

Reply to 11997/07.07.2014

Wednesday, October 21, 2015

12:27

Subject	Reply to 11997/07.07.2014
From	[REDACTED]
To	Frontex
Cc	director.capacitybuilding; HoRDU
Sent	Tuesday, July 22, 2014 17:34

Dear colleagues,

Please send the following answer to the email registered in Frontex with 11997/07.07.2014. Thank you.

Best regards, [REDACTED]

"From: Frontex

Sent: 23 July 2014

To: [REDACTED]

Subject: On the development of an early warning system

Dear Mr. [REDACTED]

Thank you for your email of 06.07.2014. We have taken note of it and included your contact details in our database.

Best regards,

Frontex "

Darren Bako <[REDACTED]>
Company: New start-up
Address: 72 Riverside Court
City: Bradford
Mobile phone: [REDACTED]
Phone number: -
From IP: None

on 2014-07-06 at 14:11 wrote:

Dear Sir /Madam

My name is [REDACTED] I live and work in the UK. For some time I have been exploring opening a sustainable development company, environmental protection, border controls, alternative energies.

Message for [REDACTED] - Sir would you welcome R&D into the development of an early warning system (Marine buoys) Example Strait of South Italy - North Africa.

Spar buoys - Aimed at all marine migration routes

South Sicily approx. 160 miles border crossing, average depth 316m An early warning system comprised of spar buoys fitted with SONAR/RADAR, two way communication that could give early warning to Navies of illegal vessels.

The Navy cannot be in all locations at once. A warning system could provide a quick response and save money. Vessels could be turned around quickly, and lives could be saved.

Normal shipping would need access codes into territorial /international waters. Aberdeen University maybe able to help with R&D. Funding would be required to develop a prototype spar buoy.

A similar systems could be installed at strategic locations acting as a deterrent to illegal people smugglers. Source BBC <http://www.bbc.co.uk/news/world-europe-27628416>

The Italian Navy Source BBC is spending Italy complains that since last October, when it launched its "Mare Nostrum" [Our Sea] rescue operation, the cost of patrolling its patch of the Mediterranean has risen to 300,000 euros (£240,200: \$408,000) a day."

An early warning system should deter smugglers who are reported to be making £850 /person.

Australian migrant policy is correct. Detention & Processing migration routes need to be developed for migrants in their home countries under UN control.

Illegal smugglers work on the principle of financial rewards, vessels confiscation, prison, fines.

For your consideration thank you

 BSc

Soluzione al problema di Lampedusa

Wednesday, October 21, 2015 12:28

Subject	Soluzione al problema di Lampedusa
From	[REDACTED]
To	Frontex
Cc	director.capacitybuilding; HoRDU
Sent	Tuesday, July 22, 2014 17:41

Dear colleagues,

Please send the following answer to the email registered in Frontex with 11502/30.06.2014. Thank you.

Best regards, [REDACTED]

"From: Frontex

Sent: 23 July 2014

To: [REDACTED]

Subject: Soluzione al problema di Lampedusa

Dear Mr. [REDACTED]

Thank you for your email of 30.06.2014. We have taken note of it, distributed it internally and included your contact details in our database.

Best regards,

Frontex "

From: GM SHIPPING / Legal, Consultants, Accounting Desk [REDACTED]

Sent: 30 June 2014 15:39

To: [REDACTED]

[REDACTED]

[REDACTED] Frontex; [REDACTED]

Subject: Soluzione al problema di Lampedusa.

Re inoltro della missiva datata 15/10/2013

On.le Presidenza del Consiglio dei Ministri

C.a. Sig, Presidente

On.le Ministero dell'Interno

C.a. Sig. Ministro

On.le Dipartimento per la protezione civile

Oggetto : Soluzione al problema di Lampedusa.

Sono un Consulente Marittimo operante in Taranto, Raccomandataro Marittimo iscritto al No. 36 della CCIAA di Taranto e Mediatore Professionale al No. 3 del medesimo ente. La mia carriera inizia nel 1993 come pratico Agente marittimo fino alla posizione di Titolare della scrivente GM Shipping. Nella mia carriera ho analizzato, affrontato e risolto numerosissimi casi relativi a problematiche legate alla navigazione interna e di Lungo Corso, collaborando oltre che con Soggetti Privati anche con Istituzioni quali la Capitaneria di Porto, la Guardia di Finanza, la Polizia di Frontiera (con nomina di Ausiliario di PG) , il Tribunale di Taranto, Augusta e Catanzaro.

Con la presente mi prego di poter illustrare a Codeste Onorevolissime Istituzioni una credibile ed efficace soluzione all'intollerabile problema logistico relativo all'emergenza di Lampedusa.

Prima ancora di analizzare la soluzione, è –a detta di chi scrive- utile individuare il problema. Gli avvistamenti delle unità contenenti i migranti sono solitamente avvistate in acque nazionali allorquando è già impossibile trovare una misura alternativa se non una disperata operazione di Soccorso e Salvataggio, spesso ben lontana dal preservare la salvaguardia della vita umana in mare. È purtroppo ben nota la macabra contabilità dei corpi senza vita, recuperati in mare a causa di una impossibile tempestività d'azione.

Finanche una puntuale operatività di soccorso vede la scellerata opzione di sovraffollamento del CPA, in condizioni di immediata massima urgenza.

Alla luce di quanto illustrato è necessario trovare l'operatività di emergenza nello stesso medesimo istante in cui sorge il problema.

La soluzione può essere individuata nella sconfinata intelligenza messa a disposizione dall'ingegneria Navale al servizio del Mare.

Se si immagina Lampedusa quale una piattaforma petrolifera in mezzo al canale di Sicilia, possiamo (e dobbiamo) coniugare le esperienze della Tecnologia Off-shore all'emergenza di cui trattasi.

Lo studio che mi onorerei di sottoporre alla Vs. attenzione contempla l'utilizzo delle cosiddette "Accommodation Barges", invero delle idonee Navi alloggio costruite per essere impiegate in qualsiasi condizione climatica, con tutte le facility necessarie.



Centinaia di perone possono essere alloggiate in massima sicurezza, a distanza dalla costa per successivo trasbordo in qualsiasi porto; in caso di emergenza, una "yellow O Area", permetterebbe l'atterraggio di un elicottero in perfetta sicurezza e con tempi di risposta immediati ed anticipati.

Nello studio che andrei ad illustrare analiticamente, in caso di interesse, ci sarebbero ulteriori unità a supporto, permettendo così una validissima ed efficace soluzione in tempi ridottissimi.

I costi sarebbero documentati e giustificati, trasparenti e programmabili a lungo termine, coinvolgendo le istituzioni internazionali preposte.

Infinitamente grato dell'attenzione, resto a disposizione di Codeste On.li Istituzioni per qualsiasi ulteriore chiarimento.

Con perfetta osservanza e sentimenti di sincerissima stima.

Capt. [REDACTED]

GM SHIPPING [REDACTED]

Via Pisanelli, 40

74123 - Taranto - Italy

ph : [REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

<http://www.gmshipping.it>

SKYPE : [REDACTED]

[REDACTED]

FW: OAD: Extra-Long Endurance UAV

Wednesday, October 21, 2015 12:28

Subject	FW: OAD: Extra-Long Endurance UAV
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding
Sent	Thursday, July 24, 2014 16:47

Dear colleagues,

Please find underneath the reply to the email registered in Frontex with 12825/18.07.2014.

Best regards,

[REDACTED]

[REDACTED]

Research Officer

Research and Development Unit - Capacity Building Division

Tel: [REDACTED]

From: [REDACTED]

Sent: Thursday, July 24, 2014 16:42

To: [REDACTED]

Cc: [REDACTED]

Subject: OAD: Extra-Long Endurance UAV

Dear Mr. [REDACTED]

Thank you for your email. It has been forwarded to me for further handling.

Let me please inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

Could be also of your interest the invitation for an workshop on projects undertaken by industry and academia for developing border security products/technologies/solutions, workshop that Frontex will organize in November/December 2014: <http://btn.frontex.europa.eu/articles/invitation-industry-and-academia-workshop-projects-developing-border-security-productstechn>.

Best regards,

[REDACTED]

[REDACTED]

Research Officer

Research and Development Unit - Capacity Building Division

Tel: [REDACTED]

From: OAD - [REDACTED]

Date: 17 юли 2014, 12:16:09 Гринич+2

To: [REDACTED]

Subject: OAD: Extra-Long Endurance UAV

Dear Sir,

My company works on the development of a HAPS (High Altitude Pseudo Satellite) UAV, in order to make a local and

continuous control.

Such airplane may have an endurance of several months, and could be complementary to current satellites or current UAVs.

One application could be, of course, the Border control.

I would be interested to meet you in order to speak about the specific needs of FRONTEX in order to manage the borders of Europe.

I believe that such HASP UAV, dedicated for this job, could be a good tool.

Is it possible to organize a meeting at your best convenience ?

Best regards,


Managing Director
OAD

Before printing this e-mail, think about the environment ...

Optimal Aircraft Design - Namur - Belgium

E-mail : 

Web : www.oad.aero

FW: presentation of sagres and lobos in national conference

Wednesday, October 21, 2015 12:28

Subject	FW: presentation of sagres and lobos in national conference
From	[REDACTED]
To	Registration
Cc	director.capacitybuilding; HoRDU
Sent	Friday, July 25, 2014 15:34
Attachments	 border_surveillance  FW presentat...

Dear colleagues,
Please find below and attached (1st file) the continuation of the correspondence 9338/28.05.2014 (second file).
Best regards,

[REDACTED]

From: [REDACTED]
Sent: Friday, July 25, 2014 15:17
To: [REDACTED]
Cc: [REDACTED]
Subject: presentation of sagres and lobos in national conference

Dear [REDACTED]

As mentioned, please find attached the presentation for the national conference that refers to Eurosur, Sagres and Lobos. As you will see, in the presentation only information that are already published is mentioned. The final presentation will be in Greek and will have a few more slides regarding the Acritas national project. Is it ok if we present these slides (their Greek version to be exact)?

Thank you in advance for your kind reply,

[REDACTED]

Με φιλικούς χαιρετισμούς / Meilleures Salutations / Saludos Cordiales / Best Regards / Mit freundlichen Grüßen

[REDACTED]
[REDACTED] & Sales Senior Manager

TERRASPATIUM SA
Geoinformation and Space Products & Services
32 Ardittou str., GR-11636 Athens
Tel: [REDACTED]
www.terraspatium.gr

[REDACTED]



TERRASPATIUM SA

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From: [REDACTED]
Sent: Tuesday, May 27, 2014 3:25 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: presentation of sagres and lobos in national conference

Dear [REDACTED]

In September there will be the 4th national conference of rural & surveying engineers in Greece (in Thessaloniki). We would like to make a presentation of the border surveillance projects in it (Sagres, Lobos and a national one we have), in order to present an important field that geospatial data are useful. Please note that in Greece, rural and surveying engineers are the ones majorly involved with geoinformation, remote sensing and photointerpretation science. This event is one of the largest nation-wide and is organised every 3-4 years.

The presentation that we would like to make will only contain information already known in the Conops & Eurosur (that is publicly available) and already published information on Sagres & Lobos (in their sites and leaflets). Of course, i will send you in advance the english version of the presentation to approve. Please find attached the summary of the abstract that we must submit in the next two weeks. The submitted one will be in Greek, but the one that i'm sending you is its English version so that you will be able to read.

could we submit the specific abstract - under the condition that we will also send you the presentation for prior approval?

thank you in advance for your kind action,

Με φιλικούς χαιρετισμούς / Meilleures Salutations / Saludos Cordiales / Best Regards / Mit freundlichen Grüßen

[REDACTED]
Business Development & Sales Senior Manager

TERRASPATIUM SA
Geoinformation and Space Products & Services
32 Ardittou str., GR-11636 Athens

[REDACTED]
www.terraspatium.gr

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FW: Elbit systems

Wednesday, October 21, 2015

12:28

Subject	FW: Elbit systems
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding
Sent	Friday, August 08, 2014 16:51

Dear colleagues,

Please find underneath the reply to the email registered in Frontex with 13915/07.08.2014.

Best regards,

From: [REDACTED]

Sent: Friday, August 08, 2014 16:50

To: [REDACTED]

Cc: [REDACTED]

Subject: Elbit systems

Dear Mr. [REDACTED],

Thank you for your email. It has been forwarded to me for further handling.

Let me please inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

Best regards,

[REDACTED]
Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]

To: [REDACTED]

Subject: Elbit systems

Dear sir,

Our company, Elbit systems, is a world leader in the areas of defense and HLS. We are based in Israel and active worldwide.

Elbit systems had presented its capability in the area of boarder protection to Frontex and Finnish boarder guard as part of the "Frontex R&D Green border surveillance workshop and demonstration 2011 in Finland" (September 20-22, 2011).

We have now made a great progress in the area of boarder protection. We have new assets, technologies, products and success stories. We are very active in some countries, including in Europe.

I am attaching hereunder a presentation summarizing some of our new capabilities in the field.


We wanted to take this opportunity and meet Frontex in order to present in more details our new capabilities and activities related to boarder security.

I have your name as the POC from the Finnish seminar in 2011. I don't know if you are the correct person at Frontex to contact, however I will be grateful if you could forward the attached presentation to the right people at your organization and assist us in setting a meeting with Frontex to further discuss our capabilities, road map and activities. Kindly confirm the acceptance of my email as the attached file is big (7M).

Best Regards


Senior Marketing Director
Elbit Systems Land & C4I
2 Hamachshev St. Netanya 42507, Israel

Tel. 

Fax. 



[\[cid:image001.jpg@01CFB18D.03164550\]](#)

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FW: Elbit systems

Wednesday, October 21, 2015 12:28

Subject	FW: Elbit systems
From	[REDACTED]
To	Registration
Cc	director.capacitybuilding; HoRDU
Sent	Wednesday, August 13, 2014 11:25

Dear colleagues,

Please find underneath (in blue colour; italic) the continuation of the correspondence registered in Frontex with 13915/07.08.2014.

Best regards,

From: [REDACTED]

Sent: Wednesday, August 13, 2014 11:21

To: [REDACTED]

Subject: RE: Elbit systems

Dear Mr. [REDACTED],

Thank you for your email. I confirm your understanding. This is the procedure.

The selection to meet our organization doesn't have any influence on the procurement procedures initiated by Frontex. The mentioned procedures follow the specific European legislation applicable for this domain. For more details please refer to the Procurement section of Frontex website at:

<http://frontex.europa.eu/about-frontex/procurement>. For other events please refer to the Frontex website at: <http://frontex.europa.eu/news/>.

Best regards,

[REDACTED]

Research Officer
Research and Development Unit · Capacity Building Division
Tel: +48 22 205 9631

From: [REDACTED]

Sent: Sunday, August 10, 2014 10:22

To: [REDACTED]

Cc: [REDACTED]

Subject: RE: Elbit systems

Dear Mr. [REDACTED]

Thank you very much for your prompt reply.

I have reviewed the procedure presented in your web site.

I wanted to understand some more details....

As it has been presented in the site, you will collect until the end of September requests from companies who are interested to present their capabilities to Fronex. Then you will select by October only 12 companies out of the list of interested firm, and they will have the chance to arrive to a kind of a seminar in October at Frontex and there will have 15-20 minutes to present in more details their concept.

Did I get it right ?

Does it mean that if our company is not one of the 12, then we will not be given a chance to meet Frontex ?

If we are selected to meet your organization, and present our capabilities, what does it mean about the future of doing business with you ? Does it give us any benefit when tenders are published ?

Where can we learn about events and tenders published by your organization ?

Many thanks again for you reply. I am looking forward to receiving your feedback.

All the Best

Best Regards

Senior Marketing Director
Elbit Systems Land & C4I
2 Hamachshev St. Netanya 42507, Israel
Tel. [REDACTED]
Fax. [REDACTED]
[REDACTED]

Elbit Systems
Land and C4I - Tadiran

From: [REDACTED]
Sent: 08 August 2014 17:50
To: [REDACTED]
Cc: [REDACTED]
Subject: Elbit systems

Dear Mr. [REDACTED]

Thank you for your email. It has been forwarded to me for further handling.

Let me please inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

Best regards,

[REDACTED]
Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]

To: [REDACTED]

Subject: Elbit systems

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Elbit systems had presented its capability in the area of boarder protection to Frontex and Finnish boarder guard as part of the "Frontex R&D Green border surveillance workshop and demonstration 2011 in Finland" (September 20-22 , 2011).





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We wanted to take this opportunity and meet Frontex in order to present in more details our new capabilities and activities related to boarder security.

I have your name as the POC from the Finnish seminar in 2011. I don't know if you are the correct person at Frontex to contact, however I will be grateful if you could forward the attached presentation to the right people at your organization and assist us in setting a meeting with Frontex to further discuss our capabilities, road map and activities.

Kindly confirm the acceptance of my email as the attached file is big (7M).

Best Regards


Senior Marketing Director
Elbit Systems Land & C4I
2 Hamachshev St. Netanya 42507, Israel
Tel. 
Fax. 


[cid:image001.jpg@01CFB18D.03164550]

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FW: I2C final conference // 11 September 2014 - Brussels - Hotel Renaissance // programme

Wednesday, October 21, 2015 12:28

Subject	FW: I2C final conference // 11 September 2014 - Brussels - Hotel Renaissance // programme
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding; HoSBS; [REDACTED]
Sent	Tuesday, August 19, 2014 15:34

Dear colleagues,

Please find underneath the reply to the email registered in Frontex with 9217/27.05.2014 and updated by the sender on

24.07.2014.

Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]

Sent: Tuesday, August 19, 2014 15:13

To: [REDACTED]

Subject: RE: I2C final conference // 11 September 2014 - Brussels - Hotel Renaissance // programme

Dear Vanessa,

Thank you very much for your invitation.

We confirm the participation of the following persons to the I2C events on 11 September 2014: [REDACTED]

[REDACTED] - Sea Border Sector and [REDACTED] - Research and Development Unit.

