

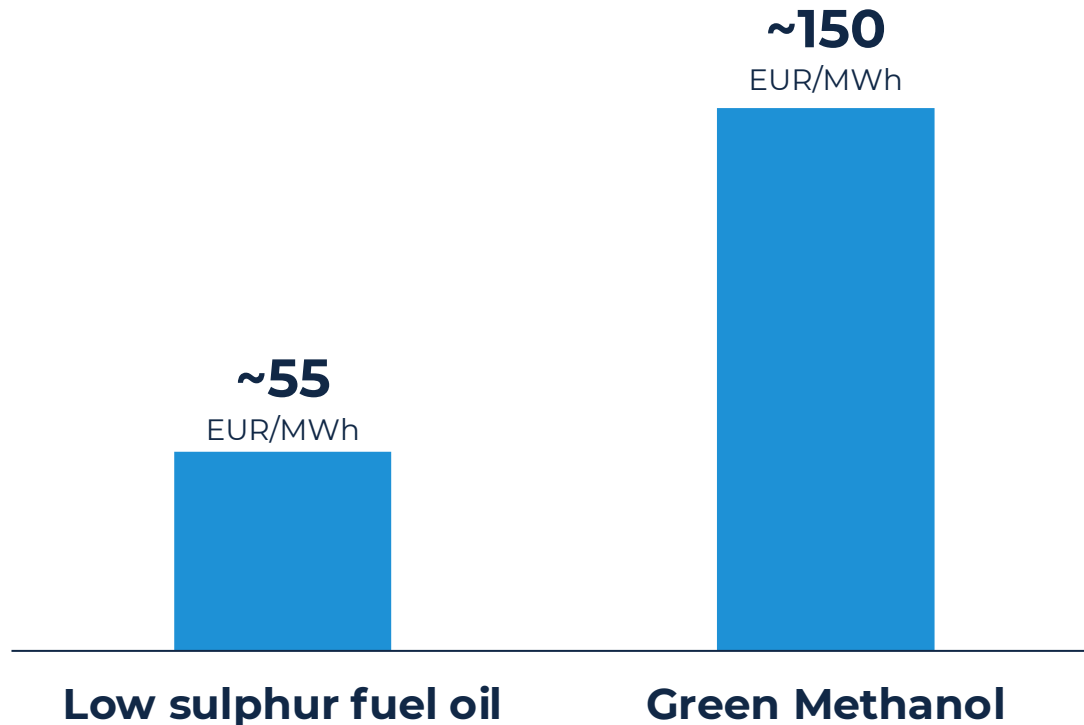


ICODOS

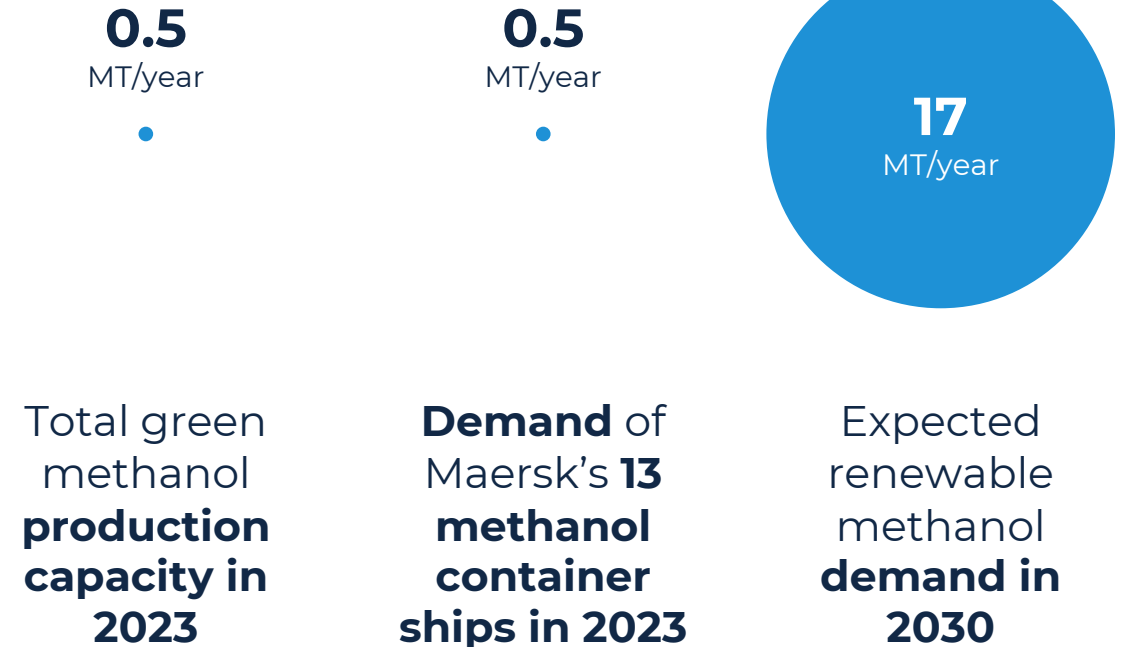
**We make every ship run
on carbon neutral fuel**

