

Connecter les énergies d'avenir

Jupiter

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Projet Soutenu par







Cote d'Azu





ADEME – NEDO seminar Jupiter 1000 Project Christophe Pardieu, GRTgaz 13/12/2017

GRTgaz in few figures



- 3000 employees
- Sales : 2 b€
- Network length : 32 000 kms
- 4500 Delivery Stations
- 617 TWh transported



 Strongly involved in the energy transition



Jupitër

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What is Power-to-Gas ?



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Use of green electricity and captured CO2 to produce methane, with electrolysers and units of methanation, and inject it into the grid





One of the best solution to store electricity





Jupiter 1000 : all the French sector's players working together



Jupitër

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Jupiter 1000 is within a favourable ecosystem : the Innovex platform in Fos-sur-Mer









GRTgaz | Jupiter1000 for the ADEME – NEDO seminar



Planning Overview



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Efficiency of the whole chain









Some first figures

- Biogas revenues : current tarrifs in France between 60 and 130 €/MWh
- Ancillary services : current values in the French market ~150
 k€/MW/year
- Costs of a new power line : between 0,03 and 0,3 M€/GW/km/an
- Saving of CO₂ : 75 k€/MW/year considering 100 €/tCO₂





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Discover all gas innovations in favor of energy transition

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