Looking forward to meeting you in September,

Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]

Sent: Thursday, July 24, 2014 15:31

To: Registration; HoRDU; director.capacitybuilding

Subject: FW: I2C final conference // 11 September 2014 - Brussels - Hotel Renaissance // programme

Dear colleagues, FYI

It is related to 9217/27.05.2014.

Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: Thursday, July 24, 2014 15:22
Cc: [REDACTED]
Subject: I2C final conference // 11 September 2014 - Brussels - Hotel Renaissance // programme

Dear Sir, Madam,

We are delighted to invite you to the **I2C integrated project final conference on 11th September 2014, from 9.00 am until 2.00 pm, at the Renaissance Hotel in Brussels** (located rue du Parnasse 19, next to the European Parliament).

In the framework of EUROSUR guidelines, the I2C project aims to set-up an innovative end-to-end integrated intelligent maritime surveillance system which allows :

- Detection of collaborative and non-collaborative vessels including small and fast boats;
- Provision of an highly enhanced national maritime situational picture by optimizing the data fusion of AIS (Automatic Identification System) messages and from a set of new and conventional sensors (radars and cameras) deployed ashore and on board assets at sea;
- Standardisation of an "intelligent" national maritime situational picture, by correlating other available information such as meteorological forecasts, vessel and harbour files, regulated zones and areas of interest, geo data, intelligence, etc.
- Integration of innovative capabilities to issue documented alerts on detected suspicious vessel activities from edited operational rules modelling illegal, criminal and regulation violation modus operandi;
- Fast-ran reporting to decisional authority revealing the most plausible threats associated to the issued alerts.

For more information, visit the Web site: www.i2c.eu

Please find attached the agenda of the final Conference.

You are also kindly invited to participate in a workshop on required future technical capacities to support H2020 program, in the field of maritime surveillance and security. It will take place at the same venue in the afternoon after I2C final conference (2.00 pm-6.00 pm, followed by a cocktail reception)

We look forward to hearing back from you by responding to me : [REDACTED]
(before 5th September).

We very much hope you will consider this invitation favourably.

Kind regards,

[REDACTED]
I2C project
[REDACTED]

[REDACTED] à l'environnement : avez-vous besoin d'imprimer ce message ?

Think environment : Do you need to print message ?

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RE: follow up of 14102 - Further communication from Aero Sekur

Wednesday, October 21, 2015 12:28

Subject	RE: follow up of 14102 - Further communication from Aero Sekur
From	[REDACTED]
To	Frontex
Cc	HoRDU; director.capacitybuilding
Sent	Wednesday, August 27, 2014 11:30

Dear colleagues,

Please send the following answer to the email registered in Frontex with 14012b/13.08.2014. Thank you very much. Best regards, [REDACTED]

“From: Frontex

Sent: August 27, 2014

To: [REDACTED]

Subject: H2020 project proposal

Dear Mr. [REDACTED]

Thank you for your email.

Let us please inform you that Frontex cannot sign such letters as it is not in line with the role outlined in the earlier e-mail communication sent to you on 12.08.2014.

Thank you for your understanding.

Best regards,

Frontex”

From: [REDACTED]

Sent: 13 August 2014 09:06

To: Frontex

Subject: Rif: H2020 project proposal

Dear Sir, Madame,

I wish to thank you for your prompt and frank response.

Since you mentioned your advisory capacity in the field, I attach herebelow a supporting letter template for our project/consortium.

I don't know if you can or cannot do that at this stage.

But there's no harm in trying.

Just let me know.

Thank you in advance.

Kind regards

[REDACTED]

Space & Innovation
Business Development

Aero Sekur S.p.A.

via delle Valli, 46 - 04011, Aprilia (LT), Italy

phone: [REDACTED]

fax: [REDACTED]

mobile: [REDACTED]

email: [REDACTED]

skype: [REDACTED]

www.aerosekur.com

-----Frontex <frontex@frontex.europa.eu> ha scritto: -----

A: "'fiore@sekur.it'" [REDACTED] >

Da: Frontex <frontex@frontex.europa.eu>

Data: 12/08/2014 01.23PM

Oggetto: H2020 project proposal

Dear Mr. [REDACTED]

Thank you for your email.

At this point we would like to inform you that Frontex is asked regularly by the European Commission to take part in the evaluation committee as evaluators of the European funded project proposals. As a result, any kind of facilitation at this stage or the participation of Frontex in any consortium that is to submit a proposal in this context would constitute a case of conflict of interest.

In other train of thoughts, you might invite Member States' border guard authorities to join the consortium, in case they have available resources and interest in joining it. For more details on mentioned Authorities, please refer to Frontex webpage at: <http://frontex.europa.eu/partners/national-authorities/>

Having said that, if your proposal will be successful, Frontex could potentially participate, based on a further assessment of the project, in your project activities as advisor or as (representative of) end-user(s).

Thank you very much for your understanding.

Best regards,



Rondo ONZ 1
00-124 Warsaw, Poland
Tel. +48 22 205 95 00
Fax +48 22 205 95 01
www.frontex.europa.eu

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From: [REDACTED]

Sent: 08 August 2014 16:25

To: Frontex

Subject: H2020 project proposal

Dear Sirs,

my name is [REDACTED] and I'm coordinating a project proposal to be submitted for the FCT-05-2014, Horizon2020 call.

Just to give you the a brief overview of the argument and of our proposal, I forward you in attachment the project abstract.

We already have in our Consortium the:

- Forensic science laboratories of Carabinieri Force (RaCIS), Rome, Italy, and
- Forensic Sciences Institute of the French Gendamerie (FSIFG), Rosny Sous Bois, France

both ENFSI - European Network of Forensic Science Institutes members.

Plus, we'll have a supporting letter from GNR of Portugal, and from the ENFSI itself, since our project proposes the creation of a end user network that will invite to join LEAs with Forensic responsibilities from the whole Europe.

But, we were recommended to widen the spectrum of involved end-users involving, for example, border authorities, customs, etcetera.

We know very well that the deadline for submission is quickly approaching, but the project is nearly ready and the project Consortium is very well defined and established.

But, with this purpose in mind, we were wondering if it will possible to follow the recommendation received, asking about a possible involvement of Frontex in our project as a full consortium partner representing End users, or (as a backup) with a supporting letter for the European Commission.

If possible, I would like to have a direct contact to speak with, in order to well explain our proposal and discuss the chance we offer.

I wish to thank you in advance.

Kind regards

[REDACTED]

Space & Innovation

Business Development

Aero Sekur S.p.A.

via delle Valli, 46 - 04011, Aprilia (LT), Italy

phone: [REDACTED]

fax: [REDACTED]

mobile: [REDACTED]

email: [REDACTED]

skype: [REDACTED]

www.aerosekur.com

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[allegato "NOSY2 abstract - rev 1.2.pdf" rimosso da [REDACTED]/Sekur]

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TECDRON French robotic Systems

Wednesday, October 21, 2015 12:29

Subject	TECDRON French robotic Systems
From	[REDACTED]
To	Frontex
Sent	Thursday, May 15, 2014 15:12

Dear colleagues,

Please answer to the underneath email (8282/15.05.2014) as follows:

"From: Frontex

Sent: 15 May 2014

To: [REDACTED]

Subject: TECDRON French robotic Systems

Dear Mr. [REDACTED]

Thank you for your email of 15 May 2014. We have taken note of your offer and have included your contact details in our database. In case any need in the scope of the technologies/solutions mentioned in your email will be identified in Frontex we will contact you.

Let me please also inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

Could be also of your interest the invitation for an workshop on projects undertaken by industry and academia for developing border security products/technologies/solutions, workshop that Frontex will organize in November/December 2014: <http://btn.frontex.europa.eu/articles/invitation-industry-and-academia-workshop-projects-developing-border-security-productstechn>

Best regards,

Frontex"

Thank you very much.

From: [REDACTED]

Sent: 14 May 2014 16:51

To: Frontex

Subject: TECDRON French robotic Systems

Importance: High

Good afternoon,

We are a **French Company based in la Rochelle (Dpt 17) that designs and manufactures terrestrial and aquatic robots.**

The countless features of our "mechatronic mobile platforms" assist the Police Force and Civil Authorities in their efforts to prevent, rescue, assist and respond. Many other fields can rely on our expertise: civil and militaries industries, scientific research, building and civil engineering, ports, local and regional authorities etc... These examples are obviously not exhaustive.

I invite you to visit our website* www.tecdron.com to know us better.

I am at your disposal to establish a **quotation on our current range of robots and possibly the options you'll wish to add.**

In addition to our current robots, we could study a set of specifications to suit your demands concerning specially devoted robots.

Remaining at your disposal.

Best regards.

[REDACTED]
*on undergoing changes.

[REDACTED]
Business Development Manager

Tél [REDACTED]

Email : [REDACTED]

Website : www.tecdron.com

1, Rue de Quebec

La Pallice

17000 La Rochelle

France

STAND TECDRON HALL 5 K721



FW: Request from commercial company for contact details

Wednesday, October 21, 2015 12:29

Subject	FW: Request from commercial company for contact details
From	[REDACTED]
To	Frontex
Sent	Thursday, May 15, 2014 15:22

Dear colleagues,

Please answer to the underneath email (8281/15.05.2014) as follows:

"From: Frontex

Sent: 15 May 2014

To: [REDACTED]

Subject: Meeting Request

Dear Mrs. [REDACTED]

Thank you for your email of 14 May 2014. Let me please inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

Could be also of your interest the invitation for an workshop on projects undertaken by industry and academia for developing border security products/technologies/solutions, workshop that Frontex will organize in November/December 2014: <http://btn.frontex.europa.eu/articles/invitation-industry-and-academia-workshop-projects-developing-border-security-productstechn>

Best regards,

Frontex"

Thank you very much.

[REDACTED]

From: [REDACTED]

Sent: 14 May 2014 16:45

To: Frontex

[REDACTED]

Subject: Meeting Request

Dear Sir/ Madam

I email to arrange a meeting for our client who has expertise in the Border Surveillance and Security area. They would like to meet with a colleague of yours within Frontex to discuss a project which they propose to develop.

I would be extremely grateful if you could please send over to me the contact details for the relevant person to enable me to arrange a meeting.

Thank you in advise for your assistance.

Kind regards

[REDACTED]

[REDACTED]
Brussels Coordinator
G & H Associates (Brussels) Limited
Unit A2, Gresley Office Park
William Nadin Way
Swadlincote
Derbyshire
DE11 0BB

Tel: [REDACTED]
[REDACTED]

Web: www.ghbrussels.com

Registered Address: 122 Feering Hill, Feering, Colchester, Essex, CO5 9PY. Registered No. 4446811 (Registered in England & Wales) VAT No: GB 828 5943 86

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Information from ESET NOD32 Antivirus, version of virus signature database 9798
(20140514)

The message was checked by ESET NOD32 Antivirus.

<http://www.eset.com>

[REDACTED]

[REDACTED]

Subject	request for contact with Mr. [REDACTED]
From	[REDACTED]
To	Frontex
Sent	Friday, May 16, 2014 16:45

Dear colleagues,
Please answer to the underneath email (8446/16.05.2014) as follows:

"From: Frontex
Sent: 16 May 2014
To: [REDACTED]
Subject: request for contact with Mr. [REDACTED]

Dear Mr. [REDACTED]
Thank you for your email of 16 May 2014. Let us please inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information. Thank you for your understanding.

Best regards,
Frontex"

Thank you very much,
[REDACTED]

From: [REDACTED]
Sent: 16 May 2014 10:26
To: Frontex
Subject: request for contact with Mr. [REDACTED]

Dear,

We would like to get in touch with Mr. [REDACTED] to discuss innovation on border security at a European level. 42 Solutions is the company behind border security in the air. Since more than a decade we have been researching and developing the solution CIMA CT for Eurocontrol. CIMA CT stands for Civil Military Air Traffic Management Coordination Tool. It is also being used by NATO and FAA for securing borders between NATO member states and Russia. It would be good to elaborate further on this with Mr Beugels personally and to see where 42 Solutions can assist Frontex achieve its objectives.

Thanking you in advance for your help to get in touch with Mr. [REDACTED]

Kind regards,

[REDACTED]


42 Solutions
The border is our power

[REDACTED]

42 Solutions B.V.

Twinning Center

De Zaaie 11

NL - 5612 AJ Eindhoven

Postbus 80

NL - 5600 AB Eindhoven

Tel. : [REDACTED]

Fax. : [REDACTED]



Please consider the environment before you print this e-mail

FW: Frontex Border Surveillance Workshop

Wednesday, October 21, 2015 12:29

Subject	FW: Frontex Border Surveillance Workshop
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding
Sent	Wednesday, September 10, 2014 11:14

Dear colleagues,
Please find underneath the reply to the email no 14421/19.08.2014.
Best regards,

[REDACTED]

[REDACTED]
Research Officer
Research and Development Unit · Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: Wednesday, September 10, 2014 11:13
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Frontex Border Surveillance Workshop

Dear Mr. [REDACTED]

Thank you for your email. It has been forwarded to me for further handling.
Concerning our future events please check regularly the Frontex website at <http://frontex.europa.eu/news/>.
Let me please also inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.
Could be also of your interest the invitation for an workshop on projects undertaken by industry and academia for developing border security products/technologies/solutions, workshop that Frontex will organize in November/December 2014: <http://frontex.europa.eu/news/invitation-for-industry-and-academia-B9rTeX>.

Best regards,

[REDACTED]

[REDACTED]
Research Officer
Research and Development Unit · Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: 18 August [REDACTED]
[REDACTED] Zdravko Kolev
Subject: Frontex Border Surveillance Workshop

Good day,

I do respect that the Frontex Border Surveillance Workshop 2014 had already completed in April 2014.
I only took this position after your event, and would much appreciate if you could let me know when the next Frontex Border Surveillance event will take place.

FLIR is an international leader in offering Border Surveillance solutions, and it would be our pleasure to present to your forum.

Our solutions are for Air, Land, Maritime, and Borders applications, per example:

<http://gs.flir.com/surveillance/land>

I would appreciate an opportunity to have our team meet your team, to learn more of your requirements.

Regards,

[REDACTED]
Vice President, FLIR Sales, Europe
Office: [REDACTED]
Mobile: +[REDACTED]

 Please consider the environment - minimize printing

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Re: ATT: [REDACTED]

Wednesday, October 21, 2015 12:29

Subject	Re: ATT: [REDACTED]
From	[REDACTED]
To	Frontex
Sent	Thursday, September 25, 2014 17:02

Dear Mr. [REDACTED]

First of all, thank you very much for your reply.

We would be very grateful if you could facilitate us the e-mail address of the Security Manager or someone in charge of the security issues in the following airports:

- KRAKOW
- KATOWIZE
- POZNAN
- WARSZAWA

If you need anything else, please do not hesitate to contact us.

We look forward to hearing from you.

Best regards,

[REDACTED]

DINAMIC-GRUP

Carrer De la Rasa, s/n (Pol.industrial Santa Anna 3)

08251 - Santpedor (Barcelona) - Spain

Tel. [REDACTED]

www.dinamic-grup.com

See Brochure: www.nuestrofolleto.es/dinamic-grup

Ver Catálogo: www.nuestrofolleto.es/dinamic-grup-es

De: "Frontex" <frontex@frontex.europa.eu>

Para: [REDACTED]

Enviados: Jueves, 25 de Septiembre 2014 15:55:15

Asunto: ATT: [REDACTED]

Dear Mr. [REDACTED]

Having read your e-mail in which you introduce the machine which provides levels of throughput superior to other baggage handling systems, it seems to me that they are a bit out of our focus, although the system can have positive effects for the airport flows. We are focused on technologies used by border guard authorities, e.g. (applicable for the airport environment) ABCs, passport readers, biometry.

In any case, thank you for thinking of us and, of course, we are appreciative for bringing to our attention any new solutions that could have added value for border security.

Best regards,



Rondo ONZ 1
00-124 Warsaw, Poland
Tel. +48 22 205 95 00
Fax +48 22 205 95 01
www.frontex.europa.eu

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From: [REDACTED]
Sent: 10 September 2014 12:21
To: Frontex
Subject: ATT: [REDACTED]

Dear [REDACTED]

We get in touch with you to present our company and our BHS solution for airports as we know that you have participated as a speaker at industry airport events like Passenger Terminal Airport.

DINAMIC GRUP offers to the airport industry a revolutionary machine which provides high levels of throughput never before achieved by other **Baggage Handling Systems**.

By using the latest technology, we are able to provide entire solutions to the airport security check points giving, at the same time, security tools for the staff and a pleasant experience for the passengers.

Likewise, we are very pleased to inform you that it is increasing the number of projects in which DINAMIC GRUP is taking part, having already awarded projects in Cyprus and Brussels and with the satisfaction of the proper operation of our 5 Scannojet machines at Rome's airport.

Moreover, we take this opportunity to inform you that the next 15, 16 and 17 October we will be at Inter Airport China exhibition (Stand 422) which will take place in Beijing (China).

You can find attached the new DINAMIC GRUP catalogue with all details and relevant information of the company and our products. For more information, please do not hesitate to contact us.

Without further ado, thank you in advance for your attention. We look forward to hearing from you soon.

Best regards,

[REDACTED]
DINAMIC-GROUP

C/De la Rasa, s/n

08251 - Santpedor

Barcelona - Spain

Tel/Fax: [REDACTED]

www.dinamic-grup.com

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a new tool

Wednesday, October 21, 2015

12:29

Subject	a new tool
From	[REDACTED]
To	Frontex
Sent	Friday, September 26, 2014 16:13

Dear colleagues,

Please send the following answer to the email registered with 16014/22.09.2014. Thank you very much.

"From: Frontex

To: [REDACTED]

Subject: a new tool

Dear Mr. [REDACTED]

Thank you for your email. We have taken note of it and in case any need in the scope of the products of your company will be identified in Frontex, we will contact you.

