

Diversifying the regional gas market: Alternative gas routes, LNG & Biomethane

By Boyana Achovski, GIE Secretary General

LNG pathway for decarbonisation

Low risk and incremental - utilising existing infrastructure and assets



Today

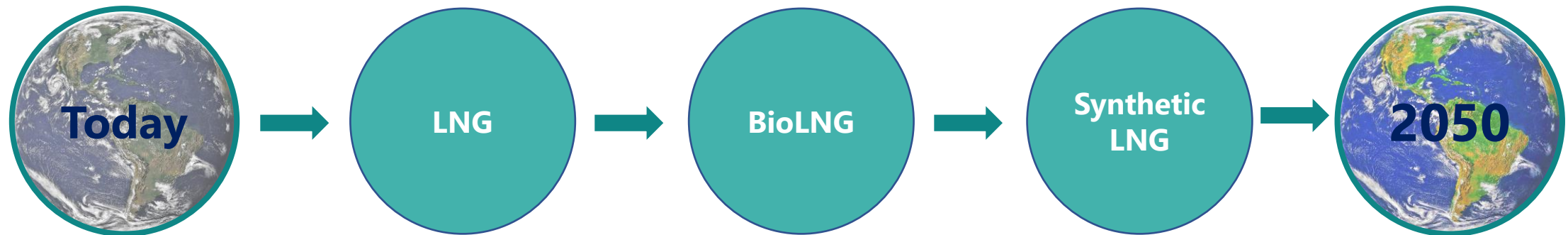
LNG offers GHG reductions:

- **Immediate**
- **of up to 23%**

In the future

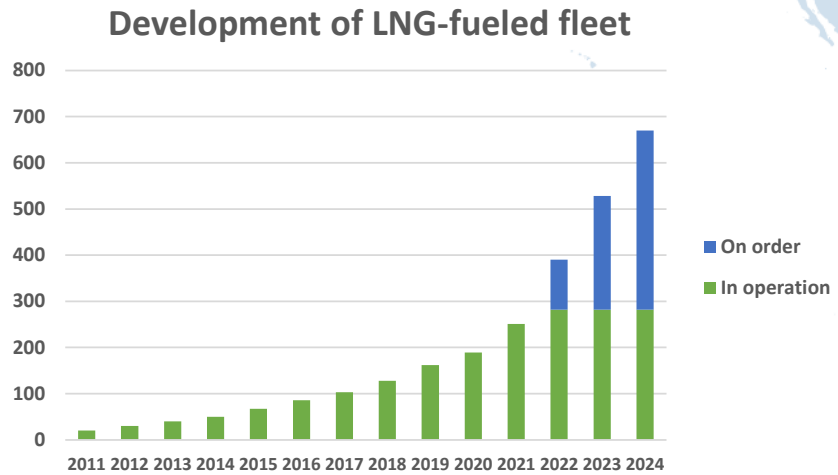
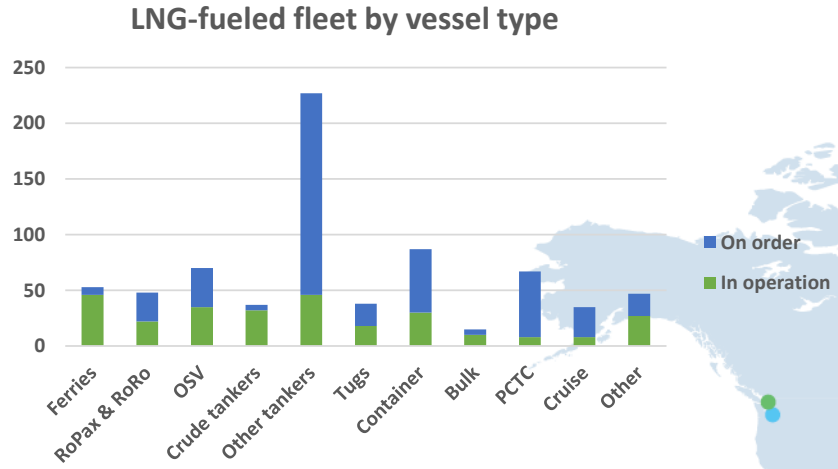
through the use of **BioLNG** & **renewable** synthetic LNG

