



**Demand assessment report  
for submitted capacity referred to hydrogen  
transmission between  
*Plinovodi d.o.o.* and *FGSZ Ltd.***

**– External document for publication –**

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This report is a joint assessment of the potential capacity projects conducted by

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## **A. Non-binding Demand indications**

Involved TSOs have launched a non-binding market demand assessment on submitted hydrogen capacity demand for interconnection points. TSOs, invited all the Network Users to fill in the non-binding capacity survey, which was available on the TSOs' websites for eight weeks. The period for submission on Slovenian side was between 3 July to 28 August 2023, whereas on Hungarian side from 25<sup>th</sup> July and 15<sup>th</sup> September 2023.

The involved TSOs, FGSZ and Plinovodi have not received any non-binding demand indication for firm hydrogen transmission capacity at the envisaged interconnection points between the entry-exit system of FGSZ and the entry-exit system of Plinovodi.

## **B. Demand assessment**

The transmission systems operators conducting this market survey procedure run from 3 July to 28 August 2023 on Slovenian side and from 25<sup>th</sup> July up to 15<sup>th</sup> September 2023 on Hungarian side gave network users the opportunity to submit non-binding demand indications referred to future prospective hydrogen transmission IP to quantify potential demand for incremental capacity. The Demand Assessment Phase commenced immediately after the non-binding market survey closed.

The received demand indications on the border between the Slovenian entry-exit system and the Hungarian entry-exit system are zero, meaning that no capacity levels need to be developed, no capacity project will be initiated. Based on the aforementioned decision, no technical studies for capacity projects will be conducted.

Project IT-SI-HU H2 corridor is a part of ENTSOG TYNDP 2022 as a new supply route for hydrogen and will connect three neighbouring countries: Italy, Slovenia and Hungary. The project intends to become a part of hydrogen backbone establishing a hydrogen interconnection Tornyiszentmiklós/Pince between the Hungarian and Slovenian system from approximately 2035 onwards. Increased interest in domestic hydrogen production and consumption in all three countries is expected since this project will enable access to the hydrogen transmission system and allow export and import of hydrogen. Project will establish two new hydrogen IPs: Italy- Slovenia and Hungary-Slovenia. With other hydrogen projects Croatia and Austria will also be available as part of the European hydrogen backbone.

Tornyiszentmiklós/Pince hydrogen interconnection point (IP) is not an existing network point

Currently there is no regulation related to hydrogen demand survey.

## **C. Next steps and provisional timeline**

Conclusion for the next steps. According to Plinovodi and FGSZ's common decision, the TSOs will study further the HU/SI hydrogen interconnection and the activities in regard to establishing HU/SI hydrogen interconnection will continue.

TSOs will work further with ENTSOG TYNDP 2024 scenarios data. Project submission towards ENTSOG for TYNDP 2024 is expected from middle of November till mid December 2023. National Development Plans will be updated and submitted to NRAs.

Further Market Demand Assessment will be performed periodically depending on TSOs' decision.

## D. Contact information

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