Best regards,

Frontex"

From: [REDACTED]

Sent: 22 September 2014 09:01

To: Frontex

Subject: a new tool

Sir

We contact you because we have created a new product who look perfectly adapted for the type of job that you realise at the borders of the european country.

This tool follow the rules "better, faster and chipper";

I speak about the watching and the control of the seas borders.

Indeed, we have created a new hovercraft with:

1*) A big capacity of loading between 2 and 4 tons for an initial weight of 1 ton; 2 tons for the passengers with a flotability ratio of 400% (the international rule command 200% of ratio). 4 tons for miscelaneous merchandises.

We have do test with 8 tons of loading but for safety reasons, we halved that limit for merchandises and halved an other time for passengers.

2*) A big polyvalence for the place of using; as we have no draught, that machine can follow the coast line more closest than the boat and even can move on the beach if necessary.

3*) A big speed, we have, easy, got a speed up of 40 knots (around 72 km/h) consume between 12 and 15 litres/hour at full speed and 6 to 8 litres/hour at cruse speed).

4*) A big range: this machine use a diesel engine and consume between 12 and 15 litres/hour at full speed and 6 to 8 litres/hour at cruse speed). It's possible for example to exchange the tank previous for a range of 6 hours at full speed by a tank of 350 litres and improve the range to a minima of 24 hours at full speed.

5*) A big capacity for supplementary equipment: with the loading's reserve of 2 tons, it's possible to improve the capacity of the machine by adjunction of supplementary tank, specific optics for nighth vision, etc, etc...

6*) A big discretion: the little tall of the machine (6m X 2.5m) give a very little answer to the radar and authorize a full surprise at the arrival on the target.

This machine was conceived in europe and is build in europe (France)

We have experimented pilote and do the formation and training for new pilote in case of need.

You can visit our web site at the following adress : <http://www.aeroglisseur-hovercraft.com/>

To contact us:

[REDACTED]
[REDACTED]

tel: +[REDACTED]
tel: +[REDACTED]

thank you fot your reading of that text and have a nice day.

Goodby sir

[REDACTED]

New message from Contact Form

Wednesday, October 21, 2015 12:29

Subject	New message from Contact Form
From	[REDACTED]
To	Frontex
Sent	Tuesday, September 16, 2014 17:29

Dear colleagues,

Please send the following answer to the email registered with 15722/15.09.2014. Thank you. Best regards, [REDACTED]

"From: Frontex

To: [REDACTED]

Subject: New message from Contact Form

Dear Mr. [REDACTED]

Thank you for your email. Let us please inform you that the possibility exists for industry to visit Frontex and brief Frontex experts on its portfolios of products and services in the field of border security. For this purpose Frontex has put in place a specific procedure. We kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

Best regards,

Frontex"

-----Original Message-----

From: [REDACTED]

Sent: 12 September 2014 17:24

To: Frontex

Subject: New message from Contact Form

[REDACTED]
Company: Cross Match Technologies
Address: 1601 N Kent St, Suite 200
City: Arlington
Mobile phone: [REDACTED]
Phone number: [REDACTED]
From IP: None

on 2014-09-12 at 17:23 wrote:

My name is [REDACTED], and I work in Business Development for Cross Match Technologies, one of the world's largest manufacturers of biometric equipment and software. Our company is not currently very active in Europe, primarily because we do not have enough information on current and future requirements for European border agencies.

I would like to set up a meeting for late October/early November in Warsaw to speak with Frontex policy and technical staff about the technology needs of Frontex-aligned border control agencies. This is primarily a research trip - I am looking to gather information and gain insight into the requirements of this unique market. I would appreciate a reference to the appropriate personnel who would be willing to meet on this topic.

Thank you for your consideration.

RE: New message from Contact Form

Wednesday, October 21, 2015 12:29

Subject	RE: New message from Contact Form
From	[REDACTED]
To	Frontex
Sent	Tuesday, September 16, 2014 17:38

Dear colleagues,

Please send the following answer to the email registered with 15325/08.09.2014. Thank you. Best regards, [REDACTED]

"From: Frontex

To: [REDACTED]

Subject: New message from Contact Form

Dear Mr. [REDACTED]

Thank you for your email. Let us please inform you that the possibility exists for industry to visit Frontex and brief Frontex experts on its portfolios of products and services in the field of border security. For this purpose Frontex has put in place a specific procedure. We kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

Best regards,

Frontex"

-----Original Message-----

From: [REDACTED]

Sent: 07 September 2014 18:14

To: Frontex

Subject: New message from Contact Form

[REDACTED]
Company: Creative Technology 4 U CT4U

Address: 4 Harav Onterman St.

City: Rishon

Mobile phone: [REDACTED]

[REDACTED]
From IP: None

on 2014-09-07 at 18:14 wrote:

Dear Sir / Madam,

I was the project manager of the Israeli Border Control system.
It is very sophisticated system based on Rule Engine.

I would like to share my knowledge and experience with you and Schengen members.

Please advice.

Regards,

Mr. [REDACTED]

[REDACTED]
[REDACTED] [REDACTED]

Subject **FW: Inmarsat**
From [REDACTED]
To Frontex
Sent Thursday, October 02, 2014 11:48

Dear colleagues,

Please send the following reply to the email 16216/24 September. Thank you! Best regards, [REDACTED]

"From: Frontex
To: [REDACTED]
Subject: Inmarsat request for a meeting

Dear Mr [REDACTED]

Thank you for your email. Let us please inform you that the possibility exists for industry to visit Frontex and brief Frontex experts on its portfolios of products and services in the field of border security. For this purpose Frontex has put in place a specific procedure. We kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

Best regards,

Frontex"

From: [REDACTED]
Sent: 24 September 2014 13:31
To: Frontex
Subject: Inmarsat request for a meeting

Dear Sirs,

I am a person responsible for the Inmarsat business development and relations in Poland and Eastern Europe. Inmarsat has been providing cutting edge satellite technology solutions also for border control purposes. We have an array of solutions that fully supports the FRONTEX's mission and enhances its performance.

See: [http://www.inmarsat.com/wp-content/uploads/2013/07/Inmarsat Border Surveillance Systems.pdf](http://www.inmarsat.com/wp-content/uploads/2013/07/Inmarsat_Border_Surveillance_Systems.pdf)

Since I am based in Warsaw I would like to kindly request a meeting so that we can discuss and identify cooperation opportunities.

Thank you for your consideration of my request

I look forward to your feedback.

Kind regards

[REDACTED] PhD
Business Development Manager
Inmarsat Global Government

Inmarsat
99 City Road
London EC1Y 1AX
United Kingdom

[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]
W [inmarsat.com](mailto:[REDACTED]@inmarsat.com)

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FW: Services Helicoptere

Wednesday, October 21, 2015

12:30

Subject	FW: Services Helicoptere
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding
Sent	Friday, September 19, 2014 17:12

Dear colleagues,
For information - the reply to the email no 14206/14.08.2014.
Best regards,
[REDACTED]

From: [REDACTED]
Sent: Friday, September 19, 2014 17:10
To: [REDACTED]
Subject: Services Helicoptere

Dear Mr. [REDACTED]

Thank you for your email. It has been forwarded to me for further handling.
Let me please inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

Best regards,
[REDACTED]

[REDACTED]
Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: 12 August 2014 17:32
To: [REDACTED]
Subject: Services Helicoptere

Chère [REDACTED]
Suite à notre récente conversation et comme convenu, je vous envoie quelques renseignements sur notre société.

Avincis Group (www.avincisgroup.com) est un groupe de sociétés auquel appartient Inaer Helicopteros. Inaer travaille en Espagne dans différents domaines, notamment :

- les douanes (Agencia Tributaria), dont nous assurons la gestion et l'exploitation de leurs hélicoptères.
- le sauvetage en mer (SASEMAR <http://www.salvamentomaritimo.es/sm/flota-y-medios/medios-aereos/?ids=358>) avec 11 hélicoptères et 3 avions en opération.
- et le Ministère de la Pêche (<http://www.magrama.gob.es/es/pesca/temas/control-e-inspeccion-pesquera/medios-control-e-inspeccion/>) avec 4 hélicoptères et 3 avions.

Nous souhaiterions présenter à Frontex avec plus de détail notre expérience et capacités dans le domaine de la surveillance des frontières, de la mer et du sauvetage des personnes afin de pouvoir collaborer avec votre organisation dans un avenir proche.

Sincères salutations,

[REDACTED]
Commercial Lead
Projects & Acquisitions Team

Office: + [REDACTED]

Mobile: + [REDACTED]

Mobile: + [REDACTED]

E: [REDACTED]

8th Floor, Kings Buildings
16 Smith Square,
London SW1P 3HQ

www.avincisgroup.com

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FW: Service requests - SWAN

Wednesday, October 21, 2015

12:30

Subject	FW: Service requests - SWAN
From	[REDACTED]
To	[REDACTED]
Cc	[REDACTED] HoRDU; director.capacitybuilding; HoRAU
Sent	Friday, October 10, 2014 16:09

Dear colleagues,

For information - the reply to the email registered in Frontex with no. 15906/17.09.2014

Best regards,

[REDACTED]

From: [REDACTED]

Sent: Friday, October 10, 2014 16:06

To: [REDACTED]

Subject: Service requests - SWAN

Dear Mrs. [REDACTED]

Thank you for your email. It has been forwarded to me for further handling. Regretfully, we have to decline your invitation to participate in the SWAN project.

Frontex priorities identified for 2014-2015 require the full involvement of the limited amount of experts we have available in the processes and activities that will contribute to achieving the objectives set.

Thank you very much for your understanding.

Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]

Sent: 17 September 2014 14:03

To: [REDACTED] Frontex

Cc: [REDACTED]

Subject: RE: Service requests - SWAN

Dear [REDACTED]

As we talked on the phone some minutes ago, we send this email to see if Frontex is interested in participating in a project that our company (called Indra, located in Madrid, Spain) is presently running. Project name: SWAN "Assessment of Provision of Timely EO Situational AWareness ANalysis for Law Enforcement, Intelligence and Security Users"

If you remember, we had contact during 2012. We even met at your premises on 6th March 2012 where we had the opportunity to show you some ideas, results, etc. concerning terrain analysis, risk and migration monitoring and drug trafficking routes. Frontex even participated in the definition of requirements during Phase 1 and helped us to design the services for the Phase 2 (please see emails below).

Now we're developing Phase 2 (from September to December 2014). In that sense, we're wondering if you're interested in participating in the following tasks:

- Definition/design of the tests areas of the 3 services included in the project (September 2014):
 - Service 1. Border monitoring
 - Service 2. Onshore migration monitoring
 - Service 3. Routes monitoring and illegal migration
- Validation of the results extracted within these 3 services (December 2014):

Please don't hesitate to contact us in case of doubts.

Thank you very much for your attention.

Best regards.

[REDACTED]

Indra Sistemas S.A.
Earth Observation Directorate
c/ Mar Egeo, 4. Pol. Ind. nº 1
28830 San Fernando de Henares
Madrid - Spain

Tel. [REDACTED]

Fax [REDACTED]

[REDACTED]
www.indracompany.com



indra



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FW: Operational Training Solutions for FRONTEX Members States

Wednesday, October 21, 2015 12:30

Subject	FW: Operational Training Solutions for FRONTEX Members States
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding
Sent	Wednesday, October 22, 2014 11:22

Dear colleagues,
Please find below the reply to 17183/13.10.2014.
Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit · Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: Wednesday, October 22, 2014 11:19
To: [REDACTED]
Subject: Operational Training Solutions for FRONTEX Members States

Dear Mr. [REDACTED]

Thank you for your email. It has been forwarded to me for further handling. We will investigate with our stakeholders the opportunity for such trainings (although, in my opinion, the mentioned topics are more in the field of Customs than in the domain of Border Police). We will let you know on the outcome.

On the other hand let us please also inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit · Capacity Building Division
Tel: +48 22 205 9631

From: [REDACTED]
Sent: Wednesday, October 01, 2014 2:10 PM

To: [REDACTED]

[REDACTED]

Subject: Operational Training Solutions for FRONTEX Members States

Dear Ms [REDACTED]

I hope you are very well. We met a few years ago in Prague during a Security symposium and I had fortunately kept your contact information.

I am the Business Development Director for S2 Global covering Europe.

Our company S2 Global is a worldwide service provider to Customs Agencies , Government Agencies, Ports Terminal operations, and airports concessions authorities, in terms of turnkey inspection services utilizing cargo , baggage and pallet x ray technology products as well as radiation detection systems.

We are operational in Mexico, Puerto Rico, Albania and in other European countries.

We have also implemented in many countries and for several Customs and Ports , borders authorities mobile operating training classes and programs which are video based, factual, multilingual and tailored to the needs of these organizations (x ray image analysis, detection of cash in containers, radiation safety, maintenance , detection of explosives etc). I have attached for your review a summary booklet as an example of our training portfolio offerings.

I would like if of you interest to arrange a meeting with you and the FRONTEX team to review and discuss if our training programs and concept could be useful to FRONTEX and to the organizations, authorities and Customs Agencies you are assisting on a daily basis to improve their efficiency.

I am based in Europe and would be available at your convenience for a meeting discussion anytime in November of December.

Please let me know if this would be of your interest and if yes, which weeks or day (s) would be available for us to meet ?.

I will be looking for your feedback.

Thank you for your time.

Best regards

Business Development Director

S2 Global Screening Services


Tel : (1)

www.screeningsolution.com

www.rapiscansystems.com

FW: Commercial offer from Salvogrima

Wednesday, October 21, 2015 12:30

Subject	FW: Commercial offer from Salvogrima
From	[REDACTED]
To	Frontex
Sent	Wednesday, October 22, 2014 10:16
Attachments	 Letter of appreciati...

Dear colleagues,

Please send the underneath reply to: [REDACTED] Thank you very much! Best regards, Dragos

"From: Frontex

To: [REDACTED]

Subject: Frontex Plus / [REDACTED] (Malta)

Dear Mr. [REDACTED]

Thank you for your email of 13 October 2014. We have taken note of your offer and have included your contact details in our database.

Let us please also inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

Best regards,

Frontex"

From: Registration

Sent: 13 October 2014 16:20

To: director.capacitybuilding

Cc: HoRDU; director.operations

Subject: Commercial offer from [REDACTED]

Date: 13.10.2014	Reg.No: 17183
Responsible Organisation:	Cc:
Remark:	Deadline:
Remark for staff member:	
Reference: BAU	

Best Regards



Rondo ONZ 1
00-124 Warsaw, Poland
Tel. +48 22 205 95 00
Fax +48 22 205 95 01
www.frontex.europa.eu

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From: [REDACTED]
Sent: 13 October 2014 15:39
To: Frontex
Subject: Frontex Plus / [REDACTED]

Through the international media we are informed that Frontex are planning to launch a project to take over from the Mare Nostrum Project - Mediterranean Coastline Preservation that is scheduled to come to an end this month.

Under the circumstances we wish to take the opportunity to introduce our group of companies and the services we offer mainly from Malta.

The Salvo Grima group of companies was established more than 150 years ago.

The Group offers a broad spectrum of services including logistics.

In fact in 2011, World Food Program appointed Salvo Grima as their logistics service provider for their Malta hub.

In collaboration with WFP we extended this service to the cluster of Aid Agencies responding to the Libya Crisis.

Attached to this message please find a reference letter we received from UNICEF after assisting in one of the urgent responses.

The Salvo Grima services include:

- The leading ship supply service in Malta, offering a comprehensive range of provisions, stores, spare parts and essential supplies to all types of vessels.
- Participation within global networks offering freight forwarding services and warehousing facilities in Malta and Libya.

For further details you may wish to visit our website: www.salvogrima.com

We wish your team every success especially in carrying out this commendable and very challenging task.

Should you wish to discuss any requirements you may have in the centre of the Mediterranean, please know that we are available at your convenience.

Regards

(Mobile

www.salvogrima.com

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FW: Request for meeting with Frontex for next week

Wednesday, October 21, 2015 12:31

Subject	FW: Request for meeting with Frontex for next week
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding
Sent	Friday, October 24, 2014 13:43

Dear colleagues,
Please find underneath the reply to 17868/23.10.2014.
Best regards,

[REDACTED]

[REDACTED]
Research Officer
Research and Development Unit - Capacity Building Division
Tel: +48 22 205 9631

From: [REDACTED]
Sent: Friday, October 24, 2014 13:41
To: [REDACTED]
Subject: Request for meeting with Frontex for next week

Dear Mr. [REDACTED]

Thank you for your email. Let me please inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

According to it, the possibility exists for industry to visit Frontex and brief Frontex experts on its portfolios of products and services in the field of border security. For this purpose, a Visit Proposal Form available at: <http://btn.frontex.europa.eu/form/visit-proposal-form> must be completed and submitted. The applications are analysed and 2 meetings/year will take place (end October and end of March each year) with the selected companies.

Thank you for your understanding.

Best regards,

[REDACTED]

[REDACTED]
Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: Thursday, October 23, 2014 12:43
To: Dragos Voicu
Cc: [REDACTED]
Subject: Request for meeting with Frontex for next week

Dear [REDACTED]
Referring to our tel. conference I kindly request meeting with you next week (October 27-31,2014) and the US company ATK which is interested to for follow up discussion on illuminating flares and seismic sensors. Enclosed I'm sending the presentation.
Hope to meet you and your colleagues next week,

Best regards,

[REDACTED]
President of Unitronex Poland Sp. z o.o.
ul. Grochowska 341/68
03-822 Warszawa, Poland

tel. + [REDACTED]
fax + [REDACTED]
mob + [REDACTED]
e-mail [REDACTED]

W nawiązaniu do Pani spotkania z panem Ighor Uzhinsky z firmy ATK (USA) i przesłanej oferty na flary uprzejmie informuję, że w dniach 27-31.10.2014 przebywać będzie w Warszawie delegacja ATK/Unitronex Corporation, której przedstawiciele zainteresowani są spotkaniem w temacie flar i sensorów sejsmicznych.

