

Cabinet of Commissioner Kadri SIMSON - Minutes of Meeting

MEETING CONCLUSIONS

Title	Meeting with ENI
Date	12-06-20
Participants	Ext : [REDACTED] COM: Kadri Simson, Stefano Grassi, Kitti Nyitrai, [REDACTED]
	Ares initial request :
	Disclosure authorization : <input checked="" type="checkbox"/> YES - <input type="checkbox"/> NO - <input type="checkbox"/> Partial (pls highlight unauthorized parts)
Issues raised & follow-up	<p>[REDACTED] presented ENI's transformation plants towards 2050:</p> <p>Upstream</p> <p>The company will shift from 50% oil and 50% gas production, to 85-90% gas production. Furthermore, renewable electricity, biomass, recycled materials (plastics), and biogas will become the main resources. The choice for gas is based on ENI's technology base, which will allow it to convert natural gas into range of products</p> <p>Renewable electricity production (350MW) is used for own consumption, but will grow linearly to 55 GW by 2050.</p> <p>Refineries</p> <p>ENI already has a 1 MT biorefinery today, but will move to 5 MT by 2050. Biorefineries use cooking oil and certified palm oil, but will move to advanced feedstocks. Plant can produce bio-diesel that is 100% compatible with diesel engines (cars & trucks). Biomass and blue hydrogen used as feedstock for chemistry.</p> <p>For organic waste fuel, a 600kt plant exist that already serves 6mln people in Italy. The plant can process waste into bio-diesel (100% compatible with diesel engines) and bio-oils, as well as production of water.</p> <p>For inorganic waste (plastics), 3 projects exist to produce hydrogen. 250t of plastics(region of Tuscany) can produce 100t of H2 (if you capture CO2, you produce low-carbon hydrogen (250 bln).</p> <p>Customers</p> <p>Expanding customer base from 9 to 20 mln, including retail mobility and domestic markets in Africa. Fuel stations are developed that sell renewable electricity / low-carbon electricity / low-carbon hydrogen / biofuels.</p> <p>CCS</p> <p>CCS is one of main pillars for all low-carbon products. Ravenna project is one of largest hubs for storing CO2 in depleted gas fields. 300-500MT CO2 storage – capacity can be doubled. Costs are 4/5 lower than other projects, because infrastructure is available (EUR80/tonne). Will provide CCS for low-carbon hydrogen, low-carbon electricity in 6 GW gas-fired power station, and for industrial applications in Italy and neighbouring countries. Application for Innovation Fund under preparation.</p> <p>Africa</p> <p>ENI operates in 15 African countries, and has major investments in those countries. Including large energy access programme for 16 mln people.</p> <p>Follow-up: Possible meeting to discuss cooperation in Africa, and possible visit to Italy.</p>