

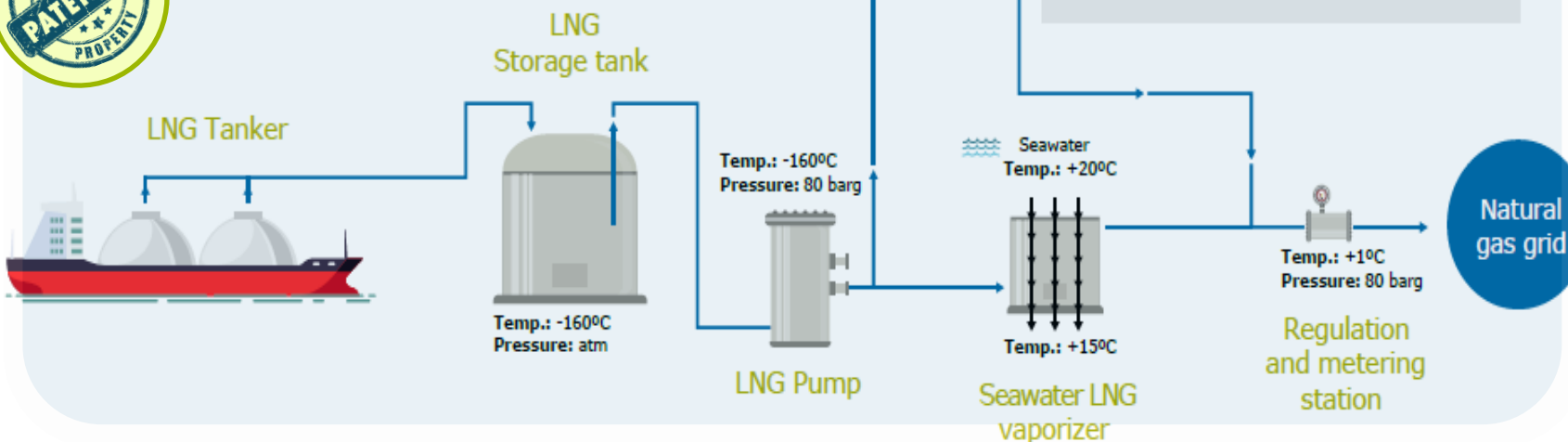
Enagas Cold Recovery



73rd TSG GIIGNL Meeting April 19-21, 2023



Boosting the efficiency of LNG terminals and promoting the circular economy by **harnessing residual cold** of LNG with innovative technology (**Cold Box System**)



Adding Value



Offers technology to make the most of the value of the ecologic cold recovered from the regasification process, encouraging:

- More competitive customers
- Carbon footprint reduction
- Revitalizing port areas
- Business diversification

Ecological Cooling Energy

Barcelona district cooling of 15 MW in partnership with **Ecoenergies Barcelona**

Phase 1: 15 MW – Q1 2024



131 GWh/y



-20°C



Up to 7km

Phase 2: 30 MW



Our projects evolution

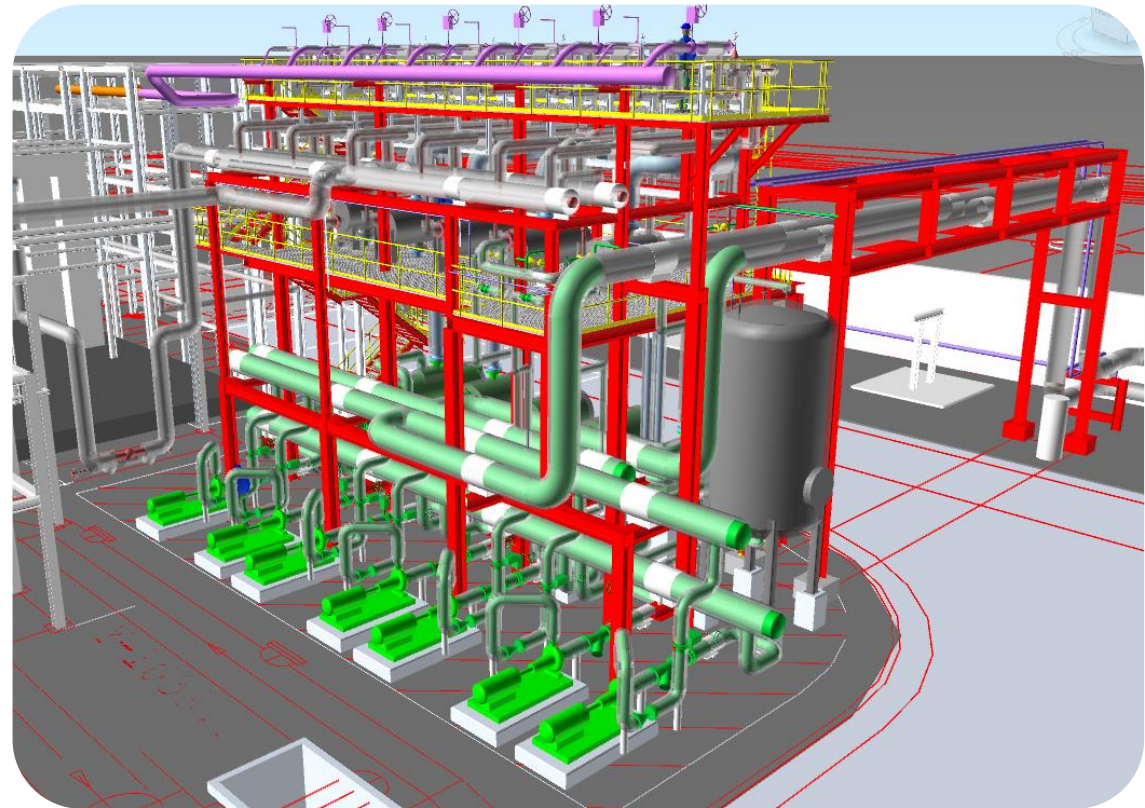
Cold box:	35 kW of cold power
LNG flow rate:	150 kg/h
Transfer thermal fluid:	Brine (<u>salmuera</u>)
Final client:	Refrigerated warehouse. Temp -35°C



LNG Barcelona Terminal Visit



PROTOTYPE 1-30 kW



Under Construction-15 000 kW



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