Proszę uprzejmie o podanie dogodnego dla Pani terminu spotkania,
Pozdrawiam,

[REDACTED]
President of Unitronex Poland Sp. z o.o.
ul. Grochowska 341/68
03-822 Warszawa, Poland

[REDACTED]
fax + [REDACTED]
mob + [REDACTED]

Wednesday, October 21, 2015 12:31

Wednesday, October 21, 2015 12:31

Dear colleagues,
Please find below the reply to: 19249/14.11.2014.
Best regards,
Dragos

From: [REDACTED]
Sent: Thursday, November 20, 2014 15:39
To: [REDACTED]
Subject: Eurodéfense - Délégation - projet mail en anglais - conférence 10 Décembre

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From: EuroDéfense-France [mailto:info@eurodefense-france.com]

Sent: Friday, November 14, 2014 16:08

To: EuroDéfense - France - Délégation

[illegible]

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
Subject: Eurodéfense - Délégation - projet mail en anglais - conférence 10 Décembre

*"The Group of the European People's Party and Eurodefense France have the pleasure to invite you to a high level conference **"TOWARDS A EUROPEAN BUDGET FOR DEFENCE R&D"***

on December 10, 2014 from 3pm to 5pm. at the European Parliament, 3 rue de Treves, 1000 Brussels.

You will find attached the flyer of the conference.

This event is hosted by Mr [REDACTED] Member of European Parliament, who has invited very distinguished speakers for a high level discussion:

[REDACTED] *Member of European Parliament*

[REDACTED] *Director General, European Defence Agency*

[REDACTED] *President of Eurodefense France*

[REDACTED] *former International Director of the French Armament Directorate*

[REDACTED] *moderator, former senior vice-president of Thales Group, EU & NATO Affairs*

Please find, attached, a registration form to be returned before December 02 to Eurodéfense-France which will confirm directly to Mr Danjean's secretary.

All requested information is mandatory to enter in the European Parliament.

Please, note that people who do not have permanent or temporary access to the Parliament will have to come half an hour before.

Waiting for your reply, I remain at your disposal for any further information,

Best regards.

*Capt(N) [REDACTED]
EuroDéfense France
Delegation*

EuroDéfense - France

*1, place Joffre
Case 44
75700 PARIS SP »*

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FW: Cooperation within Horizon 2020 project

Wednesday, October 21, 2015 12:31

Subject	FW: Cooperation within Horizon 2020 project
From	[REDACTED]
To	Registration
Cc	director.capacitybuilding; HoRDU
Sent	Monday, December 01, 2014 12:36

Dear colleagues,
Please find below the reply to 19779/24.11.2014.
Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit · Capacity Building Division
Tel: +48 22 205 9631

From: [REDACTED]

Sent: Monday, December 01, 2014 12:35

[REDACTED]

Subject: RE: Cooperation within Horizon 2020 project

Dear Mr. [REDACTED]

Thank you for your email.

At this point we would like to inform you that Frontex is asked regularly by the European Commission to take part in the evaluation committee as evaluator of the European funded project proposals. As a result, any kind of facilitation at this stage, or the participation of Frontex in any consortium that is to submit a proposal in this context, would constitute a case of conflict of interest. In other train of thoughts, you might invite Member States Border Guard Authorities to join the consortium and elaborate together the research proposal, in case they have available resources and interest in joining it. For more details on mentioned Authorities, please refer to Frontex webpage

at: <http://frontex.europa.eu/partners/national-authorities/>

Having said that, if your proposal will be successful, Frontex could potentially participate, based on a further assessment of the project, in your project activities as advisor or as (representative of) end-user(s).

Thank you very much for your understanding.

Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit · Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]

Sent: Monday, November 24, 2014 09:05

To: [REDACTED]

[REDACTED]

Subject: Cooperation within Horizon 2020 project

Dear Mr. [REDACTED]

I have received your contact details from Prof. [REDACTED] and on behalf of the B-4 Association as well as the University of Split and several other actors involved (among other we already have on board the following units: ICTS Security Europe, Fundacion Tecnalia) we would like to offer you, as Frontex, participation in the consortium of partners within the project we have been preparing. Our project is being prepared in response to a call for proposals in the framework of the Horizon 2020 program and is concerning border security issues. Call_Acronym: H2020-BES-1-2015, more details available on <http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/9068-bes-01-2015.html>

We would very much appreciate if you could make yourself acquainted with Concept Note of the project which is attached to this e-mail. We hope it would allow you to understand better the idea of the project and your role in it. We wish to involve you in the project as we believe that your valuable experience in the project's field is of essence and will allow us to implement the project with a full success.

In case of any questions or doubts please do not hesitate to put them forward.

Looking forward to your prompt reply.

Z wyrazami szacunku / Yours sincerely

[REDACTED]
Specjalista ds. Projektów Międzynarodowych
International Projects Specialist

tel. + [REDACTED]
fax + [REDACTED]
www: b4.org.pl
e-mail [REDACTED]



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Stowarzyszenie B-4, ul. Zagłoby 7b, 35-304 Rzeszów
NIP: 813-16-44-630, KRS 894, REGON 690427764
Bank PKO BP I O. Rzeszów, nr konta 06 1020 4391 0000 6902 0079 7423
Association B-4, Zagłoby St. 7b, 35-304 Rzeszów/Poland
VAT: PL 8131644630, REG.No.: 894, REGIONAL: 690427764
Bank Acc. PKO BP, IBAN PL06 1020 4391 0000 6902 0079 7423, BIC: BPKOPLPW

FW: Commercial offer from Transas Mediterranean SAS

Wednesday, October 21, 2015 12:37

Subject	FW: Commercial offer from Transas Mediterranean SAS
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding
Sent	Monday, December 08, 2014 16:51

Dear colleagues,
Please find underneath the reply to 20515/04.12.2014.
Best regards,

[REDACTED]

[REDACTED]
Research Officer
Research and Development Unit · Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: Monday, December 08, 2014 16:48
To: [REDACTED]
Subject: Commercial offer from Transas Mediterranean SAS

Dear Mrs. [REDACTED]

Thank you for your email. It has been forwarded to me for further processing. Let me please inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

According to it, the possibility exists for industry to visit Frontex and brief Frontex experts on its portfolios of products and services in the field of border security. For this purpose, a Visit Proposal Form available at: <http://btn.frontex.europa.eu/form/visit-proposal-form> must be completed and submitted. The applications are analysed and 2 meetings/year will take place (end October and end of March each year) with the selected companies.

In case that you are interested also by other activities in the field of border security technologies organized by Frontex, please be informed that all Frontex announcements/invitations on these lines are published in the News section on the official website.

Thank you for your understanding.

Best regards,

[REDACTED]

[REDACTED]
Research Officer
Research and Development Unit · Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: 01 December 2014 16:44
To: [REDACTED]
Subject: FW: VTS/CSS solutions provider

Dear Mr. [REDACTED]

Beginning of 2014 our company wanted to participate in the workshop organized by Frontex, unfortunately we were too late with our submission form. Could you please advise if there are any opportunities still for us to present our CSS capabilities for Frontex?

Thank you,

Best regards,

[REDACTED]

International Marketing Manager/Responsable Marketing International
Shore-Based Systems Business Division



Transas Mediterranean SAS
Sophia Antipolis High Technology Park
Cote d'Azur, France, 06560

Mobile: [REDACTED]

Phone: [REDACTED]

Fax: [REDACTED]

[REDACTED]

www.transas.com

Re: Request for a meeting at FRONTEX

Wednesday, October 21, 2015

12:39

Subject	Re: Request for a meeting at FRONTEX
From	[REDACTED]
To	Registration
Cc	[REDACTED]
Sent	Tuesday, December 16, 2014 17:26

Dear colleagues,

Can you please register this request and distribute it to CBD and OPD for further reply.

Best regards,

AG

Envoyé de mon iPhone

Le 16 déc. 2014 à 17:15, "[REDACTED]" > a écrit :

Dear [REDACTED]

following our meeting in Greece during the PERSEUS demonstration campaign, we hereby confirm our wish to set up a meeting at FRONTEX facilities to present all our results achieved in the framework of I2C and PERSEUS projects during 4 years of experimentation.

The purpose of the meeting is to discuss the opportunity for FRONTEX to evaluate one or several elements of these projects for FRONTEX operations, including the module for detection of suspicious behaviors at sea. This module has been designed for a multi-missions approach, but could be a real asset for irregular migration.

Furthermore, upon your request, we will be pleased to present our latest developments of UAV integration for maritime surveillance.

We hope that you will consider this request favorably and could transmit it to the whole entities of FRONTEX, in particular the direction of Operations, of Capacity building and Frontex Situation center.

This meeting could take place the second half of January 2015.

Best regards,

[REDACTED]
I2C project officer
Marketing and Business Development

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FW: Commercial offer from Sesanti

Wednesday, October 21, 2015

12:39

Subject	FW: Commercial offer from Sesanti
From	[REDACTED]
To	Frontex
Sent	Thursday, October 09, 2014 13:06

Dear colleagues,

Please send the following answer to the email registered in Frontex with 16619/02.10.2014. Thank you very much. Best regards, [REDACTED]

"From: Frontex

To: [REDACTED]

Subject: Border surveillance equipment

Dear Mr. [REDACTED]

Thank you for your email. The possibility exists for Industry to visit Frontex and brief Frontex experts on its portfolios of products and services in the field of border security and on these lines Frontex has put in place a specific procedure for meetings with industry. We kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-qyZ1cF> for further information.

Best regards,
Frontex"

From: Registration

Sent: 02 October 2014 16:53

To: director.capacitybuilding

Cc: HoRDU

Subject: Commercial offer from Sesanti

Date: 02.10.2014	Reg.No: 16619
Responsible Organisation:	Cc:
Remark:	Deadline:
Remark for staff member:	
Reference: BAU	

Best Regards



Rondo ONZ 1
00-124 Warsaw, Poland
Tel. +48 22 205 95 00
Fax +48 22 205 95 01
www.frontex.europa.eu

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From: [REDACTED]

Sent: 02 October 2014 16:42

To: Frontex

Subject: Border surveillance equipment

Dear Sir/Madam,

Sesanti is a manufacturer of specialist and long-range surveillance equipment ideally suited to border control operations and personnel protection. I would be very interested in exploring how we might be able to support Frontex and would be grateful if you would forward this email to the relevant department.

Many thanks,

[REDACTED]

[REDACTED]

Technical Director

T. : [REDACTED]

M. : [REDACTED]

[REDACTED]

sesanti

Lambda House, Fairview Road, Weyhill, Hampshire. SP11 0ST. UK
www.sesanti.com

FW: Artemis maritime RPAS

Wednesday, October 21, 2015 12:39

Subject	FW: Artemis maritime RPAS
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding
Sent	Tuesday, November 04, 2014 11:31

Dear colleagues,
Please find below the reply to 18259/30.10.2014.
Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit · Capacity Building Division
Tel: +48 22 205 9631

From: [REDACTED]
Sent: Tuesday, [REDACTED]
[REDACTED]
Subject: Artemis maritime RPAS

Dear Mr. [REDACTED]
Thank you for your email. It has been forwarded to me for further handling.
Let me please inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.
Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit · Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: 29 October 2014 16:58
To: [REDACTED]
[REDACTED]
Subject: Artemis maritime RPAS

Dear [REDACTED]

Your name has kindly been given to me by DG MARE in Brussels.

We are looking to develop a maritime vertical take-off and land UAV or RPAS.
This would be ideal for border patrolling and protection especially at sea.
Brief details are attached.

I would greatly appreciate if you could direct me to the appropriate person or persons within F RONTEx whom is responsible for border protection, especially with the problems in the Mediterranean.

Many thanks for your anticipate assistance.

All the very best,

[REDACTED]

Please acknowledge receipt of this email as I am not sure if I have your email address correct.

Tks

[REDACTED]

[REDACTED] | Managing Director

BCB International Ltd, Clydesmuir Rd Ind Est, Cardiff CF24 2QS, United Kingdom

Mobile: [REDACTED] Email: [REDACTED] | Fax: [REDACTED]

Website: www.bcb.in.com | Catalogues & Videos: www.bcb.in.com/downloads.php

Green & Clean Solid Fuel: www.firedragonfuel.com

BCB standard terms and conditions apply. E & OE. All specifications are subject to change. Stock is subject to prior sale, lead times are approximate. Any local duties, taxes, delivery arrangements etc are the consignee's responsibility. The views expressed in this email are of the sender and not the company. If you have received this message in error, please inform the sender and delete all copies. Company registration number: 1442485 VAT Number: GB 108 299 108 Please consider the environment before printing this email.

RE: Invitation to give a presentation at Airborne ISR & C2 Battle Management Conference, 10-12.03, London

Wednesday, October 21, 2015 12:40

Subject	RE: Invitation to give a presentation at Airborne ISR & C2 Battle Management Conference, 10-12.03, London
From	[REDACTED]
To	Frontex
Cc	HoRDU; director.capacitybuilding
Sent	Tuesday, December 02, 2014 11:40

Dear colleagues,

May I kindly ask you to reply to the email 19158/14.11.2014 as follows. Thank you. Best regards, [REDACTED]

"From: Frontex

To [REDACTED]

Subject: PRAXI Network / FORTH - research project

Dear Mrs. [REDACTED]

Thank you for your email. Let us please inform you that the mandate of Frontex doesn't foresee the funding of projects initiated by other entities. Nevertheless the Research and Development Unit of Frontex collaborates with academia and industry in the scope of technologies and research projects relevant for border security. An example on these lines would be the regular meetings with industry (for more details please refer to the Frontex website at: <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF>). Another example is the workshop with European industry and academia which lead research and development projects aiming at developing new products, technologies/solutions for border security and using other financial sources than EU (FP7/Horizon) financing. The registration is closed for this year's workshop, but you can apply for the meeting which will take place in 2015 once the invitation will be published (for more details please refer to the Frontex website at: <http://frontex.europa.eu/news/invitation-for-industry-and-academia-B9rTeX>). The two mentioned examples could be appropriate frameworks for meeting Frontex experts and discuss on topics of common interest.

In case that you are interested also by other activities in the field of border security technologies organized by Frontex and involving academia and industry, please be informed that all Frontex announcements/invitations on these lines are published in the News section on the official website.

Best regards,

Frontex"

From: Registration

Sent: 14 November 2014 10:38

To: director.capacitybuilding

Cc: HoRDU

Subject: Cooperation proposal from PRAXI Network

Date: 14.11.2014	Reg.No: 19158
Responsible Organisation:	Cc:
Remark:	Deadline:

Remark for staff member:		
Reference: BAU		

Best Regards



Rondo ONZ 1
00-124 Warsaw, Poland
Tel. +48 22 205 95 00
Fax +48 22 205 95 01
www.frontex.europa.eu

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From: [REDACTED]
Sent: 13 November 2014 18:36
To: Frontex
Subject: PRAXI Network / FORTH - research project

Dear Sir or Madam,

I'm writing from PRAXI Network / FORTH, member of Enterprise Europe Network, regarding a research project which plans to develop patrolling robot vessels. The research project is under development by a Greek research group and PRAXI Network supports the scientists in searching collaborations.

In this framework, I am contacting FRONTEX in order to ask if you have the possibility to fund research projects and which are the requirements and criteria to do so. Apart from that, I would like to ask if there is any scheme for research collaboration with FRONTEX. The research group would also be interested in having some feedback from FRONTEX about the project idea.

Of course, we are willing to provide any further information in case you are interested. I am looking forward for your answer and instructions.

Thank you in advance.

Yours faithfully,

[REDACTED]

[REDACTED]

Physicist
Technology Transfer Consultant

PRAXI Network

FING, 1, Morichovou sq.,
546 25 Thessaloniki, Greece

Tel. [REDACTED]

[REDACTED]

e-mail [REDACTED]

www.help-forward.gr



A unit of the Foundation for Research & Technology - Hellas (FORTH)
Coordinator of the Enterprise Europe Network - Hellas
National Contact Point for Horizon2020

FW: Sea Search: meeting with DFRC

Wednesday, October 21, 2015 12:40

Subject	FW: Sea Search: meeting with DFRC
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding; [REDACTED]
Sent	Wednesday, December 10, 2014 18:02

Dear colleagues,
Please find underneath the reply to 20909/10.12.2014.
Best regards,

From: [REDACTED]
Sent: Wednesday, December 10, 2014 18:01
To: [REDACTED]
Subject: Sea Search: meeting with DFRC

Dear Mrs. [REDACTED] a,

Thank you for your email. It has been forwarded to me for further processing. Let me please inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

According to it, the possibility exists for industry to visit Frontex and brief Frontex experts on its portfolios of products and services in the field of border security. For this purpose, a Visit Proposal Form available at: <http://btn.frontex.europa.eu/form/visit-proposal-form> must be completed and submitted. The applications are analysed and 2 meetings/year will take place (end October and end of March each year) with the selected companies.

In case that you are interested also by other activities in the field of border security technologies organized by Frontex, please be informed that all Frontex announcements/invitations on these lines are published in the News section on the official website.

One of the activities that could be of your interest for the next year's fall is a workshop with European industry and academia which lead research and development projects aiming at developing new products, technologies/solutions for border security and using other financial sources than FP7 financing (e.g. Industry's/Academia's own funds). Frontex will invite soon European industry and academia to send their applications by filling in the form available at: <http://btn.frontex.europa.eu/form/application-form-workshop-newongoing-projects-developing-border-security-productstechnologiesso>. The applications received will be evaluated based on relevance and novelty.

Thank you for your understanding.

Best regards,

[REDACTED]
Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: 08 December 2014 22:47
To: [REDACTED]
Cc: [REDACTED] HoRDU
Subject: Re: Sea Search: meeting with DFRC

Dziękuję [REDACTED]

We have made an initial assessment in my unit and consider this matter rather linked with activities under our Research & Development Unit; I copy in the email of the Head of this unit.