Green methanol yet too costly and hardly available

Cost

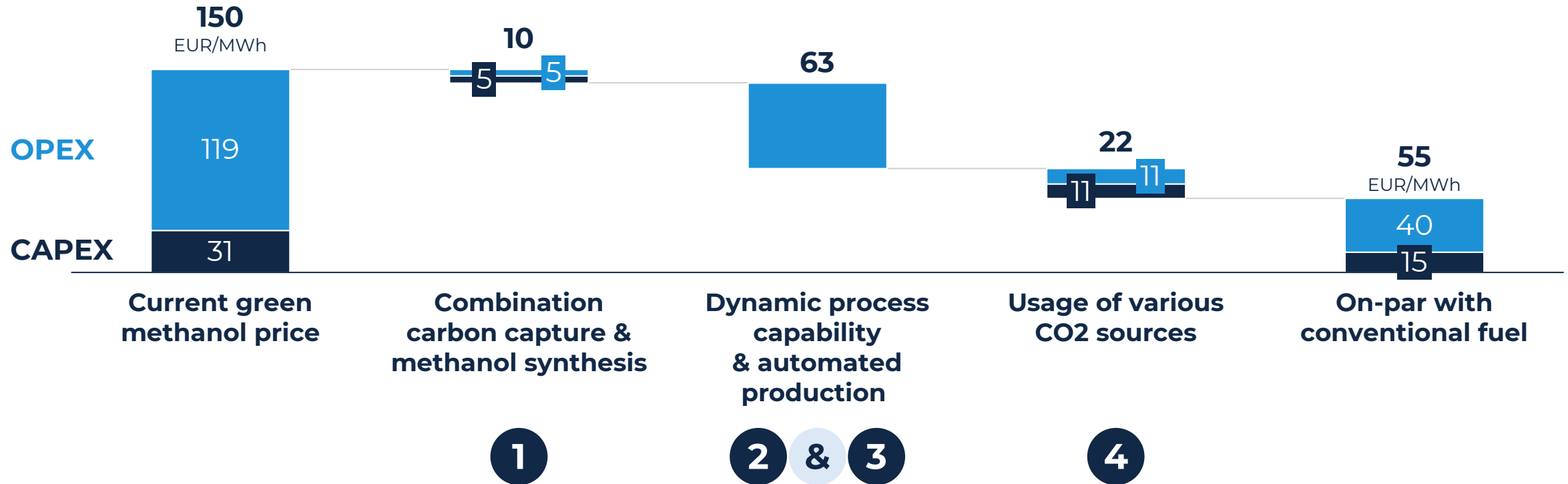


Availability



ICODOS' patented process enables production cost on-par with conventional fuel

ICODOS' total methanol production cost



ICODOS' patented process delivers cost-effective green methanol at scale

4 key features translate into...

... 4 clear USPs

Problems tackled

1 **Patented** process: **Combination** of **carbon capture** with **methanol synthesis**



