

ENTSOG Publication :

[001]- Comments on the Project in the context of the current publication. :

General Information :

[002]- Is the project an enabler for groups? : No

[003]- Project(System) Code : 651

[004]- ENTSOG Project Code : ETR-N-651

[005]- Was the project item part of the last TYNDP? : No

[006]- Project Name : Power to gas Production in FR

[007]- Infrastructure Type : ETR

[008]- Is the project a virtual submission of more projects : Yes

[009]- Project Description : 2 Power to gas twin-projects in Brittany and Aix en Provence Both projects will be the first industrial demonstrator of Power to Gas with a power rating of 5 MWe for electrolysis and a methanation process with carbon capture in their respective Regions. Green hydrogen will be produced using two electrolysers involving different technologies, from 100% renewable energy. The installation will be based on an innovative methanation technology and CO₂ will be captured on a nearby industrial site. In the light of the performance levels shown by the demonstrator, Project Promoters will work on future technical and economic standards of a full-sized installation of this type. Over the longer term, the idea is to launch the Power to Gas activity in France. More than 50 TWh of gas could be produced each year using the Power to Gas system by 2050.

[010]- Project Host Country : France

[011]- Project Status : Planned

[013]- Promoter Legal Personality : Power to gas France

[014]- Project Promoter Type. : Third Party Promoter

[016]- Which Company will be the commercial operator once your project is completed. : Utopia TSO

[017]- Has your project taken the FID? : No

[019]- Is your project only a Capacity Modification, which does not require actual investment or construction works ? : No

[020]- Estimated CAPEX (in million €) : 55

[021]- Is this project CAPEX considered confidential? : Yes

[022]- CAPEX Range (in %) : 15

[023]- Estimated OPEX (in million € per year) : 0.9

[024]- Is this project OPEX considered confidential? : Yes

[025]- OPEX Range (in %) : 15

[026]- Name of your representative in charge of the Project submission : Carla di Mattia

[027]- E-mail address of your representative in charge of the Project submission :
cdmattia@utopia.fr

[028]- Phone number of your representative in charge of the Project submission : +33456789045

[029]- Project Website : http://www.jupiter1000.eu/

[030]- General Remarks :

Administrative Criteria :

[034]- Please select the category of the project promoter you are : E.3 - Companies registered within the geographical perimeter of TYNDP

[035]- Company Existence (Pass-Fail Criteria) : Yes

[036]- Company Financial Strength (Pass-Fail Criteria) : Yes

[037]- Company Technical Expertise (Pass-Fail Criteria) : Yes

[038]- Please indicate if your project has completed the (Pre-) Feasibility study : Yes

[045]- Please select one of the following options :

- (Pre-) Feasibility study [please attach relevant documents below]

[046]- Please provide any additional comments :

Project Shareholders :

[057]- Project Section	[058]- Shareholder Name	[059]- Shareholder Share
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Variant for Modelling :

[078]- Variant Name	[079]- Variant Description	[080]- Considered for Modelling
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Increments in Entry/Exit Capacity (If you do not complete this section, your project cannot be modelled) :

[081]- Operator	[082]- Point	[083]- Flow Direction	[084]- Status	[085]- Variant	[086]- Commissioning Year	[087]- Increment (GWh/d)	[088]- Peak Increment (GWh/d)	[089]- Comment
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Technical Information :

[090]- Indicate if your project is part of : Energy transition (and connecting pipe)

[091]- Choose PRJ : --Select--

[092]- Is this a multi-phase project? : Yes

Type Specific Information - Energy transition :

[121]- Please indicate the type of project: : Power-to-Gas

Project Schedule :

[149]- Pre-Feasibility Start date : 13/01/2019

[149]- Pre-Feasibility End date : 13/05/2019

[150]- Feasibility Start date : 01/09/2019

[150]- Feasibility End date : 31/03/2020

[151]- FEED Start date : 01/04/2020

[151]- FEED End date : 01/07/2021

[152]- Permitting Phase Start date : 01/09/2021

[152]- Permitting Phase End date : 31/05/2022

[153]- Supply Contracts End date : 31/05/2022

[155]- Construction Start date : 01/06/2022

[155]- Construction End date : 01/12/2023

[156]- Project Advancement : In Progress

[157]- Comments about Project Advancement : Project is at an early stage but still progressing as planned

: 2023

[159]- Date of grant obtention for studies/for works :

[160]- Comments about the schedule, including Realisation Conditions :

[161]- Compared to previous TYNDP indicate if your project is : Not applicable

[162]- Delay Explanation: :