Wesołych Świąt i szczęśliwego Nowego Roku

[REDACTED]

From: [REDACTED]

Sent: 01 December 2014 13:09

To: [REDACTED]

Cc: [REDACTED]

Subject: Re: Sea Search: meeting with DFRC

Dear [REDACTED]

here please find attached the latest versions of Sea Search concept.

I hope this information would be of your and your team interest.


I take the opportunity to send my Christmas Greetings and all the best for 2015.

With kind regards,

[REDACTED]

FW: HASP

Wednesday, October 21, 2015 12:40

Subject	FW: HASP
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding
Sent	Monday, December 15, 2014 11:52
Attachments	 FRT-GA-141 104

Dear colleagues,
Please find below the reply to 18537/04.Nov.2014
Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit · Capacity Building Division
Tel: +48 22 205 9631

From: [REDACTED]
Sent: Monday, December 15, 2014 11:50
To: [REDACTED]
Subject: OAD: HASP

Dear [REDACTED]

Thank you for your email. It was forwarded to me for further processing. I understand that you are looking for potential end-users that could be interested to operate a new platform, located between the traditional RPAS or airplane and the low-orbit satellite, to be used for earth observation, data collection, ship tracking or border control. As you mentioned, you would like firstly to identify with a potential end-user the key requirements for a specific mission (sea/land border control).

Referring to that, you could contact the Member States border guard authorities which might answer to your request depending on their needs/interest on the subject proposed by you. For more details on the mentioned authorities, please refer to Frontex webpage at: <http://frontex.europa.eu/partners/national-authorities/>.

Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit · Capacity Building Division
Tel: +48 22 205 9631

From: OAD - [REDACTED]
Sent: 04 November 2014 09:08
To: [REDACTED]
Subject: OAD: HASP

Bonjour,

Comme convenu lors de notre entretien hier matin en vos bureaux à Varsovie, je vous fais parvenir une demande d'information relative aux spécifications liées au contrôle des frontières en mer (sur terre).

N'hésitez pas à me contacter si nécessaire.

Encore merci pour votre collaboration.

Bien à vous,

[REDACTED]
Managing Director
OAD

Before printing this e-mail, think about the environment ...

Optimal Aircraft Design - [REDACTED]

[REDACTED] info@oad.aero

Web : www.oad.aero

FW: Artemis maritime RPAS

Wednesday, October 21, 2015 12:40

Subject	FW: Artemis maritime RPAS
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding
Sent	Tuesday, November 04, 2014 11:31

Dear colleagues,
Please find below the reply to 18259/30.10.2014.
Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit - Capacity Building Division
Tel: +48 22 205 9631

From: [REDACTED]
Sent: Tuesday, November 04, 2014 11:30
To: [REDACTED]
Subject: Artemis maritime RPAS

Dear Mr. [REDACTED]
Thank you for your email. It has been forwarded to me for further handling.
Let me please inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.
Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: 29 October 2014 16:58
To: [REDACTED]
Subject: Artemis maritime RPAS

Dear [REDACTED]

Your name has kindly been given to me by DG MARE in Brussels.

We are looking to develop a maritime vertical take-off and land UAV or RPAS.
This would be ideal for border patrolling and protection especially at sea.
Brief details are attached.

I would greatly appreciate if you could direct me to the appropriate person or persons within FRONTEX whom is responsible for border protection, especially with the problems in the Mediterranean.

Many thanks for your anticipate assistance.

All the very best,

[REDACTED]

Please acknowledge receipt of this email as I am not sure if I have your email address correct.

Tks

[REDACTED]

[REDACTED] Managing Director

BCB International Ltd, Clydesmuir Rd Ind Est, Cardiff CF24 2QS, United Kingdom

Mobile: [REDACTED] | [REDACTED] | Fax: [REDACTED]

Website: www.bcb.in.com | Catalogues & Videos: www.bcb.in.com/downloads.php

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FW: Request for meeting with Frontex for next week

Wednesday, October 21, 2015

12:40

Subject	FW: Request for meeting with Frontex for next week
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding
Sent	Friday, October 24, 2014 13:43

Dear colleagues,

Please find underneath the reply to 17868/23.10.2014.

Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]

Sent: Friday, October 24, 2014 13:41

To: [REDACTED]

Subject: Request for meeting with Frontex for next week

Dear Mr. [REDACTED]

Thank you for your email. Let me please inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

According to it, the possibility exists for industry to visit Frontex and brief Frontex experts on its portfolios of products and services in the field of border security. For this purpose, a Visit Proposal Form available at: <http://btn.frontex.europa.eu/form/visit-proposal-form> must be completed and submitted. The applications are analysed and 2 meetings/year will take place (end October and end of March each year) with the selected companies.

Thank you for your understanding.

Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]

Sent: Thursday, October 23, 2014 12:43

To: [REDACTED]

Cc: [REDACTED]

Subject: Request for meeting with Frontex for next week

Dear [REDACTED]

Referring to our tel. conference I kindly request meeting with you next week (October 27-31,2014) and the US company ATK which is interested to for follow up discussion on illuminating flares and seismic sensors. Enclosed I'm sending the presentation.

Hope to meet you and your colleagues next week,

Best regards,

[REDACTED]
President of Unitronex Poland Sp. z o.o.
ul. Grochowska 341/68
03-822 Warszawa, Poland

[REDACTED]
fax +[REDACTED]
mob [REDACTED]
e-mail [REDACTED]

W nawiązaniu do Pani spotkania z panem Ighor Uzhinsky z firmy ATK (USA) i przesłanej oferty na flary uprzejmie informuję, że w dniach 27-31.10.2014 przebywać będzie w Warszawie delegacja ATK/Unitronex Corporation, której przedstawiciele zainteresowani są spotkaniem w temacie flar i sensorów sejsmicznych.

Proszą uprzejmie o podanie dogodnego dla Pani terminu spotkania,
Pozdrawiam,

[REDACTED]
President of Unitronex Poland Sp. z o.o.
ul. Grochowska 341/68
03-822 Warszawa, Poland

[REDACTED]
fax [REDACTED]
mob +[REDACTED]

FW: Operational Training Solutions for FRONTEX Members States

Wednesday, October 21, 2015 12:41

Subject	FW: Operational Training Solutions for FRONTEX Members States
From	[REDACTED]
To	Registration
Cc	HoRDU; director.capacitybuilding
Sent	Wednesday, October 22, 2014 11:22

Dear colleagues,
Please find below the reply to 17183/13.10.2014.
Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit · Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: Wednesday, October 22, 2014 11:19
To: [REDACTED]
Subject: Operational Training Solutions for FRONTEX Members States

Dear Mr. Morelli,

Thank you for your email. It has been forwarded to me for further handling. We will investigate with our stakeholders the opportunity for such trainings (although, in my opinion, the mentioned topics are more in the field of Customs than in the domain of Border Police). We will let you know on the outcome.

On the other hand let us please also inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

Best regards,

[REDACTED]

[REDACTED]

Research Officer
Research and Development Unit · Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: Wednesday, October 01, 2014 2:10 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: Operational Training Solutions for FRONTEX Members States

Dear Ms K [REDACTED]

I hope you are very well. We met a few years ago in Prague during a Security symposium and I had fortunately kept your contact information.

I am the Business Development Director for S2 Global covering Europe.

Our company S2 Global is a worldwide service provider to Customs Agencies , Government Agencies, Ports Terminal operations, and airports concessions authorities, in terms of turnkey inspection services utilizing cargo , baggage and pallet x ray technology products as well as radiation detection systems.

We are operational in Mexico, Puerto Rico, Albania and in other European countries.

We have also implemented in many countries and for several Customs and Ports , borders authorities mobile operating training classes and programs which are video based, factual, multilingual and tailored to the needs of these organizations (x ray image analysis, detection of cash in containers, radiation safety, maintenance , detection of explosives etc). I have attached for your review a summary booklet as an example of our training portfolio offerings.

I would like if of you interest to arrange a meeting with you and the FRONTEX team to review and discuss if our training programs and concept could be useful to FRONTEX and to the organizations, authorities and Customs Agencies you are assisting on a daily basis to improve their efficiency.

I am based in Europe and would be available at your convenience for a meeting discussion anytime in November of December.

Please let me know if this would be of your interest and if yes, which weeks or day (s) would be available for us to meet ?.

I will be looking for your feedback.

Thank you for your time.

Best regards

[REDACTED]
Business Development Director
S2 Global Screening Services
Tel : (1) [REDACTED]

[REDACTED]
www.screeningsolution.com

www.rapiscansystems.com

Re: Help to attend the ED4BG 2014

Wednesday, October 21, 2015 12:41

Subject	Re: Help to attend the ED4BG 2014
From	[REDACTED]
To	[REDACTED]
Sent	Friday, April 04, 2014 17:43

Dear [REDACTED]

thank you for dedicating me your time and provide me these information.

Sure, we will continue to check the Frontex website to see if there will be dedicated meeting suiting in the scope of our activities and try, when allowed, to request the invitation. However it remain for me unclear which kind of meeting would be suit in the scope of EOS activities if the only one which yearly takes "around a table" all the main practical actors is precluded to us.

The new procedure seems to me not well fitting in our scope but we will try to use also this tool if there will be the right conditions in the future: thanks again to suggest me this extreme possibility.

I sincerely hopes to have chances in external events although this could not fill the gap, in my perspective, compared with a direct involvement in the "discussion".

Wishing you a nice weekend, let me provide my Kind Regards

[REDACTED]
[REDACTED]
[REDACTED]

Senior Programme Manager



10 Rue Montoyer
B-1000 Brussels
Tel : [REDACTED]
Mob: [REDACTED]
www.eos-eu.com

EOS is registered at the EU Transparency: 32134385519-64

On 04 Apr 2014, at 12:35, Dragos Voicu <Dragos.Voicu@frontex.europa.eu> wrote:

Dear [REDACTED]

Thank you for your e-mail.

In response to it let me clarify the following. It was Frontex decision to change the scope of this year' edition of the ED4BG and to have a more focused exhibition dedicated to the ongoing projects in the framework of Framework Program 7 in order to facilitate the contact between the Member States authorities involved in border security and the EU funded research projects related to this domain. For this reason no registration process of other parties than those involved in these projects is foreseen.

As far as broader interaction with industry is concerned, I kindly refer you to the Frontex website where our invitations to industry for participating in specific workshops organized by Frontex are published.

In addition a new procedure for meeting industry outside the framework of the just mentioned workshops was introduced. I included a reference to that new procedure in my previous e-mail. EOS and any other similar industry associations are also invited to file a request following the same procedure. The request will be dealt with in accordance with its content and nature.

I would like to use this occasion to inform you that one of the reasons for creating this procedure is to see to it that all relevant actors within Frontex are informed about requests from the side of

industry (or industry representing organizations for that matter) and have the opportunity to participate in eventual meetings organized as a result of those requests.

Without doubt the multitude of the events dedicated to border security domain will offer us even outside the scope of the procedure outlined above opportunities for a dialog on different topics on relevance to both of us.

Best regards,

[REDACTED]

[REDACTED]
Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: Wednesday, April 02, 2014 12:01
To: [REDACTED]
Subject: Re: Help to attend the ED4BG 2014

Dear [REDACTED]

thank you lot for caring of my request and to inform me on the closed status of the registration: unfortunately I have never found the way to access to this registration process : the FRONTEX website, I visited during the past month, never show clearly, as in the past, how to access to this process.

I consider very valuable the participation to the EB4DG day of the ongoing FP7 projects PERSEUS and CLOSEYE; however, this choice practically exclude from the debate other Suppliers' and Research's actors not present in these specific consortia.

Thank a lot also to inform me on the new process established by the Agency for meeting the single industries operating in the border domain. I clearly understand the need to organise the interaction between the Agency and the single industrial entities. Unfortunately EOS, the organisation I work for doesn't fit into the scope of the FRONTEX procedure: we are not allowed to propose a specific product or set of products, but only to facilitate the dialog and try to represent the private side with a single voice.

In my opinion, under this condition the dialog between the Agency and the European Organisation for Security and other similar Associations should be considered in a separate perspective in order to allow a more transparent, synergic, effective contribution of the European Industry to the implementation of the Border Security policies.

I really will appreciate if my concerns could be taken in consideration and possibly proposed to the attention of all the FRONTEX officials who could be interested in the governance of the relation with the European Industry as a whole.

In any case, if my participation to the ED4BG would be excluded, I hope to have the chance to meet you again in other contexts and share words on this and other hot topics concerning the border surveillance and management.

Thank you again for your kindness. Kind Regards

[REDACTED]

[REDACTED]

Senior Programme Manager
<image001.png>

10 Rue Montoyer
B-1000 Brussels
Tel : [REDACTED]
Mob: [REDACTED]
www.eos-eu.com

EOS is registered at the EU Transparency: 32134385519-64

On 01 Apr 2014, at 17:15, [REDACTED] wrote:

Dear [REDACTED]

Thank you for your email. Let me please inform you that as far as this years' ED4BG is concerned, industry participation is foreseen only for those who are part of European funded ongoing border security research projects (FP7 projects). At this moment the registration process is closed.

Let me please also inform you that Frontex has put in place a new procedure for meetings with industry. I kindly refer you to the Frontex webpage, at <http://frontex.europa.eu/news/announcement-to-industry-gyZ1cF> for further information.

Thank you for your understanding.

Best regards,

[REDACTED]

[REDACTED]
Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: [REDACTED]
Sent: Monday, March 31, 2014 11:49
To: [REDACTED]
Subject: Help to attend the ED4BG 2014.

Dear [REDACTED]

I tried unsuccessfully to subscribe on the FRONTEX website to the ED4BG day of May 22nd, as I used to do before.

I have attended the events in the past years and would like to be there this year as well. My report in the working group of EOS helped a wider number of industries to be aware of the needs expressed in those events.

[REDACTED] suggested me to ask if you can help me somehow to get an invitation for the ED4BG 2014.

Hope to hear you soon , in order to arrange a plan for coming in Warsaw on May.

Kind Regards

[REDACTED]

[REDACTED]
Senior Programme Manager
<image001.png>

Wednesday, October 21, 2015 12:41

Wednesday, October 21, 2015 12:41

Dear colleagues,
Please find below the reply to: 19249/14.11.2014.
Best regards,

From: [REDACTED]
Sent: Thursday, November 20, 2014 15:30
Subject: Eurodéfense - Délégation - projet mail en anglais - conférence 10 Décembre

Dear Mr. [REDACTED],

Thank you for your invitation. I regret to inform you that, due to previous commitments and planned activities for 10 December 2014, I cannot attend the conference "TOWARDS A EUROPEAN BUDGET FOR DEFENCE R&D". Thank you very much for your understanding.

Wishing you a successful event,

Best regards,

Research Officer
Research and Development Unit - Capacity Building Division
Tel: [REDACTED]

From: EuroDéfense-France [REDACTED]
Sent: Friday, November 14, 2014 16:08
To: EuroDéfense - France - Délégation
Cc: [REDACTED]

[REDACTED]

Subject: Eurodéfense - Délégation - projet mail en anglais - conférence 10 Décembre

*"The Group of the European People's Party and Eurodefense France have the pleasure to invite you to a high level conference **"TOWARDS A EUROPEAN BUDGET FOR DEFENCE R&D"** on December 10, 2014 from 3pm to 5pm. at the European Parliament, 3 rue de Treves, 1000 Brussels. You will find attached the flyer of the conference.*

*This event is hosted by Mr **Arnaud Danjean**, Member of European Parliament, who has invited very distinguished speakers for a high level discussion:*

***Christian Ehler**, Member of European Parliament*

***Claude-France Arnould**, Director General, European Defence Agency*

***General Jean-Paul Perruche**, President of Eurodefense France*

***Ingénieur Général de l'Armement Philippe Roger**, former International Director of the French Armament Directorate*

***Edgar Buckley**, moderator, former senior vice-president of Thales Group, EU & NATO Affairs*

Please find, attached, a registration form to be returned before December 02 to Eurodéfense-France which will confirm directly to Mr Danjean's secretary.

All requested information is mandatory to enter in the European Parliament.

Please, note that people who do not have permanent or temporary access to the Parliament will have to come half an hour before.

Waiting for your reply, I remain at your disposal for any further information,

Best regards.

*Capt(N) [REDACTED]
EuroDéfense France
Delegation*

EuroDéfense - France

*1, place Joffre
Case 44
75700 PARIS SP »*

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Post Meeting briefing note for DCBD

Meeting with Thales France, Thales Spain and Thales Poland

Participants:

[REDACTED] - RDU
[REDACTED] SBS
[REDACTED] - PRes
[REDACTED] - Pres
[REDACTED] - Thales Spain
[REDACTED] - Thales
[REDACTED] Thales Polska

Place of meeting:	Frontex
Dates of meeting:	11 February 2014
Location:	1057

The aim of the meeting was to be briefed on the solutions of Thales on border surveillance technologies. Thales presentation was focused on:

- the UMT/Mobile Thermal Unit from Thales Spain - vehicle for surveillance using Gecko mast with new generation IR cameras - SUZI from Thales Optronique;
- the unmanned air vehicle Fulmar (from Thales Spain) (but also F2, SpyArrow, SpyCopter and SpyRanger and F150 RPAS).

Different scenarios for using Fulmar have been presented, but also the improvements done since Frontex organized the RPAS workshop and demonstration in Greece 2011 (e.g. the data link range extended to 70 km, but also other improvements mentioned in the presentation).

In addition, other elements of portfolio have been presented: Coastal radars: CoastWatcher 10 and 100 for medium and long range coastal surveillance; Comander C3 system; Sophie and Margot thermal cameras etc.

Discussions on capabilities and drawbacks of cooled and uncooled thermal cameras have also been held.

The presentations held are well synthesized in the documentation received from Thales: \\aofrontex.local\frontex-shared\Restricted Area\Capacity Building Division\Research and Development\PROGRAMMES & PROJECTS\Meetings with Industry\Meetings 2014\Thales.