>30% less energy demand for carbon capture than competing technologies

2 **Dynamic** process capability



Direct use of **intermittent RES¹** via **PPA²**

3 **Automated production** with remote monitoring



Enablement of dynamic process + minimization of **human O&M cost**

4 Usage of **various decentralized CO2 sources** possible



High number of use cases allowing **fast scale-up** at **lowest cost locations**

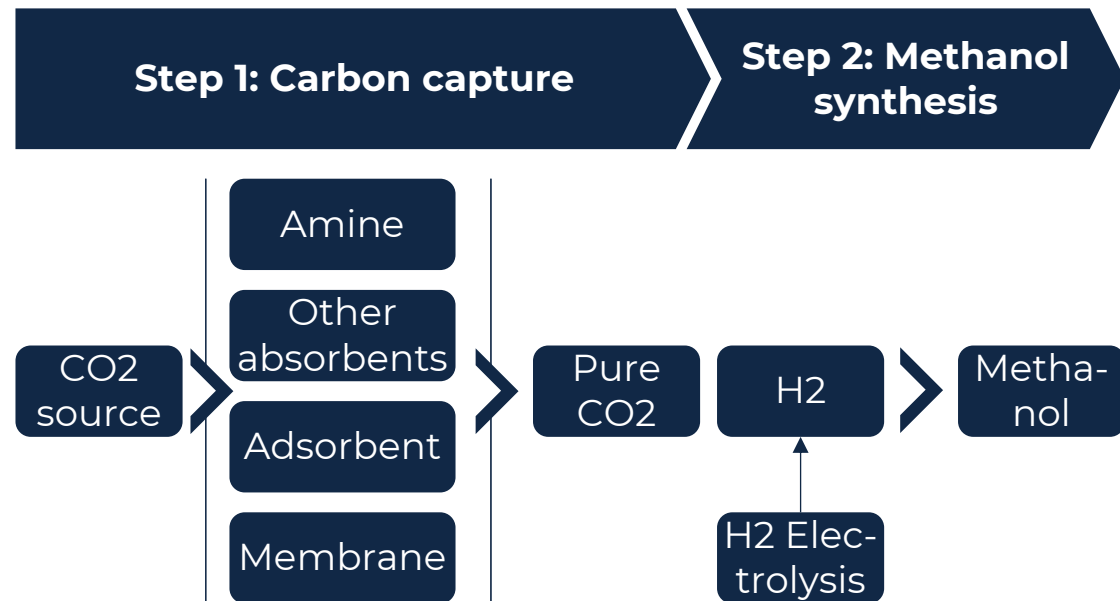
Cost

Cost & Availability

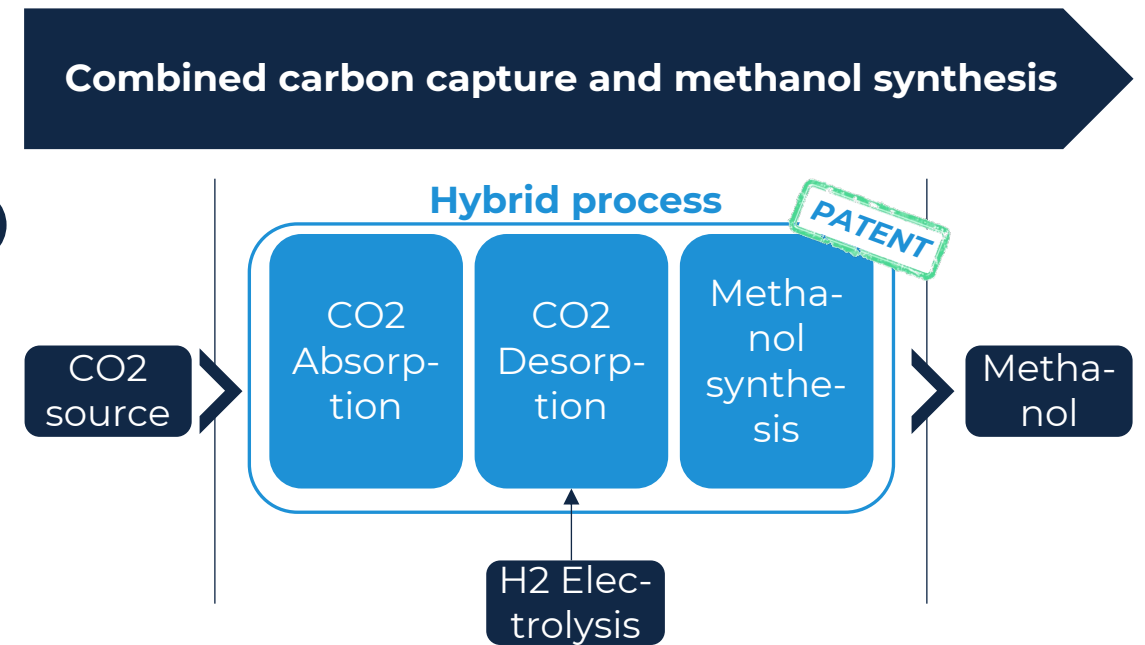
1. Renewables energy sources
2. Power purchase agreements