- Incremental pathway to net-zero emissions



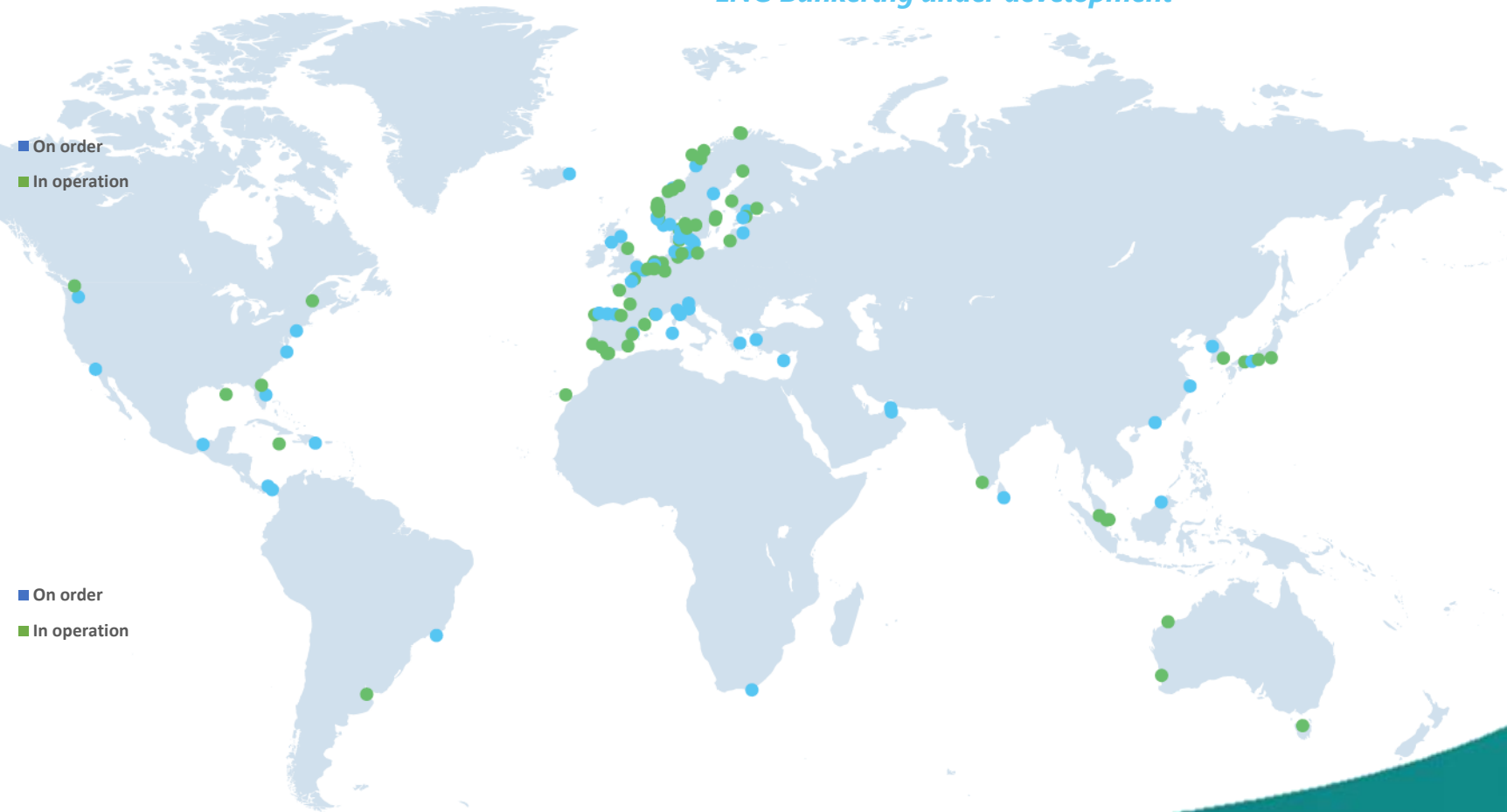
Status of LNG as a marine fuel

Rapidly growing numbers of LNG-fuelled ships & bunkering infrastructure

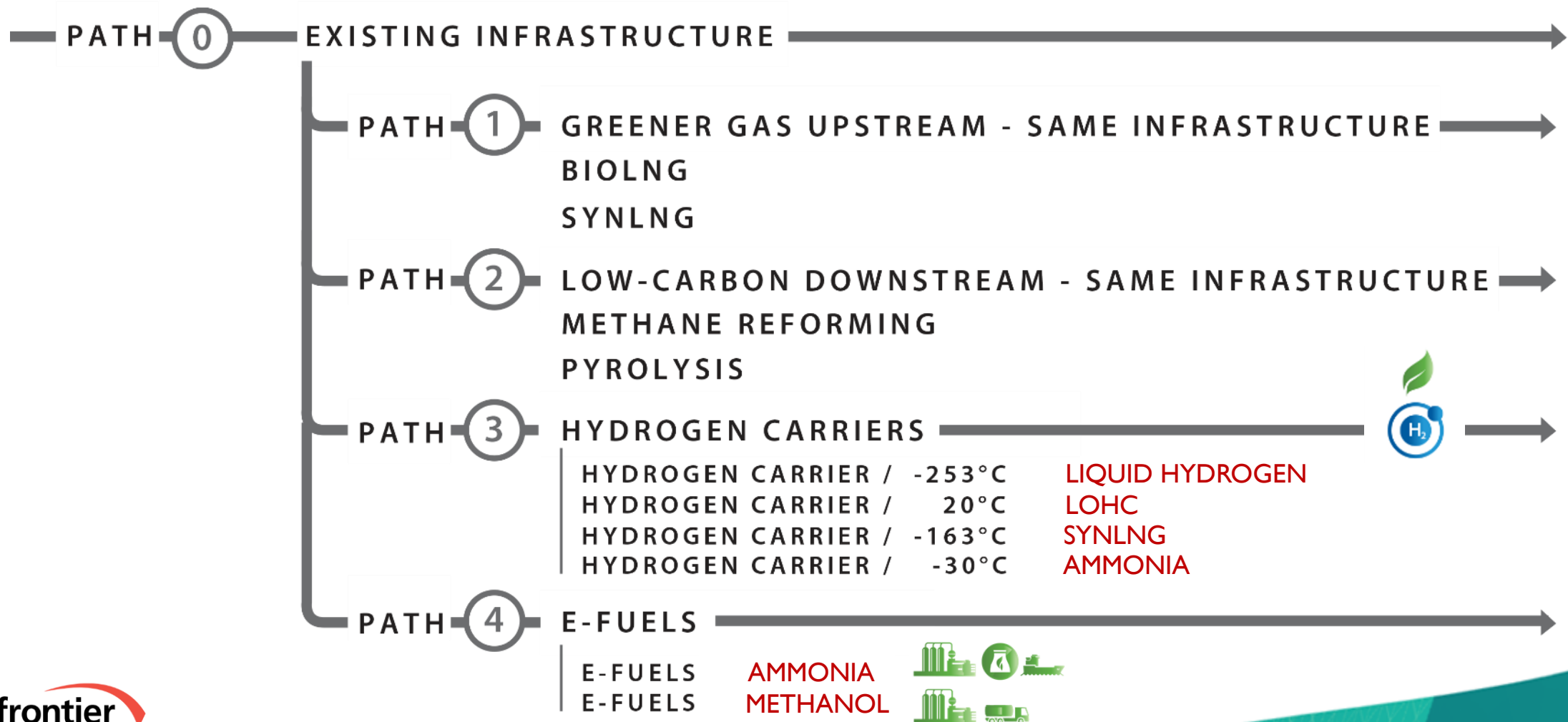


Key ports

- *LNG Bunkering available*
- *LNG Bunkering under development*



Many decarbonisation pathways use existing and upgraded LNG terminals





Gas Infrastructure Europe

GIE is the association of the gas infrastructure operators of Europe active in transmission, underground storage, and LNG terminals. It represents around 70 member companies from 26 countries. GIE members work and innovate with renewable and low-carbon gases to allow European citizens to benefit from a secure, efficient, and sustainable energy supply, aiming to become the backbone of the innovative and decarbonised energy system.