[REDACTED]

Warsaw, 07.03.2014
Our ref: 3869/07.03.2014
Please quote when replying.

Geo-Intelligence
Airbus Defence and Space

United Kingdom

Invitation issued by Frontex Research & Development Unit

Dear Mr. [REDACTED]

It gives me great pleasure to invite you to present the project LOBOS within the exhibition hosted by our annual "European Day for Border Guards (ED4BG)" and also during the workshop on European Funded Research Projects (border surveillance strand), events taking place on 22 and 23 May 2014 respectively, in Warsaw, Poland.

A unique forum in the world of border security and management, ED4BG acts as a bridge between the worlds of academia, border authorities and technology research. It allows their representatives to come together to share insights and experiences, as well as lay out a vision for the future of the sector. Above all it is an appreciation of Europe's border management personnel whether for their role as front line defence against illicit activity at the frontiers or as guardians of human safety.

This year's edition of ED4BG will focus not only on highlighting the work of European border guards, but also the ethical and technical complexities caused by mass migration. In this context, Frontex has organised an opening lecture on evolution of European frontiers, followed by the main debate on Integrated Border Management and its way forward.

During the event we will also focus on EUROSUR, contingency planning and cost effectiveness in border control.

Side attractions of the day will include the exhibitions of National Border Guard Authorities and of the European Funded Research Projects. Additionally, short documentaries and a photo exhibition on border management matters are foreseen.

Following the event on 22 May, an informal dinner will be held at 19:30 for those who wish to attend.

The workshops planned for the next day, 23 May 2014, are dedicated to an in depth presentation of the ongoing European Funded Research Projects to the invited experts, obtain their feedback and ideas on how to steer/improve the projects' content in order to better serve the end user's interest, open discussions on possible demonstrations that could take place in interested Member States and on possible exploitation of the projects' results.

In order to register, please fill in the attached registration form and send it to [redacted]ropa.eu by **28 March 2014**.

Together with this invitation please find attached information on accommodation. Please note the deadlines for room's booking in the accommodation information attached.

For any further information and logistic arrangements, please contact Dragos Voicu (tel. + [redacted] mob. [redacted], e-mail: [redacted]u).

Respectfully yours,


[redacted] Research & Development Unit



Warsaw, 14.03.2014
Our ref: 4301/14.03.2014
Please quote when replying.

[REDACTED]
GMV

Balmes 268-270, 5ª Planta
E-08006 Barcelona, Spain

Invitation issued by Frontex Research & Development Unit

Dear Mr. [REDACTED]

It gives me great pleasure to invite you to present the project SAGRES within the exhibition hosted by our annual "European Day for Border Guards (ED4BG)" and also during the workshop on European Funded Research Projects (border surveillance strand), events taking place on 22 and 23 May 2014 respectively, in Warsaw, Poland.

A unique forum in the world of border security and management, ED4BG acts as a bridge between the worlds of academia, border authorities and technology research. It allows their representatives to come together to share insights and experiences, as well as lay out a vision for the future of the sector. Above all it is an appreciation of Europe's border management personnel whether for their role as front line defence against illicit activity at the frontiers or as guardians of human safety.

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During the event we will also focus on EUROSUR, contingency planning and cost effectiveness in border control.

Side attractions of the day will include the exhibitions of National Border Guard Authorities and of the European Funded Research Projects. Additionally, short documentaries and a photo exhibition on border management matters are foreseen.

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The workshops planned for the next day, 23 May 2014, are dedicated to an in depth presentation of the ongoing European Funded Research Projects to the invited experts, obtain their feedback and ideas on how to steer/improve the projects' content in order to better serve the end user's interest, open discussions on possible demonstrations that could take place in interested Member States and on possible exploitation of the projects' results.

In order to register, please fill in the attached registration form and send it to [REDACTED]x.europa.eu by 28 March 2014.

Together with this invitation please find attached information on accommodation. Please note the deadlines for room's booking in the accommodation information attached.


For any further information and logistic arrangements, please contact [REDACTED]
[REDACTED] (tel. + [REDACTED], mob. + [REDACTED] e-mail: [REDACTED])

Respectfully yours,


[REDACTED] Research & Development Unit



Warsaw, 18.03.2014
Our ref: 4621/18.03.2014
Please quote when replying.


DCNS SA
Division Systèmes d'Information et de Sécurité

BP 403 - F- 83055, Toulon Cedex
France

Invitation issued by Frontex Research & Development Unit

Dear Mr. 

It gives me great pleasure to invite you to present the project I2C within the exhibition hosted by our annual "European Day for Border Guards (ED4BG)" and also during the workshop on European Funded Research Projects (border surveillance strand), events taking place on 22 and 23 May 2014 respectively, in Warsaw, Poland.

A unique forum in the world of border security and management, ED4BG acts as a bridge between the worlds of academia, border authorities and technology research. It allows their representatives to come together to share insights and experiences, as well as lay out a vision for the future of the sector. Above all it is an appreciation of Europe's border management personnel whether for their role as front line defence against illicit activity at the frontiers or as guardians of human safety.

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During the event we will also focus on EUROSUR, contingency planning and cost effectiveness in border control.

Side attractions of the day will include the exhibitions of National Border Guard Authorities and of the European Funded Research Projects. Additionally, short documentaries and a photo exhibition on border management matters are foreseen.

Following the event on 22 May, an informal dinner will be held at 19:30 for those who wish to attend.

The workshops planned for the next day, 23 May 2014, are dedicated to an in depth presentation of the ongoing European Funded Research Projects to the invited experts, obtain their feedback and ideas on how to steer/improve the projects' content in order to better serve the end user's interest, open discussions on possible demonstrations that could take place in interested Member States and on possible exploitation of the projects' results.

In order to register, please fill in the attached registration form and send it to [redacted]@ontex.europa.eu by **28 March 2014**.

Together with this invitation please find attached information on accommodation. Please note the deadlines for room's booking in the accommodation information attached.

For any further information and logistic arrangements, please contact [redacted] (tel. + [redacted], mob. [redacted] e-mail: [redacted]@ontex.europa.eu).

Respectfully yours,

[redacted] Research & Development Unit



Warsaw, 18.03.2014
Our ref: 4626/18.03.2014
Please quote when replying.

[REDACTED]
INDRA SISTEMAS S.A.

Anabel Segura 7
Alcobendas, Madrid,
Spain

Invitation issued by Frontex Research & Development Unit

Dear Mr. [REDACTED]

It gives me great pleasure to invite you to present the project PERSEUS within the exhibition hosted by our annual "European Day for Border Guards (ED4BG)" and also during the workshop on European Funded Research Projects (border surveillance strand), events taking place on 22 and 23 May 2014 respectively, in Warsaw, Poland.

A unique forum in the world of border security and management, ED4BG acts as a bridge between the worlds of academia, border authorities and technology research. It allows their representatives to come together to share insights and experiences, as well as lay out a vision for the future of the sector. Above all it is an appreciation of Europe's border management personnel whether for their role as front line defence against illicit activity at the frontiers or as guardians of human safety.

This year's edition of ED4BG will focus not only on highlighting the work of European border guards, but also the ethical and technical complexities caused by mass migration. In this context, Frontex has organised an opening lecture on evolution of European frontiers, followed by the main debate on Integrated Border Management and its way forward.

During the event we will also focus on EUROSUR, contingency planning and cost effectiveness in border control.

Side attractions of the day will include the exhibitions of National Border Guard Authorities and of the European Funded Research Projects. Additionally, short documentaries and a photo exhibition on border management matters are foreseen.

Following the event on 22 May, an informal dinner will be held at 19:30 for those who wish to attend.

The workshops planned for the next day, 23 May 2014, are dedicated to an in depth presentation of the ongoing European Funded Research Projects to the invited experts, obtain their feedback and ideas on how to steer/improve the projects' content in order to better serve the end user's interest, open discussions on possible demonstrations that could take place in interested Member States and on possible exploitation of the projects' results.

In order to register, please fill in the attached registration form and send it to [REDACTED].europa.eu by **28 March 2014**.

Together with this invitation please find attached information on accommodation. Please note the deadlines for room's booking in the accommodation information attached.

For any further information and logistic arrangements, please contact [REDACTED] (tel. + 4 [REDACTED], mob. + [REDACTED] e-mail: [REDACTED]@rontex.europa.eu).

Respectfully yours,


[REDACTED] Research & Development Unit

Report on the exhibition and workshops on EU funded projects in the field of border checks and maritime surveillance

-Deliverable 3 of SFBSR 2014 project-

Done at Warsaw

09/06 /2014

Draft v. 1



European Agency for the Management
of Operational Cooperation
at the External Borders of the Member States
of the European Union

www.frontex.europa.eu
Rondo ONZ 1, 00-124 Warsaw, Poland
Tel. +48 22 205 95 00
Fax +48 22 205 95 01

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2. Exhibition of EU funded border security research projects in the framework of ED4BG (22 May)

The exhibition organized in the framework of the European Day for Border Guards - ED4BG (22 May 2014) was dedicated to the presentation to a large audience of the scope, goals and results of the ongoing EU funded research projects relevant for border security.

The outcome:

- the projects' results (for the projects started in the previous years) and goals (for the new projects) were presented to a large audience, hence the projects were better disseminated in the relevant community;
- input from the audience was obtained and it is considered that it could lead to a better orientation of the projects towards the users' needs;
- the contacts between EU funded projects leaders and potential end users were facilitated, for further communication and interaction.

Participants:

- 20 projects were invited, 8 out of them in the field of maritime surveillance and 12 relevant for border checks. They were represented by 42 experts from industry and academia, involved in the mentioned projects. The display of the stands was done according to the Annex 1;
- 40 border guard services' experts in the field of maritime surveillance and border checks from 22 countries registered;
- 7 colleagues from EC and other agencies attended (DG ENTR, JRC, GSA, EDA, EULISA).

(Please see a detailed list of participants in Annex 2)

3. Workshops on EU funded projects in the field of border checks and maritime surveillance

On 23 May 2014 an in depth presentation of the 20 EU funded research projects relevant for border security projects was done in the framework of 2 workshops (evolving in parallel) between the leaders of the projects, MSs' experts, European bodies and Frontex staff.

Outcome:

- The contacts were facilitated between the Member States border guard authorities, industry, academia, the European Commission (EC) and relevant European agencies, in the framework of the EU funded research projects;
- The projects' aims and contents (for the newly started projects) and the results (for the projects which are about to be finished) were presented to the experts of the Member States border guard authorities;
- Feedback was received from the experts of the Member States border guard authorities;
- Overlapping between certain projects has been identified;
- Premises were created to set up interactions and synergies between projects.

Participants:

For the workshop on maritime surveillance projects (40 participants, please see the Annex 3):

- 17 experts from 15 Member States border guard authorities: Croatia, Estonia, Finland, France, Germany, Greece, Latvia, Malta, Norway, Poland, Portugal, Romania, Spain, Sweden and UK;
- 8 EU funded maritime surveillance research projects: Closeye, I2C, Seabilla, Perseus, Sagres, Lobos, Sunny and Triton; they are represented by 8 experts from the following companies/entities: Guardia Civil - Spain (Closeye project), DCNS - France (I2C project), Selex-ES - Italy (Seabilla project), Indra - Spain (Perseus project), GMV - Spain (Sagres project), Airbus Defence and Space - UK (Lobos project), SAAB Aeronautics - Sweden (Sunny project), Istituto Superiore Mario Boella - Italy (Triton project);
- 4 colleagues from EC and European agencies (DG ENTR, EDA and JRC);
- colleagues from Frontex (Research and Development Unit, Frontex Situation Center, Sea Border Sector, Risk Analysis Unit).

For the workshop on border checks projects (50 participants, please see the Annex 4):

- 23 experts from 18 Member States border guard authorities: Croatia, Czech Republic, Denmark, Estonia, Finland, Germany, Luxembourg, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and UK;
- 12 EU funded research projects on border checks: ABC4EU, FastPass, MobilePass, Fidelity, Ingress, TeraScreen, Consortis, Sniffer, Doggies, Sniffles, Snoopy, Handhold; they are represented by 12 experts from the following companies/entities: Indra - Spain (ABC4EU), AIT Austrian Institute of Technology GmbH - Austria (FastPass and MobilePass), Ministry of Security and Justice - Netherlands (Fidelity), Morpho - France (Ingress), Alfa Imaging - Spain (TeraScreen), VTT Technical Research Centre of Finland (Consortis), Atomic Energy and Alternative Energies Commission - France (Sniffer), Thales Research&Technology - France (Doggies), Da Vinci Laboratory Solutions - Netherlands (Sniffles), University of Brescia - Italy (Snoopy), Queen's University Belfast - Ireland (Handhold) ;
- 2 colleagues from EC and European agencies (DG ENTR and EU-LISA);
- colleagues from Frontex (Research and Development Unit, Air Border Sector, Land Border Sector).

Workshops' agendas are presented in Annex 5 and Annex 6.

An innovation was introduced for the 2 workshops mentioned above. It consisted in the fact that they were chaired by the representatives of MSs (under the supervision of the project manager), as follows:

- Mr. [REDACTED] - Senior Chief Inspector, [REDACTED] Maritime Operation Section (Federal Police Maritime Department, Germany) - chairman of the workshop dedicated to the FP7 maritime surveillance research projects;
- Mr. [REDACTED] - Chief Inspector (Federal Police - Germany) and member of the Advisory Group on Border Security Research - chairman of the workshop dedicated to the FP7 border checks research projects.

4. Short description of projects

4.1. Border checks

1. ABC4EUproject (for more details please refer to Annex 7)



Description:

ABC4EU proposal is addressed to the topic SEC-2012.3.4-6 Enhancing the workflow and functionalities of Automated Border Control (ABC) gates -Integration Project.

During the last years, many ABC gates systems have been deployed in the main European airports, not only as pilot projects intended to test the capability of these systems to improve the border crossing processes in aspects such as speed, security, process automation, false rejection reduction, etc.; but also as fully operational deployments, designed to facilitate the border crossing process to bona-fide travelers while maintaining the security at the border.

Individual experiences gained from these deployments in the EU have been periodically assessed within the Frontex ABC Workshops, where the need for a harmonized approach has been specifically addressed as one of the most urgent issues to be solved. In particular, harmonization would be required in areas as e-passports management, biometrics, gate design, human interface, processes, PKD certificate exchange, signaling and interoperability.

On the other hand, a published EU Smart Border Initiative adds a new approach to be considered in ABC systems development:

“The aim is to protect the security of our borders, whilst ensuring that Europe remains accessible to frequent travelers by using modern technologies in border management. The EES would generate information that would help identify and apprehend irregular immigrants (especially overstayers), thereby deterring irregular immigration. It would also contribute to maintaining a high level of security by generating information that would help prevent terrorism and serious criminal activity and allowing the apprehension of terrorist and criminal suspects.

The RTP, on the other hand, would facilitate the crossing of EU external borders for frequent, pre-screened and pre-vetted third country travelers, while ensuring overall coherence of EU border policy. Together, the EES and RTP would therefore further develop.”

The first step to progress further in the EES and RTP development, as they will be transnational systems, must be a harmonisation of EU border legislation which should predictably result in an amendment of the Schengen Border Code (SBC). The automation of SBC procedures for both EU and third country nationals is not obvious, and while in some cases automated border controls could raise privacy and human rights concerns, others might reveal a certain relaxation compared to the controls that must be performed by a border guard in accordance with the SBC.

Furthermore, from both the organizational and the technical point of view, this new approach necessarily requires a high level of interoperability between all Schengen Nations border management systems, including ABC systems deployed at Schengen borders.

The aim of the ABC4EU project is to identify the requirements for an integrated, interoperable and citizen's rights respectful ABC system at EU level, taking account of the experience gained from the previous ABC pilots and projects and future needs derived from the Smart Border and other EU and national initiatives, all of it while ensuring the protection of citizens' rights, privacy and other related ethical aspects.

This will be finally achieved by the upgrading / amendment (when needed) and integration of already deployed (or deployed in due date) ABC systems in several MS (initially Spain, Portugal, and another location to be defined after a new end user is engaged at the beginning of the project) covering all types of borders, i.e. airports, harbors and land borders. RTP and EES concepts will be specifically tested in the project to assess their feasibility

Main Goals:

- Analyze the ABC concept vs EU legislation, in particular the Schengen Border Code, to identify which processes can / cannot be automated and the impact that different levels of automation could have in the SBC procedures.
- Optimize and harmonize the ABC processes related to the increasing flow of people crossing borders, without undue delay and with minimal intrusion.
- Assess the feasibility of a future Registered Travel Programme (RTP) in the EU which could be integrated into the ABC gates from the technical, functional and ethical points of view. This would allow third country nationals to benefit from an automated BCP process in terms of flow efficiency, while maintaining the security requirements of the border crossing.
- Assess the feasibility of a future Entry / Exit System (EES) in the EU which could be integrated into the ABC gates from the technical, functional and ethical points of view.
- Evaluate, optimize and harmonize the use of 2nd generation passports biometrics (facial and fingerprint) for passengers identification.
- Identification and design of a basic set of features to achieve a common user experience, involving ABC infrastructure, passenger verification processes, interface look and feel, signaling, etc.
- Identification and removal of obstacles which are preventing today the certification distribution throughout Europe both for ePassport verification (CSCA - DS certificates) and for Extended Access Control (TA certificates) to access the fingerprint information in 2nd generation ePassports.
- Critically assess and evaluate the compliances of the proposed processes with the legal requirements to protect fundamental rights, in particular the protection of personal data and with ethical principles.
- Development of a C4I concept for the control and coordination of BCPs, following the structure of a network of National and European Coordination Centers proposed in the EUROSUR initiative.
- Recommendations for future possible integration with other border control systems (regulated and not regulated).