1 ICODOS' patented hybrid process vs. comparable technologies

Comparable technologies: separated process



ICODOS' patented hybrid process



ICODOS' technology achieves TRL 6 mid-2023 and is ready for industrial scale-up from 2024

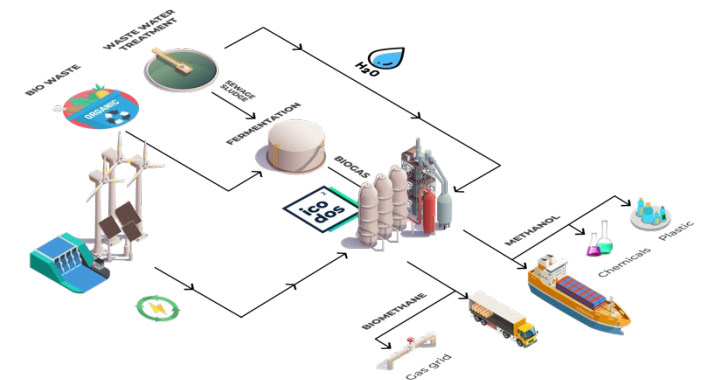
2019-2021:
Demonstrated in lab
(TRL 4)



2021-2023:
Demonstrated in target
environment (TRL 6)

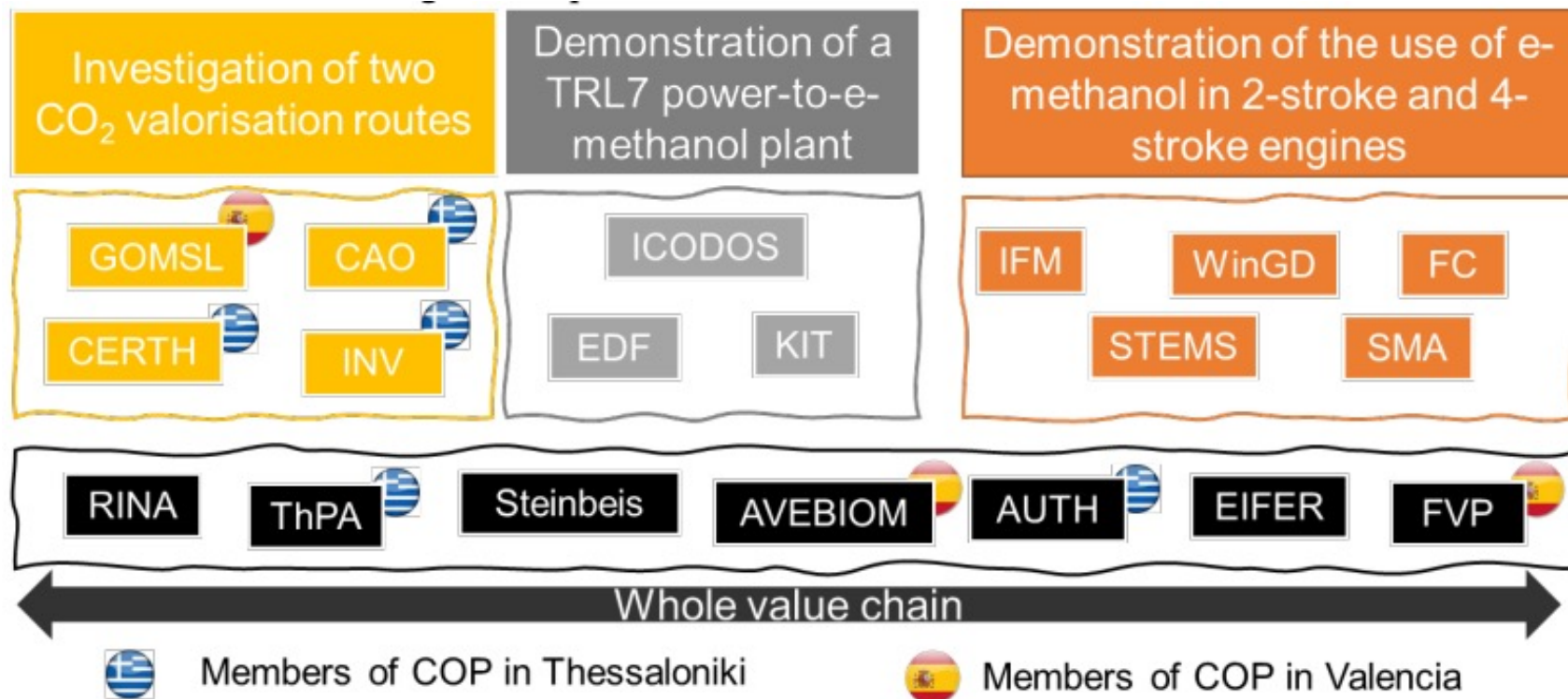


From 2024:
Industrial scale up



ICODOS has secured highly competitive Horizon Europe grant for development of TRL 7 demonstration plant