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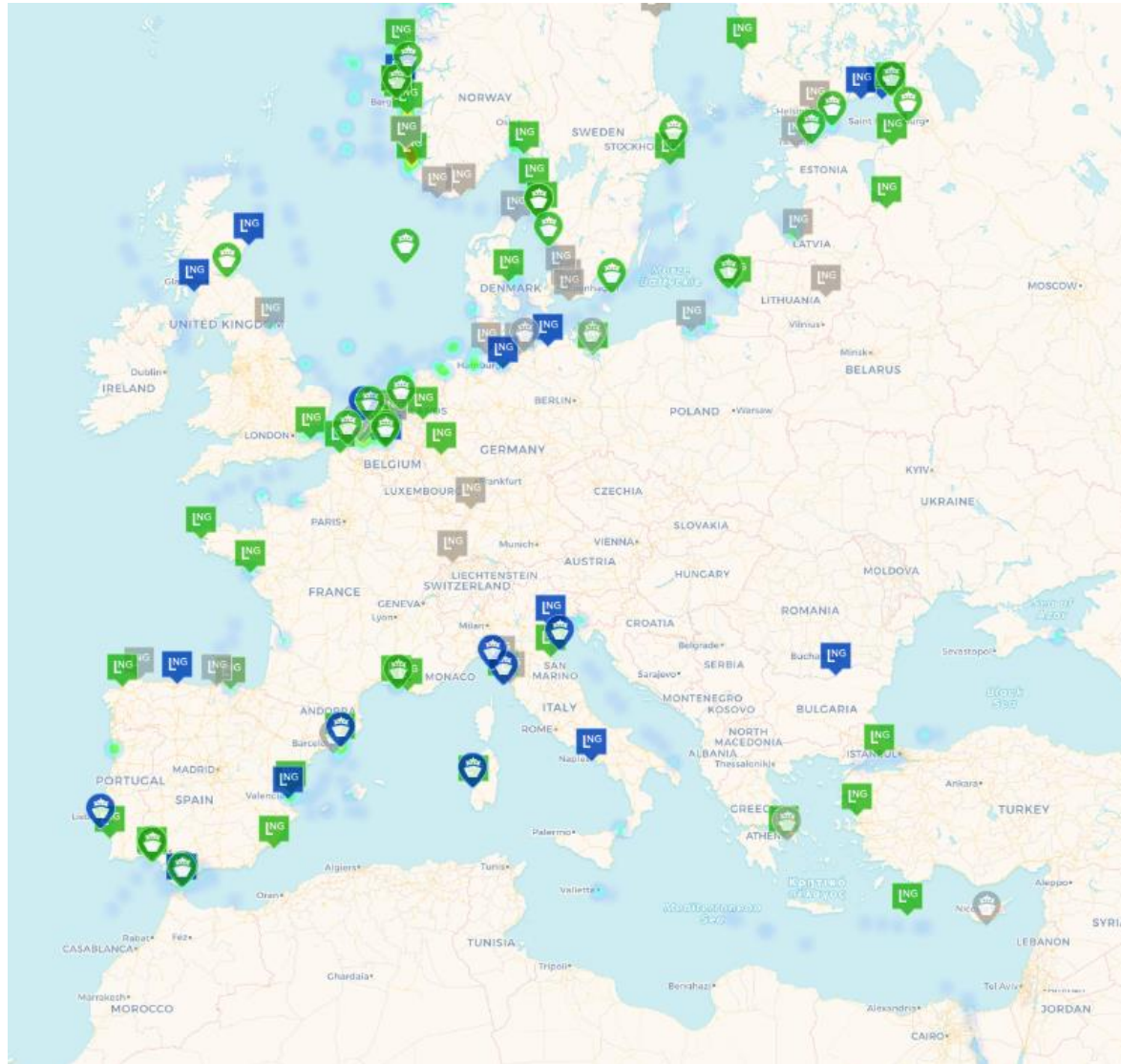


vimeo.com/gievideo

Back up slides

LNG bunkering infrastructure in Europe

Current status



LNG bunkering: available in \cong 50 EU ports

Further 40+ ports have plans

TEN-T Core Ports - LNG bunkering status

- 30% operational
- 7% decided
- 9% under discussion

In operation

Decided

Under discussion