Link: www.abc4eu.com

2. FastPass project (for more details please refer to Annex 8)



Description:

FastPass will establish and demonstrate a harmonized, modular approach for Automated Border Control (ABC) systems. Border control is a major challenge for security and mobility within the EU. Travellers request a minimum delay and a speedy border crossing, while Border Guards must fulfil their obligation to secure the EUs borders against illegal immigration and other threats. Fastpass will serve both demands at the same time to keep security at the highest level while increasing the speed and the comfort for all legitimate travellers aiming at a minimum of privacy intrusion.

Secure system design and improved traveller identification technologies, such as new biometric modules will increase the security of the ABC process and minimize spoofing. The entire innovation process, from components development to the final design of the harmonized user interface, will be accomplished with continuous end-user involvement and evaluated by the two end user groups, travellers and border guards. Demonstration and evaluation at all types of border (air, land and sea) will be implemented in at least three different member states. FastPass will develop a reference architecture for ABC gates, and will pursue a European initiative for a global standard in ABC technology.

Link: www.fastpass-project.eu

3. FIDELITY project (for more details please refer to Annex 9)



Description:

FIDELITY will analyze shortcomings and vulnerabilities in the ePassport life cycle, and develop technical solutions and recommendations to overcome them. FIDELITY will demonstrate privacy-enhanced solutions to secure issuing processes (fraud prevention), improve ePassport security and usability (authentication processes), better manage lost and stolen passports and ensure privacy (privacy-by-design).

FIDELITY will strengthen trust and confidence of stakeholders and citizens in ePassports, provide more reliable ID checks, hence hinder criminal movements. Solutions will be designed for backwards compatibility to be deployed progressively in the existing infrastructure.

The FIDELITY consortium is composed of market-leading companies, innovative SME, renowned academia, ethical-sociological-legal experts, and end-users. They will, with the other partners actively promote the project results towards stakeholders and international working groups that elaborate future ePassport standards.

Link: <http://www.fidelity-project.eu/>

4. INGRESS project (for more details please refer to Annex 10)

INGRESS

Description:

INGRESS aims to research, develop and validate innovative technologies to take fingerprint images. It will pave the way to the manufacturing of novel fingerprint scanners capable of properly sensing fingerprints of intrinsic very-low quality and/or featuring superficial skin disorders.

The project focuses on capturing sub-surface fingerprint and delivering a high-quality image through medical imaging technique, such as ultrasound, and Full Field Optical Coherence Tomography. Printed Organic Electronics technologies (such as OLED) will also be studied to create a new generation of high resolution and mobile fingerprint sensors.

Therefore, the new scanners will be robust to voluntary or involuntary finger alteration enabling equal access to the biometric technology for all citizens.

INGRESS will validate the developed technologies and propose a technology development roadmap for the purpose of using fingerprints from identity documents in border control and law enforcement applications.

Link: not yet ready

5. MobilePass project (for more details please refer to Annex 11)



MobilePass

Description:

MobilePass will focus on research and development towards technologically advanced mobile equipment at land border crossing points. This will allow border control authorities to check European, visa-holding and frequent third country travelers in a comfortable, fast and secure way. The mobile solution incorporates new technologies needed in mobile scenarios and embeds them in the actual border crossing workflow to speed up control procedures.

MobilePass brings together system- and component producers, research institutions and governmental authorities.

Improved traveler identification technologies, such as contactless fingerprint capture and advanced mobile facial capture will increase the security, minimize spoofing and evasion, while making the control less cumbersome for passengers.

A system evaluation and demonstration will be done in two different member states. Compliance with European societal values and citizens' rights is central to the acceptance of the developed technologies, and will accompany the development throughout the project.



Link: <http://www.mobilepass-project.eu/>

6. TeraSCREEN project (for more details please refer to Annex 12)



Description:

The objective of TeraSCREEN is to provide safe automatic detection and classification of body-borne threats for security screening, whilst respecting privacy and increasing current throughput rates. This will significantly improve both efficiency and security at border checks.

TeraSCREEN is developing passive and active operation at several Terahertz frequencies. The resulting multi-frequency, multi-mode images will be processed automatically in real-time to reveal the location of potentially harmful objects concealed on a person. The information will be displayed to the operator on a generic computerised silhouette and no anatomical details will be shown or saved. Terahertz radiation is non-ionizing and harmless to humans. The automatic recognition of threats, in addition to removing privacy issues, reduces the personnel necessary for continuous operation.

The TeraSCREEN Prototype System will be demonstrated at a live control point in Bristol International Airport.

Link: www.fp7-terascreeen.com

7. CONSORTIS project (for more details please refer to Annex 13)



Description:

The project will develop a demonstrator for stand-off real-time concealed object detection for future implementations of high throughput security screening for European mass-transit markets and infrastructure security. The technological approach will build on and extend current millimetre-wave imaging technology. The system will undergo an end-user demonstration at a European transport hub or similar demanding

environment. The ethical issues surrounding the use of stand-off body scanners will be evaluated to ensure that the technology will be deployable from an ethical standpoint. The involvement of end-users is of utmost importance. The consortium includes end-users as project partners who will ensure maximum relevance and impact to the user community. The consortium will also address the exploitation of the technology developed in the project, especially considering the commercialisation and manufacture of the technology through the SMEs (Small and Medium Enterprises) involved in the project.

Link: not yet ready

8. DOGGIES project (for more details please refer to Annex 14)



Description:

Border security is one of the key security challenges to be taken up by Europe in the following years. In particular, the deployment of practical efficient means to detect hidden persons and illegal substances at border crossing points is instrumental in avoiding terrorism, human trafficking or smuggling.

The DOGGIES project aims at demonstrating an operational movable stand alone sensor for an efficient detection of hidden persons, drugs & explosives and the potential adaptation of this solution for the detection of a much wider range of illegal substances.

The project addresses trace detection: it relies on the combination of two technologies based on completely different physical principles, therefore qualified as orthogonal:

- Mid-Infrared spectroscopy technology, based on photo-acoustic detection, which appears as the most powerful and promising to detect a very wide range of volatile organic compounds;
- Ion mobility spectrometry (IMS) technology, more mature, as mentioned above; developments within DOGGIES will mainly target the use of non radio-active ionisation source.

Link: <http://www.fp7-doggies.eu/>

9. SNIFFER project (for more details please refer to Annex 15)



Description:

Dogs have limitations when detecting odours from potential security threats: quickly tired, they can only be trained for a certain set of applications and are not always accepted by the public. SNIFFER deals with the capture and analysis of odours: it mimics nature by applying machine learning techniques to information collected

through arrays of biosensors. It offers significant potential for border security applications related to the detection and analysis of a wide range of explosives, illegal substances, and smuggled goods. Used in complement to dogs, they leverage their capabilities at borders and airports. In its €5M total budget, SNIFFER receives €3.5M funding from the European Community's Seventh Framework Program (FP7/2007-2013) under grant agreement n°285203. It lasts 3 years and involves 14 European companies and organisations.

Link: www.sniffer-project.eu

10. SNIFFLES project (for more details please refer to Annex 16)



Description:

The concept of the SNIFFLES project is to develop a state-of-the-art miniature and portable electronic gas sensor capable of detecting hidden persons and illegal substances - providing a cost effective and scalable technology to complement the work of sniffer dogs."

The project aims to deliver a cost-effective detector with a number of sub-systems which require considerable research effort to develop and optimise. The artificial sniffer will be based on mass spectrometry using a novel Linear Ion Trap Mass Spectrometry method. All atomic and molecular ions are accessible by mass spectrometry, making it a universal method for chemical analysis. However, its implementation requires suitable methods of ion generation, ion analysis, and ion detection which the project will address by developing unique solutions for an integrated portable detection device. The project will deliver an all-encompassing solution for the detection of illegal weapons, drugs, explosives, CBRNE (Chemical, Biological, Radiological, Nuclear and Explosives) and hidden persons.

Link: <http://www.sniffles.eu/>

11. SNOOPY project (for more details please refer to Annex 17)



Description:

The SNOOPY project aims to the development of a handheld artificial sniffer system for customs/police inspection purposes, e.g. the control of freight containers. The artificial system should be able to seek hidden, living persons at first. Secondly, it will be also developed to detect other safety and security hazards such as illicit drugs. The instrument consists of a vapour sampling pump unit, an enrichment unit, a desorption

unit, a detection unit (sensor array) and an alarm indicator unit. Instead of detecting one or few gaseous compounds, the instrument will work seeking for odours. To this aim, different kinds of sensors will be used together with pattern recognition software, so that each target can be detected as selective as possible. The sniffer instrument will be benchmarked towards dogs and towards ion mobility spectrometry.

The SNOOPY project is coordinated by Università degli Studi di Brescia, IT (Prof. G. Sberveglieri, giorgio.sberveglieri@unibs.it).

Link: not yet ready

12. HANDHOLD project (for more details please refer to Annex 18)



Description:

The HANDHOLD consortium, drawing on the world leading research and development in sensors, electronics and software conducted by its partners and influenced by the operational expertise of the Irish Customs Authority and the Portuguese Judiciary Police, is developing a network based, low power reconfigurable CBRNE sensor platform for operational field deployment.

Driven by advances in chemistry, physics and biology, new sensor technologies coupled with advances in low power embedded system computing facilitate the development of substantially improved mobile detection devices, like HANDHOLD, that can complement the role played by detection dogs in the field. While the HANDHOLD platform can be operated standalone, it is easy to leverage the presence of on-board wireless communications functionalities meaning that the devices can be easily networked to enable efficient platform management and enhance operational field deployment.

Link: <http://www.handhold.eu>

4.2. Border surveillance

13. CLOSEYE project (for more details please refer to Annex 19)



Description:

As the first Pre-Operational Validation project in FP7 security theme, CLOSEYE will pursue the validation of innovative services applicable to the surveillance of the EU

Maritime Borders in real operational environment following the Common Application of Surveillance Tools concept, established by EUROSUR.

CLOSEYE comes to life with the aim of providing the EU with an operational and technical framework to increase situational awareness and improve the reaction capability of authorities surveying the external borders of the EU. This project represents a change in the research and development model, being now the Users who will steer and lead the innovation process, while keeping the security industry as a strong pillar on which to build the project results. Under the frame of the CLOSEYE project, the Industry will be called to demonstrate the efficiency and effectiveness of specific solutions in order to fulfill real user demands. The assessment of the performance levels of the solutions proposed by the industry will be conducted through a series of exercises, both technical and operational, in two different scenarios. By promoting a competitive testing and assessment of the potential solutions, CLOSEYE will pave the way towards the definition of future integrated surveillance solutions from a fact-checked perspective, fully validated from those who, eventually, will face the upcoming security threats and risks.

Link: <http://www.closeye.eu/>

14. I2C project (for more details please refer to Annex 20)



Description:

I2C is integrating data processing and exploitation capabilities for detection of all types of vessels (small; medium and large) and for identification of threats at sea in order to quickly report to authorities and plan relevant actions. During the project demonstration phase (2013 to 2014), I2C prototype has collected data from networked coastal stations, service providers and deployed patrols at sea (aircraft, vessel, balloon, etc.) to continuously track suspicious small boats locally and merchant / fishing ships widely over the Mediterranean basin.

Small boats are either detected from new coastal radar technology such as Frequency Modulation Continuous Wavelength (FMCW) radar or high resolution optical cameras. An installed FMCW prototype has been experimented in I2C and provided very promising results up to detection of jet sky and small embarkation less than 6 meters length. Also I2C deployed High Frequency Surface Wave (HFSW) radar prototype has been experimented and provided very good detections up to 200 nautical miles. I2C has developed innovative capability to automatically detect suspicious boats and issue alerts to operators for deeper analysis and decision making. Detections are based on rules combining various conditions (on track profiles, on navigation, on geographic area, on intelligence, on vessel data files, etc.) on layered information in the situational picture. These rules are setup by operators from their knowledge on, for example, dangerous migrant trips (i.e. with sea Beaufort above 6, mid-night without moon, on board very old small fishing vessel, along known migration routes, etc.).

Link: www.i2c.eu

15. SeaBilla project (for more details please refer to Annex 21)



Description:

SeaBilla project aims to: define effective concepts with innovative capabilities for European sea border surveillance systems; apply advanced technological solutions to increase performances of surveillance functions and develop and demonstrate significant improvements in detection, tracking, identification and automated behaviour analysis of all vessels, including hard to detect vessels, in open waters as well as close to coast.

More specific, the project aims at demonstrating how sea border surveillance can be improved through: enhancements of the selected surveillance systems and sensors; non-conventional sensors, such as RPAS (Remote Piloted Aircraft System) and Passive Sensors, as gap fillers; innovative sensors networking architecture and information fusion.

These technical objectives are checked for full respect of legal and normative constraints, challenged for cost-effectiveness and performances and evaluated in terms of measurable improvements by a community of users on a suite of critical scenarios.

Link: <http://www.seabilla.eu/cms/>

16. PERSEUS project



Description:

PERSEUS contributes to Europe's efforts to monitor irregular migration and combat goods smuggling by proposing a large scale demonstration in the area of Maritime Surveillance, on the basis of existing national systems and platforms, enhancing them with innovative capabilities, addressing key challenges:

- Supporting the network of European National Coordination Centres
- Exchange of transnational information of the maritime situational picture
- Improved detection and identification of non-collaborative small boats
- Enhanced an increasingly automated detection of abnormal vessel behaviours

PERSEUS articulates this demonstration through two campaigns. The campaigns contemplate real time exercises, with assets and systems operating in the framework of a live operation. Perseus first Campaign took place during along the second half of 2013 within the Atlantic and Western Mediterranean basin. The project implemented missions of drug trafficking and irregular migration control. The system was able to provide surveillance continuity from coastal areas to high seas. Perseus second campaign will take place in the Aegean Sea after summer 2014.

Link: <http://www.perseus-fp7.eu/>

17. LOBOS project (for more details please refer to Annex 22)



Description:

LOBOS involves 14 partners from across Europe, collaborating to develop and demonstrate pre-operational, space-based service capabilities to support the 'low-time critical' service concepts identified within the European CONOPS (Concept of Operations).

The demonstration activities are realised through the 'activation' of the designed pre-operational services by FRONTEX. ~70 activations are anticipated with these structured within 3 service evolution phases. Standard products include rapid briefing notes, map-based analyses of port, beach and pre-frontier areas, reference maps and change products.

The iterative approach to the demonstration activities is complemented by a set of innovation activities. The innovation activities include R&D into the potential integration of permeability mapping, Open Source Intelligence, meteorology, ocean currents etc into the pre-operational service specifications. In this way the innovation activities aim to add additional value to the specifications defined within the CONOPS.

Link: <http://www.copernicus-lobos.eu/>

18. SAGRES project (for more details please refer to Annex 23)



Description:

SAGRES will support the pre-operational test and deployment of the high-time critical CONOPS components via the EUROSUR network. CONOPS refers to a document conceived and defined by FRONTEX, EMSA (European Maritime Safety Agency), EUSC (European Satellite Centre), JRC (Joint Research Centre), ESA (European Space Agency) and EC (European Commission) - through the Directorate General, that summarizes the set of services (and the associated technical requirements) foreseen by the user community to cover a set of operational needs in the field of border surveillance. The reference scenarios are:

- Tracking vessels on the high seas with two main components:
 - Monitoring of a specific third country port.

- Tracking the identified vessel over high seas.

The pre-operational services will be delivered to FRONTEX via EUSC and EMSA. EUSC and EMSA will play the role of product validators and will support product delivery and the generation of added-value by using their own human and technological resources.

The principle of “use, comment, upgrade, use” applies, which will result in a cyclic development of five service versions during the timeline of the project.

SAGRES will demonstrate a new dimension of EO exploitation by merging the received data with a large and diversified list of ancillary streams.

Link: <http://www.copernicus-sagres.eu>

19. SUNNY project (for more details please refer to Annex 24)



Description:

The SUNNY project aims to develop system solutions capable of improving the effectiveness of the EU border monitoring compared to the legacy systems whilst keeping the affordability and interoperability as key enabling factors.

The SUNNY project aims to contribute to the objectives of EUROSUR by improving sensor and data transmission capacities and real time data processing capabilities. SUNNY represents a step beyond existing research projects due to the following main features:

- Novel sensors and on-board processing generation.
- The exploitation and adaptation of emerging standard wireless technologies and architectures to the SUNNY scenarios towards the EUROSUR's goal of defining European wide standards.

A two-tier intelligent heterogeneous airborne sensor network will be integrated in order to provide both large field and focused surveillance capabilities.

Link: <http://www.sunnyproject.eu/>

20. TRITON project (for more details please refer to Annex 25)



Description:

A new consciousness has arisen in the scenario of the civilian and commercial maritime control: surveillance and safety systems may be under the attack of unintentional or malevolent players, whose aim (or effect) is to bypass or mystify the control system to obtain economic gain or personal benefit. The advances of mass-price technology make this kind of potential events a serious threat that the maritime control has to cope with.

TRITON (TRusted vessel Information from Trusted On-board iNstrumentation) is a collaborative European Community project that aims at giving some of the possible answers to this threat, focusing on increasing the trustworthiness of the on-board instrumentation used to report vessel information to the control organisms. This goal is pursued by enhancing the internal robustness of two core sub-systems of the on-board control instrumentation, namely the GNSS (Global Navigation Satellite System) receiver and the ship-to-ship and ship-to-shore communication segment.

Link: <http://www.tritonproject.eu/>

All discussions have been recorded and can be consulted following the link: \\aofrontex.local\frontex-shared\Restricted Area\Capacity Building Division\Research and Development\PROGRAMMES & PROJECTS\2014 projects\SFBSR 2014\ED4BG and workshops 22_23 May\Recordings workshops 23 May

5. Conclusions

One of the conclusions of the discussions during the 3 mentioned events (exhibition and 2 workshops) is the fact that there is overlapping between certain projects. As an example ABC4EU and FastPass are very similar. Asked by audience what is the difference between them, the FastPass coordinator mentioned that this project was ranked higher in the evaluation organized by the Commission and the fact that it is driven by users. The ABC4EU coordinator mentioned that there were discussions with the Commission and it was decided that the projects will cooperate to not double the efforts and to not spend the money on the same actions in 2 different projects. According to the mentioned speaker efforts will be done to align ABC4EU with the project pilot on Smart Borer Package, with FastPas project and with Frontex ABC working group.