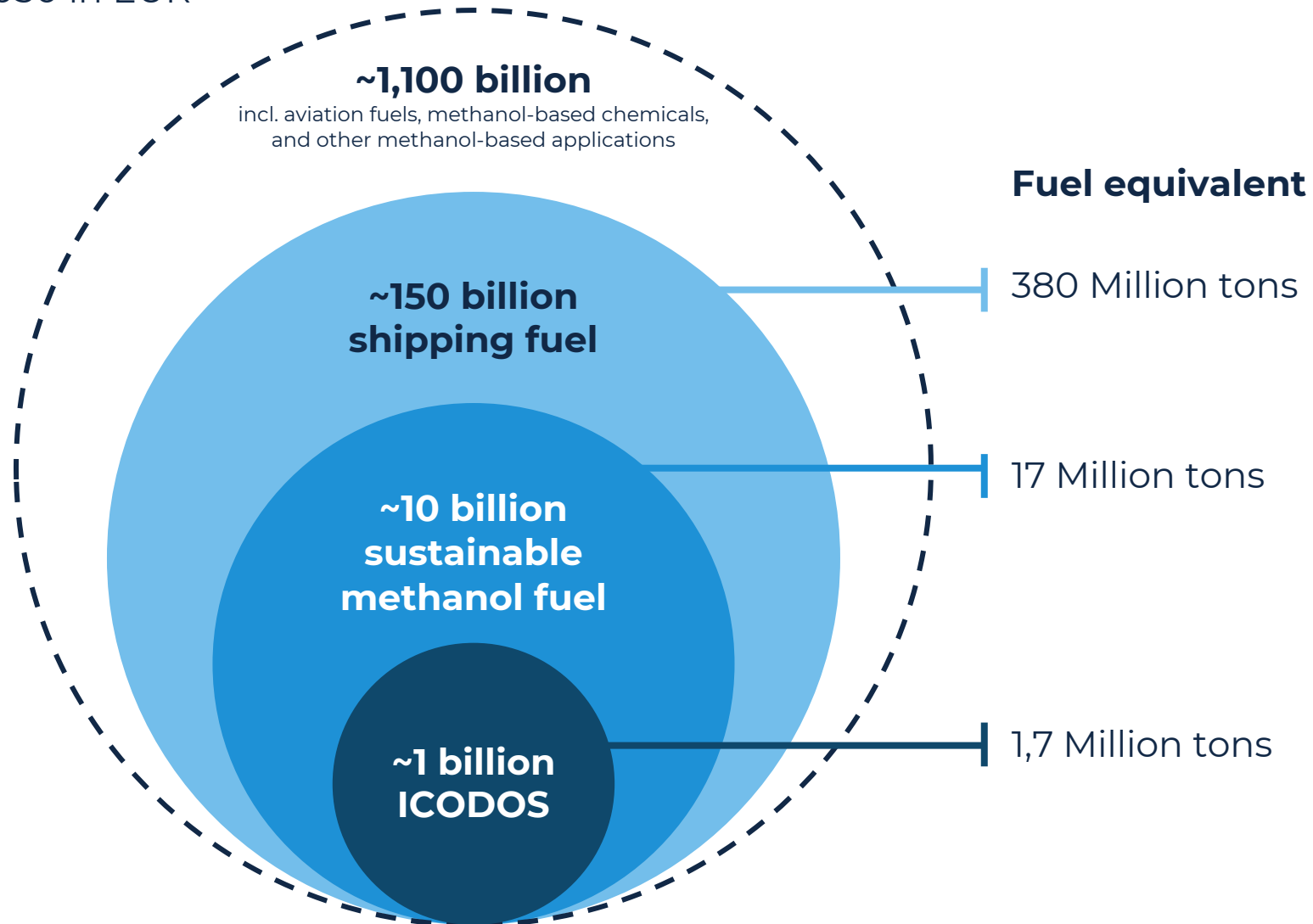
19 partners in consortium along whole methanol value chain won EUR ≈10 mn Horizon Europe grant from European Innovation Council to develop and optimize TRL 7 demonstration plant for ICODOS



