



sweetch energy

Expanding the frontiers of renewable energy



Company ID

- + Started activity in 2017
- + 25 employees in Rennes (France)
- + Funded by climate tech / deep tech VCs and industrial partners

GO CAPITAL

DEAMETER



- + Supported and funded by EU and French institutions



bpi france

- + Zero-emission**
- + Non-intermittent**
- + Sovereign**
- + Abundant, yet untapped**

**Osmotic power
is next-gen energy
source for electricity
and green hydrogen
generation**

20_x higher power density

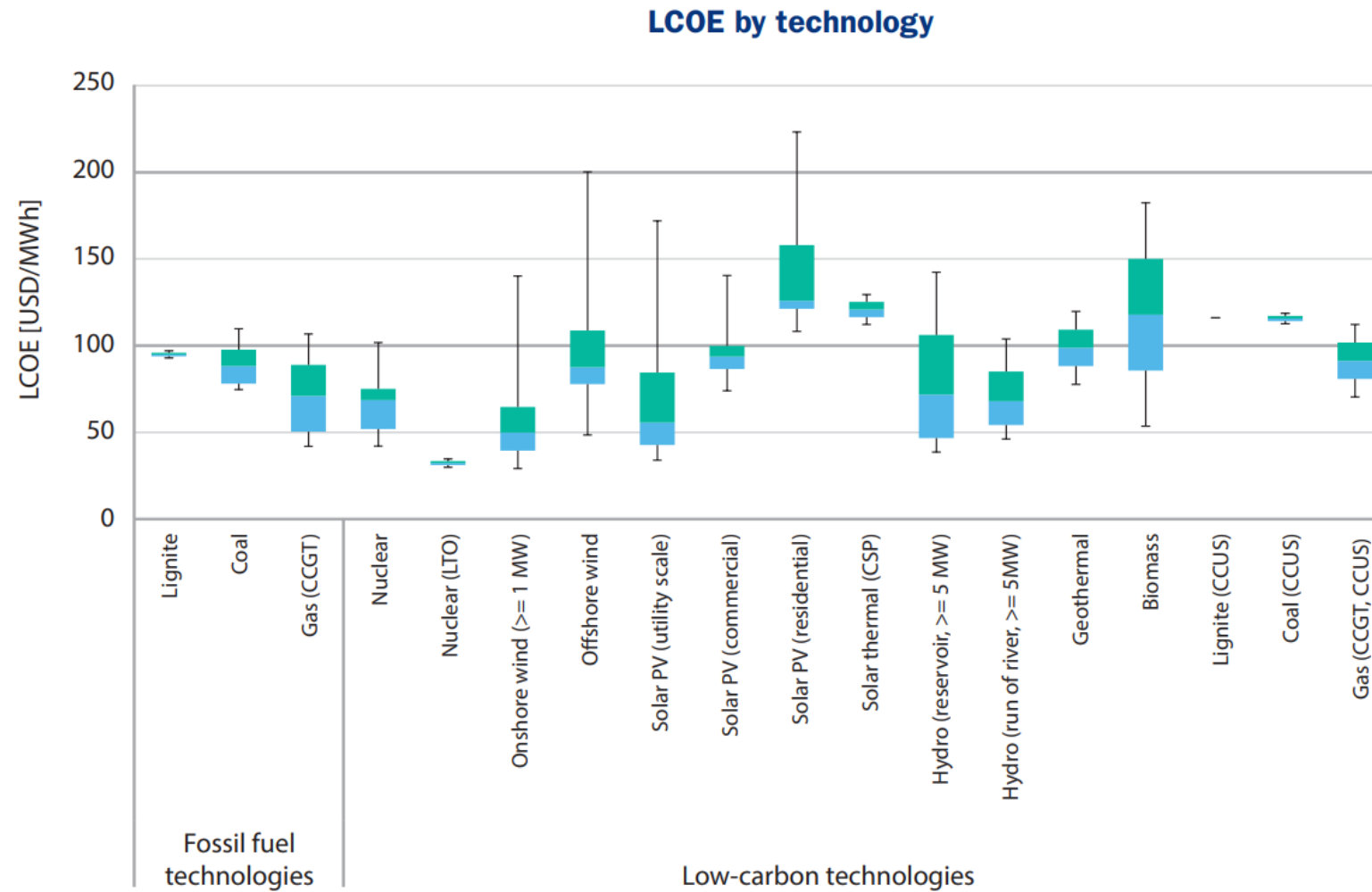
5-10_x less expensive

Biosourced materials

Patented INOD[®] technology

**New nanoscale
membranes unlock
osmotic power
potential**

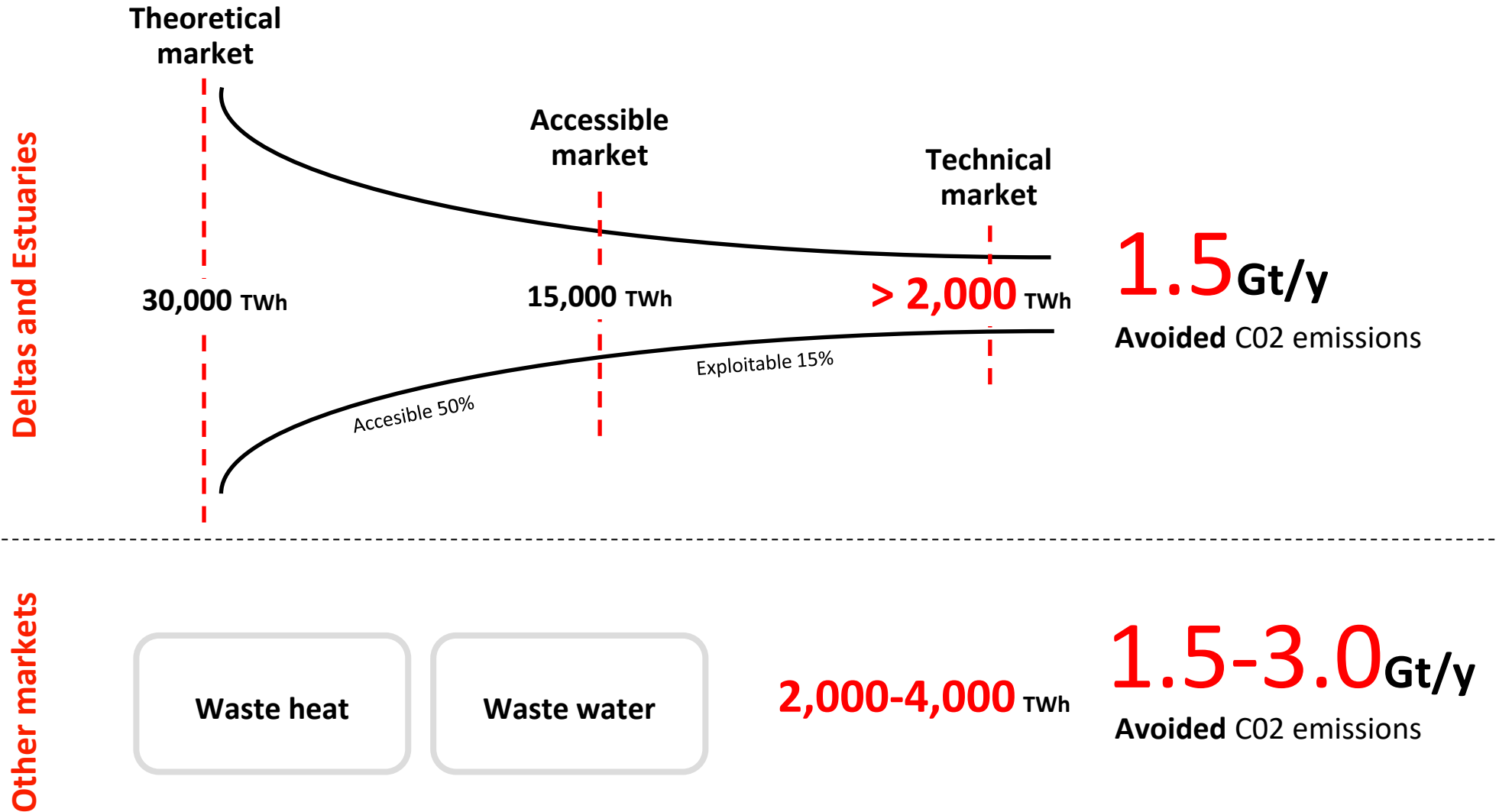
INOD[®] performances make osmotic power competitive



