Hydrogen network Project

Questionnaire
For H2 producer

NOTE: All information provided in this questionnaire to NaTran, Badenova Netze, terranets bw, NaTran Deutschland and associated with each respondent as part of this call for expressions of interest is confidential. At the request of the interested parties, the confidentiality of the information exchanged may be formalized by the signing of a confidentiality agreement, which will be provided by operators to respondents. Data provided in this questionnaire may only be exchanged between the operators and their subcontractors. The disclosure of information to third parties must be subject to a written agreement between the respondent and the operators. For further details regarding privacy data, please refer to the Privacy Notice for the Expression of Interest.

Co-funded by the European Union

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Article 1 Your contact details

Company name	
Contact details	E-Mail : Tel :
Contact person	
Address or locality	
Postcode – Town/City	
Are you a service provider acting on behalf of another company?	YES NO
If YES, which company do you work for? To be completed by you *Optional information*	

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Article 2 Information to better understand your needs

Maturity on H2 production	Please indicate if any projects you are developing, or which are already operating (incl. size and location)	
	How would you rate your knowledge of Hydrogen market and regulation ? Basic / advanced / expert	
Requested assistance on the following subjects	Do you need information/explanations regarding available public funding for H2 production projects in France ?	
	Do you need explanation regarding regulation on H2 transport ?	
	Others domains (excluding H2 production) for which you would like assistance in order to develop an H2 production plant ?	
Commercial aspect	Is a separate access for off-takers planned?	
	Is contact to potential off-takers established?	
	Do you have an approximative commercial operation date (COD) in mind?	
Land access	Are you actively searching for land access?	

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	In which area are you currently searching?	

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Article 3 Your future facilities

Site details

If you have already identified a potential location for the injection point or connection to the infrastructure, please let us know. If you are interested but have not yet secured a plot of land, we would still welcome the opportunity to discuss your project.

Where a plot of land has already been identified for the project, the Project Developer shall provide details of the location of the planned facilities.

Where several plots have been identified as potential project sites, the Project Developer shall provide, for each plot, all the information requested in the Annex regarding the location of the facilities.

Otherwise, the Project Developer shall provide the best information available at the time of submitting its requirements in the "Comments" section of the table below (municipality, potential geographical area or business park, search area, location constraints or criteria, etc.).

As part of its efforts to support the development of the hydrogen sector, NaTran has available plots within the study area that could accommodate projects.

Address or locality	
Postcode – Town/City	
Describe the site where the future facilities would be located	
Plot number (if known)	
GPS coordinates of your facilities (preferably in signed decimal WGS84 format)	
Comments	

This information is provided for guidance only and shall not bind the Project Developer regarding the final location of its project. It may be clarified or updated subsequently, once the site has been identified.

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Article 4 The hydrogen production facility – **Not mandatory information**

Project description

Please describe the (potential) proposed/envisaged project's processes and facilities in as much detail as possible.

At this stage, any qualitative information would be valuable in helping us better understand the proposed project and assess whether it could meet the needs and expectations of the customers identified to date.

For example, please outline the hydrogen project's background, electricity production and electrolyser sourcing strategy, other feedstocks strategical sourcing, technologies envisaged power ratings, intended hydrogen type, alternatives considered, current stage of development, any financial support you have or intend to secure, and the stakeholders supporting the project.

Injection requirements

Envisaged flow rates

Specify the envisaged injection flow rates (duplicate the table if necessary).

	Requested flow rates			
	At start-up **Commissioning date:**	5 years after commissioning	10 years after commissioning	15 years after commissioning
Nominal flow rate (under normal H2 production operating conditions, in Nm^3/h)				
Maximum flow rate (at maximum H2 production power, in Nm^3/h)				
Minimum flow rate (at minimum H2 production power, in Nm^3/h)				

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Comments				

Injection flow rate profiles

Please insert a diagram showing the injection flow rate profile at the finest available time intervals:

- Annual profile (in m3(n)/h).
- Seasonal profile (in m3(n)/h).
- Monthly profile (in m3(n)/h).
- Daily profile (in m3(n)/h).

Provide the best available information.

Indicate whether hydrogen storage is envisaged (production smoothing, allowance for production failures): if so, what storage volume is envisaged?

Injection pressure

Specify the planned or requested hydrogen pressure at the interface with the hydrogen transmission network.

Specify any pressure variations at the interface with the hydrogen transmission network.

Characteristics of the gas produced

Expected composition (mole fractions)	

Provide the best available information: hydrogen composition at the interface with the hydrogen transmission network.

NaTran is developing a hydrogen quality specification for the transmission network in France. See ***Hydrogen Specification Proposition*** document.

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Commissioning of the Connection Facilities

Requested commissioning date	
Comments	

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Civil works for the Injection Station site in France

By default, civil works for the Station sites in France are carried out by NaTran.

Civil works comprise:

- construction of the process and parking platforms,
- installation of slabs supporting the Injection Station and electrical cabinet,
- trench excavation and installation of the duct and conduit networks required for utilities,
- installation of the earthing system,
- installation of fencing, a vehicle gate and a pedestrian gate, and landscaping where necessary.
- the storage enclosure for calibration gas cylinders.

Unless otherwise agreed, certain works remain the Client's responsibility: provision of level ground requiring no stump removal or vegetation clearance, with adequate stormwater drainage, together with platform works for the site compound and access track, and trench works outside the perimeter.

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