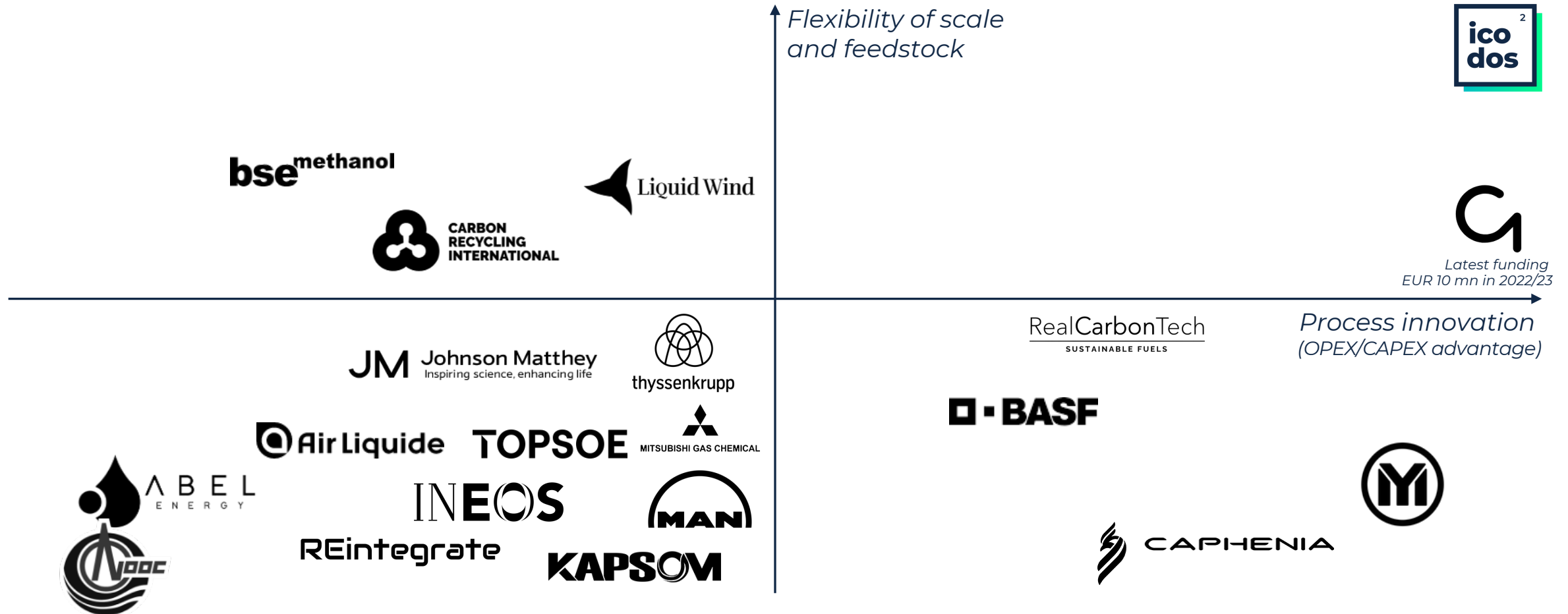
EUR 2 mn
as non-dilutive grant
for ICODOS for
demonstration plant
development

Enabling green shipping is a multi-billion opportunity

Sales figures for 2030 in EUR



ICODOS offers a unique cost superior & flexible process innovation



We bring a unique mix of deep scientific expertise with stellar operational execution to deliver on ICODOS' mission



**Francisco
Vidal Vazquez**

Co-Founder & CTO
francisco@icodos.com

- >10 years experience in the development and implementation of technologies for renewable energy, fuels and chemicals, incl. PoC and chemical plant development
- PhD, M.Sc., & B.Sc. in chemical engineering



**David
Strittmatter**

Co-Founder & CEO
david.strittmatter@icodos.com

- Green business builder supported PEM electrolysis startup to raise EUR >450 mn in funding
- 2 years of strategy consulting experience in climate technologies (hydrogen, CCUS, heatpumps, and alternative shipping fuels)



**Jens
Geppert**

Co-Founder & COO
jens.geppert@icodos.com

- Proven project leader with decades of experience in developing and managing large-scale chemical plants (investments EUR >100 mn)
- Experience in all phases from concept development to fully optimized operations for numerous major facilities

