Cabinet of Commissioner Kadri SIMSON - Minutes of Meeting

MEETING CONCLUSIONS

Title	**Meeting Stefano Grassi with Shell representatives**
Date	21/10/2021
Participants	Ext : Paul Bogers (VP Hydrogen Shell), [redacted] (Shell) COM: Stefano Grassi, Tatiana Marquez, [redacted]
	Ares initial request : (2021)3869896 – (2021)3982965
	Disclosure authorization : ☒ YES - ☐ NO - ☐ Partial (pls highlight unauthorized parts)
Issues raised & follow-up	- Shell outlines relevance of criteria in DA additionality for H2 projects under development. - Presentation of the 200 MW electrolyser in Rotterdam o Upstream (unsupported offshore wind) and downstream (Pernis refinery) is secured. Pipeline joint ownership Port of Rotterdam and Gasunie. o However, electrolysis is not on the same side of the Pernis refinery – so waiting for pipeline and grid connection to offshore wind. o ASK: The condition to have electrolysers and offshore wind coming online 'at the same time' would require 24 months. Primarily pipeline construction extends lead time of project. - Presentation of the 100 MW electrolyser extension in Cologne o Lack of 'unsubsidised' projects in Germany to power the electrolysers by 2025 (For information: max. 300 MW needed, Germany's RES market is 7000 MW/yr). o Offshore wind projects coming online in 2027. Availability of solar power would be less of a problem o ASK: include repowering of onshore wind projects o ASK: expand geographical correlation to source electrons from outside the bidding zone o ASK: expand 15 min. temporal correlation due to technical/risk issues (still innovation needed for flexible operations) - Other views: o It will become easier to synchronise renewables/electrolyser projects o Flexible running of electrolysers will be doable, but will also depend on the demand profile of offtakers