Another strong similarity has been noticed between Sniffer, Sniffles, Doggies, Snoopy and Handhold projects. They are research projects in the field of technologies for detecting explosives, drugs and hidden human beings. The difference would be the fact that different ways of detection/different techniques are investigated to build detectors that could complement the efforts of special trained dogs. There were created the premises for synergies between the mentioned projects and it would be interesting to have at the end a matrix of technologies and their domains where each of them are the best (e.g. Technology X is the best to detect the type Y and Z of drugs and type Q of explosives, but not able to detect hidden human beings; Technology H is best to detect the presence of hidden human beings, but unable to detect drugs etc.)

The same applies for Consortis and Terascreen projects. They are projects in the field of detection technologies for objects hidden on human's bodies (body scanners). The only difference I noticed was the frequency of the passive and active systems, as follows: Terascreen - 94, 220&360 GHz (the passive system); 360 GHz (the active system); Consortis - 200-800 GHz (the passive system); 340 GHz - the active system. The audience mentioned that the overlap is clear and asked the presenters of the 2 projects to explain the differences. The answer was that maybe the approaches are different and Terascreen's representative also mentioned that the Commission awarded the 2 contracts and maybe this is a strategy of risk mitigation in the sense that if one project doesn't produce results, maybe the other could be more successful. Another aspect related to the 2 projects is the fact that they answer to a call on border checks, but their object is on aviation security. There were comments that in

the future it is desirable to merge border security with aviation security and from this perspective synergies between the 2 projects and ABC4EU and FastPass projects could be envisaged.

Possible synergies have been noticed also between Ingress and Mobilepass projects.

The feedback received from the participants was a positive one.

I appreciate the 3 endeavours as a good platform for the interaction of the main stakeholders of the EU funded research projects, meant to contribute to projects' results which must take into consideration the real needs of border security.

**Workshop
on R&D projects run and financed by
industry and academia for developing
solutions, technologies and products for
border security**

-Report-

Deliverable 4 of SFBSR 2014 project

Done at Warsaw

09/12/2014

Draft v. 1



European Agency for the Management
of Operational Cooperation
at the External Borders of the Member States
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The European academia and industry run research and development projects aiming at developing solutions, technologies and products relevant for border security not only in the framework of EU financing pertaining to the FP7 or Horizon 2020 programmes, but also using the academia's and industry's own budgets.

In order to obtain results that could best meet the needs of the potential end users (border guard authorities), there is a need to have their feedback from the stage of the research and development of the mentioned solutions/technologies/products. Here is the point where the developers usually encounter difficulties, thinking that the involvement of the scientists or engineers is enough to develop new technologies, neglecting the importance that the end users could bring to the final result, or simply lacking communication channels to reach the first line responders.

Frontex strives to change the mentioned status quo and tries to bring closer the world of developers and that of the end users, in a dialog involving our community (border guard authorities) which will have on the market better solutions/equipment to satisfy its needs, will be informed on what the developers are preparing for the future and will grow in knowledge through the closer contact with scientist and engineers in the field of border security technologies.

On these lines Frontex invited European industry and academia to inform us on their research and development projects intended for developing new products/technologies/solutions for border security and financed by their own budget, in order to:

- present the projects to the Member States border guard authorities and Frontex experts;
- obtain feedback from our colleagues and ideas on how to steer/improve the projects' content in order to best serve the end user's interest/needs;
- underline the possible overlapping with previous or ongoing projects, including EU funded projects;
- establish contacts between projects and interested users;
- open the discussions on possible demonstrations that could take place in interested countries;
- establish interactions and synergies between projects (if it is the case).

The following proposals have been presented:

1. **National Center for Scientific Research Demokritos (Greece) with "ACRITAS - Advanced Coordination Center Information and Technologies & Applications for Border security"**
The main objective of the project is to develop an innovative and modular solution that fulfills the needs of border security at the regional and national level. Scalability, mobility and adaptability are considered to be the most important features of the system. ACRITAS could function as a stand-alone mobile Regional Coordination Centre (RCC) and/or in cooperation with the National Coordination Centre.
2. **Furuno Finland (component of Furuno Electric - Japan) with "Rapid Deployment Surveillance System"**
The basic idea of the proposed system is to establish a platform where different manufacturer's sensors (radars and cameras) can be operated in the same system. The system's elements would be: the sensor station, the communication network, the surveillance server and the workstation.
3. **Polus Europe (Slovakia) with "Autonomous Wireless Digital Thermal Imager"**
The thermal imager is being developed to be used for verification of intrusion attempts detected by seismic sensors. Characteristics: fully autonomous, 12 months autonomy on a single charge, detection range - up to 450 m, recognition range up to 100 m, wireless control and adaptive video transmission via digital radio channel, built-in video-analysis (object selection, object tracking) etc.
4. **Technical University of Catalonia (Spain) with "Intelligent Scanning Lidar Camera"**
It is the first Lidar (a remote sensing technology that measures distance by illuminating a target with a laser and analysing the reflected light) camera sensor totally constructed in Europe. Applications: aerial border surveillance, advanced surveillance for border perimeter, green border surveillance for detection of hidden objects etc.
5. **IABG (Germany) with "Computer Assisted Exercises - Training for border security scenarios and capability management as basis for best decisions in the procurement process"**
Simulation-assisted training concepts for staff training on a tactical, operational and on theatre level will be presented together with a specific method based on different tools to support military and security forces in the area of capability development. It is a very powerful instrument for different organization to understand own needs better in relation to what is required to achieve the specific mission they have.
6. **Eskadra (Poland) with "Optimal Remote Piloted Aircraft System for border guard purposes"**
It is a series of tactical experiments in terms of evaluation of optimal Remote Piloted Aircraft System for border guard purposes, for the land and maritime domain. The experiments are conducted in virtual reality using NATO standard virtual simulation environment. This allows the end user to gain the experience with the Remote Piloted Aircraft Systems (UAVs) use without costs of real flights and to assess what platform is to be used as optimal.

7. Fraunhofer Institute of Optronics (Germany) with "ABUL - A system for interoperable video exploitation of Remote Piloted Aircraft System sensor imagery"

It is a system designed for assisting the video exploitation process and to disburden the operator during critical missions. It provides real-time optimized features for online surveillance and tactical reconnaissance as well as functionalities valuable for offline reconnaissance tasks.

On these lines Frontex invited 2 experts/MS with experience in border surveillance operations/technologies (the participation of the members of Frontex Advisory Group on Border Security Research with the mentioned background was encouraged), to the mentioned workshop.

Participants:

- 19 experts from 12 Member States border guard authorities: Bulgaria, Croatia, Estonia, Finland, France, Latvia, Poland, Portugal, Romania, Slovakia, Spain and UK;
- 10 speakers from Academia/Industry mentioned above;
- colleagues from Frontex (Research and Development Unit, SBS).

The academia/industry interacted with Frontex and the border guard community experts who considered the activity useful, interesting and very instructive. The representatives of industry/academia were satisfied by the dialog with Frontex/border guard authorities and would like to keep the contact with the participants.

The developments of Furuno, Polus Europe and IABG can be tested also in the real operational environment, once the new capabilities are implemented. Also ACRITAS - the Advanced Coordination Center Information and Technologies & Applications for Border security developed by the Institute of Nuclear & Radiological Sciences and Technology, Energy & Safety (INRASTES) - NCSR Demokritos (Greece) will be ready after mid 2015 and can be tested by the border guard community. Regarding the LIDAR produced by the technical University of Catalonia, Spain, the pilot testing and on-site demonstrations will be available at mid 2015 and the production of sample prototypes will be possible during the second half of 2015.

Annexes:

- 1. Agenda (1)
- 2. List of participants (2)
- 3. 9. Presentations



AGENDA

Workshop on research and development projects run and financed by industry and academia for developing solutions, technologies and products for border security

Date:	05 December 2014
Venue:	Frontex Warsaw Rondo ONZ 1, 11 th floor, room no. 1152+1153
Contact persons:	[REDACTED] Frontex Research and Development Unit [REDACTED]@pa.eu, [REDACTED]; [REDACTED]

Friday 05.12.2014		Presenter(s)
08:30 - 09:00	Registration	
09:00 - 09:15	Opening Introduction <ul style="list-style-type: none"> - Presentation of the objectives - Adoption of the agenda - Tour de table 	[REDACTED]
09:15 - 10:00	National Center for Scientific Research Demokritos (Greece) ACRITAS - Advanced Coordination Center Information and Technologies & Applications for Border Security	Dr. [REDACTED]
10:00 - 10:45	Furuno Finland Rapid Deployment Surveillance System	[REDACTED]
10:45 - 11:15	Coffee break	
11:15 - 12:00	Technical University of Catalonia (Spain) Intelligent Scanning Lidar Camera	[REDACTED]
12:00 - 12:45	Polus Europe (Slovakia) Autonomous Wireless Digital Thermal Imager	[REDACTED]
12:45 - 13:45	Lunch	
13:45 - 14:30	IABG (Germany) <ul style="list-style-type: none"> -Computer Assisted Exercises to be adapted to the border security needs -Capability management as basis for best decisions in the procurement process 	[REDACTED]

AGENDA

Friday 05.12.2014		Presenter(s)
14:30 - 15:15	Eskadra (Poland) Optimal Remote Piloted Aircraft System for border guard purposes	[REDACTED]
15:15 - 15:45	Coffee break	
15:45 - 16:45	Fraunhofer Institute of Optronics (Germany) ABUL - A system for interoperable video exploitation of Remote Piloted Aircraft System sensor imagery	Dr. [REDACTED] Dr. Ing. [REDACTED]
16:45 - 17:00	Conclusions	All

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Meeting with Industry Oct/Nov. 2014 -Report-

Done at Warsaw

15/11/2014

Draft v. 1



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of Operational Cooperation
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of the European Union

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The technological progress in the border security field is fast nowadays. To be connected with the newest developments ready to be deployed in the border control environment it is a must for the stakeholders involved in the operational field and for the people participating in the process of building the border security capabilities. Knowing what are the Industry's/Academia's newest products/services/technologies/developments helps our community of practitioners in the field of border security to identify options and opportunities for developing future capacities, offer answers to specific questions and needs for this field, help to understand what the trends are and, especially for the researchers in this field, to see where they are in relation to what has been already done.

To increase the awareness of Frontex and MSs experts on the existing cutting-edge technology developments pertinent to the border control specific missions, 2 meetings Frontex - Industry are envisaged each year, the first at the end of March and the second at the end of October.

The meetings support the process of updating and collecting information on the latest technologies/solutions/products/services existing on the market, in the field of border security and are organized in the framework of the procedure in place for meetings with Industry. During the meetings, the Industry briefs Frontex experts on its portfolios of products and services in the field of border security. According to the procedure, a Visit Proposal Form (VPF) available at <http://btn.frontex.europa.eu/form/visit-proposal-form>¹ must be completed and submitted by companies in the field of border security technologies. Selection of the submitted proposals takes place taking due account of the novelty and potential impact of the company's products and services for the border guard community.

The meeting organized at the end of March takes into account the selected proposals sent during the period October-February of the previous year. The meeting organized at the end of October will consider the selected proposals sent by Industry during the period March-September (the same year). Frontex experts select 12 companies, out of the received proposals, for each meeting.

From Frontex side, experts with scientific, technical and operational background attend. The details of the meetings are announced to the Industry at the end of February and end of September respectively.

The following picture reflects the procedure for the organization of the above mentioned meetings.

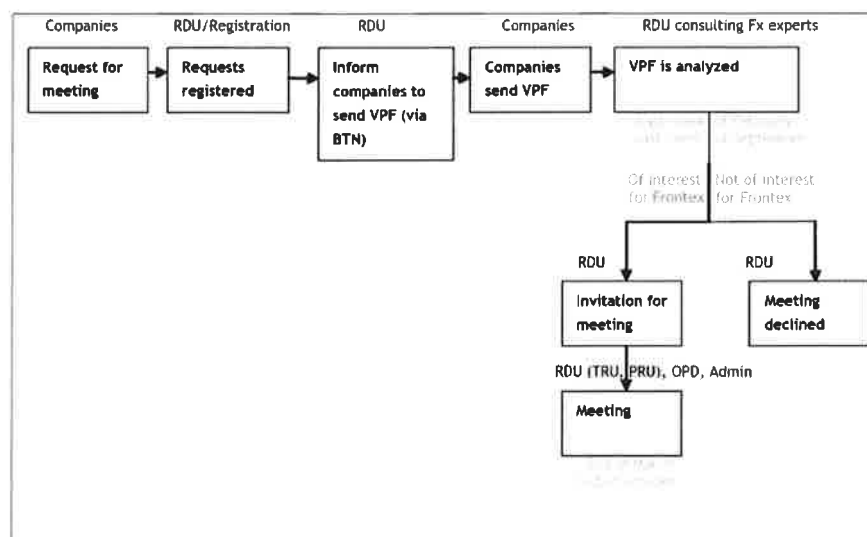


Fig. 1 Procedure for the meetings with Industry

A meeting divided in 2 days took place in October/November 2014. 12 Companies presented their portfolios according to the attached agenda. Questions and answers sessions clarified the issues raised during the

¹ **Border-TechNet** is a web-based platform for sharing, exchanging and disseminating information in the field of Research and Development in the border-security domain. It is being maintained by the **Research and Development Unit**.

discussion. The Industry and Frontex experts (RDU, LBS, SBS, FSC, TRU) appreciated the current framework in place. Next meetings will take place at the end of March 2015.

Annexes:

- Presentations held by Industry (Annex 1 and 2)
- Agenda (Annex 3)

DRAFT AGENDA

Meeting Frontex-Industry

Date:	31 October 2014; 3 November 2014
Venue:	Frontex Warsaw Rondo ONZ 1, 11th floor, rooms 1152 (presentations)+1150 (waiting room for companies) for 31 October rooms 1152 (presentations)+1150 (waiting room for companies) for 3 November
Contact person:	[REDACTED], Frontex Research and Development Unit [REDACTED]

Friday 31.10.2014		Presenter(s)	Frontex participants (representatives of :)	Obs.
08:30 - 09:00	Registration			
09:00 - 10:00	Opening Frontex presentation Questions from Industry	[REDACTED] Chairman of the meeting [REDACTED] [REDACTED] Research and Development Unit - Frontex	RDU, SBS, LBS, ABS, FSC, TRU, PRU, Procurement	
10:00 - 10:40	IABG (Germany)	[REDACTED]	TRU, RDU	
10:40 - 11:20	SAS (UK)	[REDACTED]	ABS, FSC, TRU, RDU	Only Frontex audience
11:20 - 12:00	Indra (Spain)	[REDACTED] Director Benelux, EU & NATO Affairs [REDACTED] [REDACTED] - Business Development Manager for Europe, Security Solutions	LBS, ABS, RDU, SBS	Asked also SBS presence since they have products and services also for maritime surveillance
12:00 - 13:00	Break			
13:00 - 13:40	Group 2000 (Netherlands)	[REDACTED] Business Development and Consultancy	LBS, RDU	Only Frontex audience

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13:40 - 14:20	HGH Infrared Systems (France)	[REDACTED] a	LBS, RDU, SBS	Asked also SBS presence since they have products and services also for maritime surveillance
14:20 - 14:40	Break			
14:40 - 15:20	Defendec (Estonia)	[REDACTED] CEO [REDACTED] CPO	LBS, RDU	Allow presence of companies if are allowed to attend other presentations
15:20 - 16:00	SES (Luxembourg)	[REDACTED] Manager Governments & Institutions [REDACTED] Vice President, Concept Engineering	SBS, FSC, RDU	
Monday 03.11.2014		Presenter(s)	Frontex participants	Obs.
08:30 - 09:00	Registration			
09:00 - 10:00	Opening Frontex presentation Questions from Industry	[REDACTED] - Chairman of the meeting [REDACTED] Research and Development Unit - Frontex	RDU, SBS, LBS, ABS, FSC, TRU, PRU, Procurement	
10:00 - 10:40	MDA (Canada)	[REDACTED] Director Business Development [REDACTED] Director, Advanced SAR Solutions	LBS, FSC, RDU	
10:40 - 11:20	Optimal Aircraft Design (Belgium)	[REDACTED] OAD, Managing Director [REDACTED] CSL, Head of Signal Laboratory	SBS, RDU	Only Frontex audience
11:20 - 12:00	ELBIT (Israel)	[REDACTED] Program Manager Wireless Sensor	SBS, RDU, LBS	-Asked also LBS presence since they have

DRAFT AGENDA

		<p>Networks Systems</p> <p>[REDACTED]</p> <p>Senior Director Marketing</p>		<p>products and services for land</p> <p>-Only Frontex audience</p>
12:00 - 13:00	Break			
13:00 - 13:40	<p>AVINCIS MISSION</p> <p>CRITICAL SERVICES</p>	<p>[REDACTED]</p> <p>Group Business Development Director</p>	SBS, FSC, RDU	Only Frontex audience
13:40 - 14:20	<p>Analytical Graphics - AGI (UK)</p>	<p>[REDACTED]</p> <p>President and CEO GMSPAZIO S.r.l.</p> <p>[REDACTED]</p> <p>Dyrektor ds. szkoleń Bohemia Interactive Simulations Sp. z o.o.</p>	FSC, RDU, SBS, ABS	-Asked also SBS and ABS presence

RDU-Research and Development Unit
SBS-Sea Border Sector
LBS-Land Border Sector
ABS-Air Border Sector
FSC-Frontex Situation Centre
TRU-Training Unit
PRU-Pooled Resources Unit