Our system at scale



Key option in the global fight against climate change



+ Deltas & estuaries

50 GWc to install (400 TWh/y)

300 Mt CO₂ avoided per year

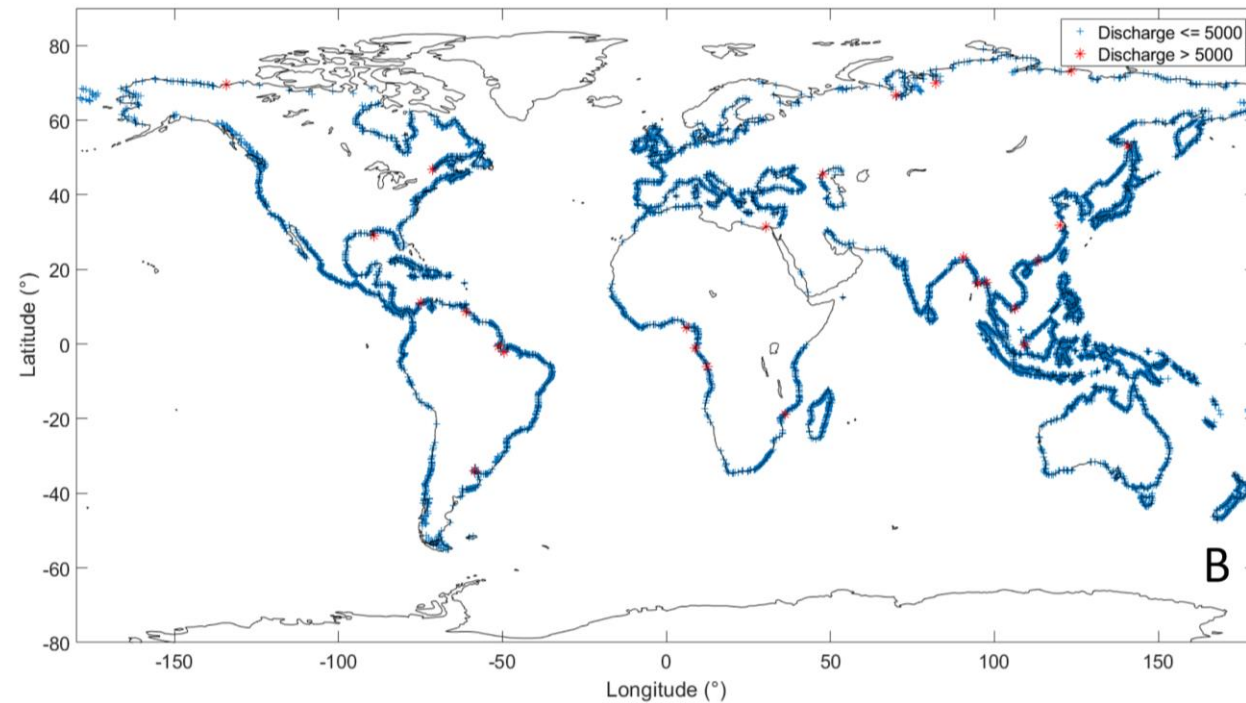
+ Other markets

50-100 GWc to install (400-800 TWh/y)

300-600 Mt CO₂ avoided per year

**Osmotic power to
accelerate energy
transition in the EU**

Building a global portfolio for large scale electricity and green hydrogen generation from 2024



Deltas & Estuaries

TAM – 300 GWc



Rhône river delta (france)
0.5 GWc potential
Pilot ready in End 2023



France & international
Multi-GWc portfolio
under development

Building collaborations with large hydropower
and energy utilities

Other markets

TAM – 600 GWc

Waste heat



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Waste water



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Take away

Blue Osmotic Energy: zero-emission, non-intermittent, sovereign, massively available yet untapped, energy source

INOD®: game changing technology, ready to deploy full scale in 2024

Sweetch Energy: from European deeptech Startup to global energy leader in osmotic power

