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A Farm to Fork Strategy For a fair, healthy and environmentally-friendly food system			
	Current text:	***DEFIS proposed text:***	***Motivations***
Pag. 7	To achieve sustainable food production, farmers, fishers and aquaculture producers need to transform their production methods, making the best use of nature-based, technological and digital solutions to **deliver better environmental results, increase climate resilience** and **reduce input use (e.g. pesticides, fertilisers).**	To achieve sustainable food production, farmers, fishers and aquaculture producers need to transform their production methods, making the best use of nature-based, technological ~~and~~ digital and space-based solutions to **deliver better environmental results, increase climate resilience** and **reduce input use (e.g. pesticides, fertilisers).**	- Link with EU Space Strategy: encouraging the uptake of space data and services and foster the innovative EU space solutions for EU policies. - Follows the European Parliament recommendation to maximize the benefits for society and EU economy "(…) on the fact that EU space programmes and their services are key assets in policy areas and economic sectors such as energy, climate, environment, security and defence, health, agriculture, forestry, fisheries, transport, tourism, the digital market and mobile communications, regional policy and local planning(…)" - Leading by example through
Pag. 8	The Commission will also work with Members States to foster a more widespread application of balanced, more precise fertilisation and sustainable agricultural practices, including through the measures in the CAP strategic plans.	The Commission will also work with Members States to foster a more widespread application of balanced, more precise fertilisation and sustainable agricultural practices, including through use of EU space technologies (Copernicus, Galileo) and the measures in the CAP strategic plans.	
Pag. 9	Moreover, the proposed **revision of the Union's fisheries control system**[1] will contribute to the fight against fraud through an enhanced traceability system. The mandatory use of digitalised catch certificate will strengthen the system to prevent illegal fish products from entering	Moreover, the proposed **revision of the Union's fisheries control system**[2] will contribute to the fight against fraud through an enhanced traceability system, thanks also to the unique features of the EU space technologies (Copernicus, Galileo). The mandatory use of digitalised catch certificate will strengthen the system to prevent illegal fish	

[1] COM/2018/368 final
[2] COM/2018/368 final

	the EU market.	products from entering the EU market.	innovative solutions that ultimately lead to promote EU technological sovereignty and EU innovation - Foster digitalization/innovation leading to more efficient/sustainable commercial operations
Pag. 12	The Commission will work with Member States, Europol **and other relevant bodies** to exploit comprehensive EU data on traceability and alerts in order to enhance coordination on food fraud. The Commission will also propose to reinforce dissuasive measures, to better control imports and to strengthen investigative capacities of the European Anti-Fraud Office (OLAF) on food fraud, including in intra-EU cross border matters.	The Commission will work with Member States, Europol **and other relevant bodies** to exploit comprehensive EU data on traceability and alerts in order to enhance coordination on food fraud, leveraging at full extent the capabilities EU space technologies (Copernicus, Galileo). The Commission will also propose to reinforce dissuasive measures, to better control imports and to strengthen investigative capacities of the European Anti-Fraud Office (OLAF) on food fraud, including in intra-EU cross border matters.	
Pag. 13	The R&I actions will advance **knowledge, build capacities and develop innovative solutions** - including nature-based, social, digital and artificial intelligence solutions - to increase sustainability of food systems. The Commission will expand analysis of satellite imagery by artificial intelligence to allow for more precise planning of farming operations and monitoring of the condition of farmland in aspects relevant to the environment and climate.	The R&I actions will advance **knowledge, build capacities and develop innovative solutions** - including nature-based, social, digital and artificial intelligence solutions - to increase sustainability of food systems. The Commission will expand analysis of Copernicus satellite imagery and Galileo positioning by artificial intelligence to allow for more precise planning of farming operations and monitoring of the condition of farmland in aspects relevant to the environment and climate. The Commission shall also support the generation and re-use of digital on-farm solutions for a more sustainable agriculture based on space data and other public and private datasets. Targeted, localized, agro-ecology measures based on machine learning applied to image recognition, on the re-use of various public sector data and user-generated data will be implemented. In this	

		respect, systems such as the Farm Sustainability Tool proposed in the CAP legislation have the potential to be scaled up to support the digital implementation of innovative climate and environment-friendly (measures (e.g. result-based local schemes).	