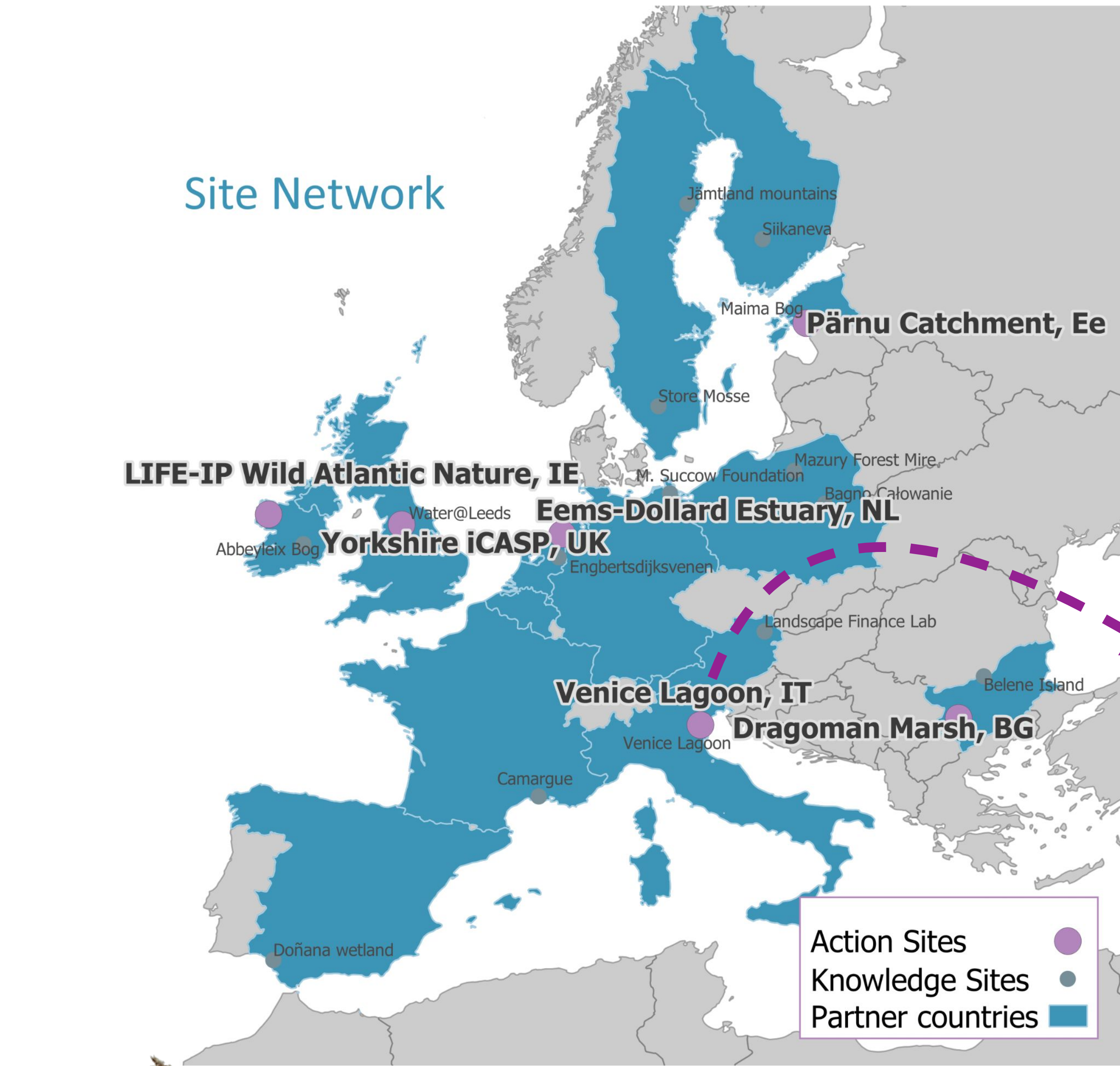


# The Venice Lagoon as an action site for wetland restoration upscaling



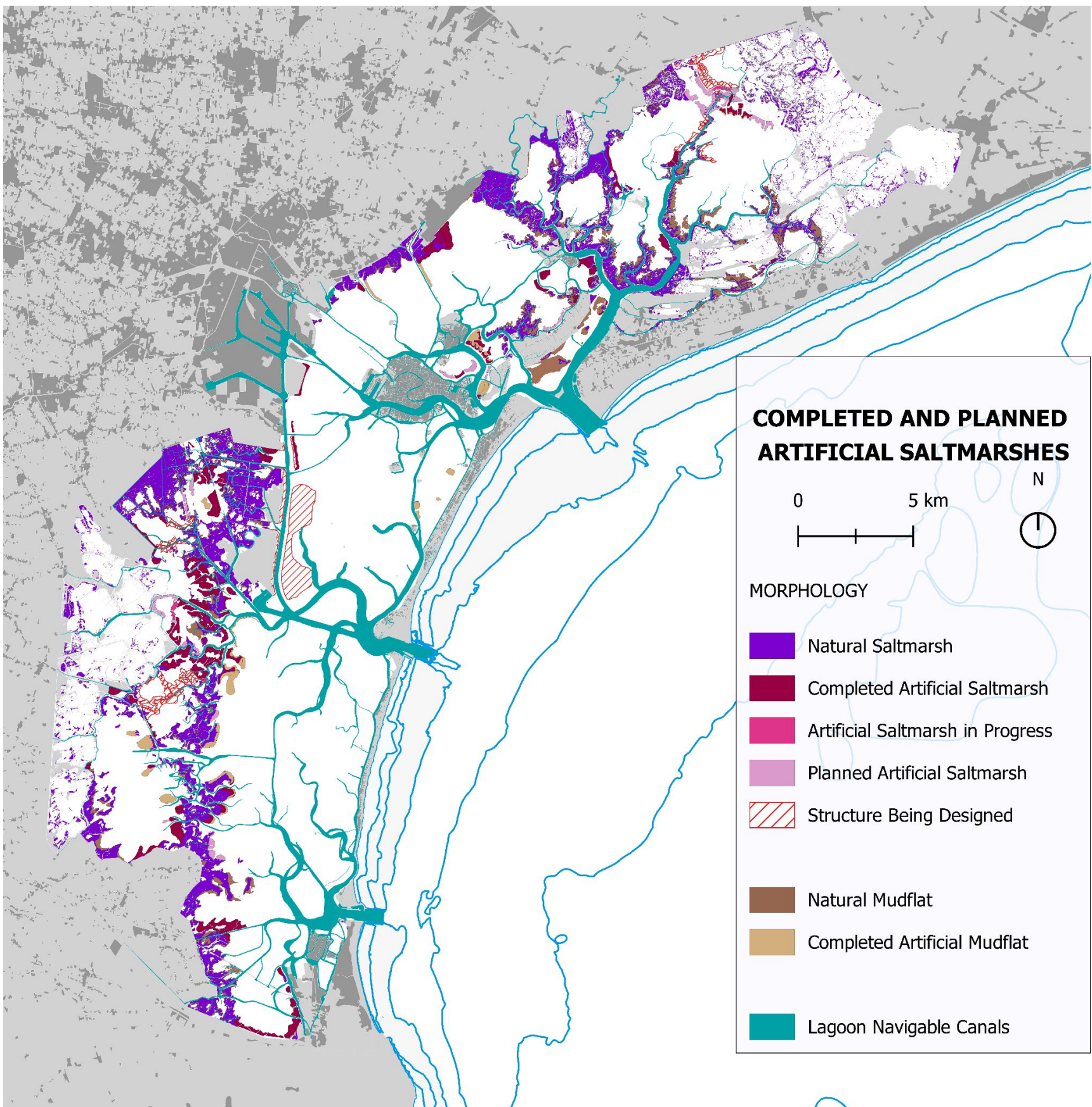
Bertolini, C.; Gasparotto, A.; Pivato, G.; Scapin, M.; Sovrani, E.; da Mosto, J.



In the past, structural factors have predominated in salt marsh reconstruction via heavy engineering.



Over the last century, the Venice lagoon has experienced extensive saltmarsh loss and degradation, induced by a consistent and ongoing net loss of sediments from the lagoon and exacerbated by natural and anthropogenic processes including erosion, sea level rise (SLR) and waves generated by boat traffic.



How can the ecological functionality be optimised?

Biodiversity

Carbon sequestration

Nursery and fishery

Water purification



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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101036484 (WaterLANDS). This output reflects the views of the authors and the European Commission is not responsible for any use that may be made of the information contained therein.

By engaging with local communities, policymakers and other stakeholders, WaterLANDS aims to facilitate social and economic benefits for the communities involved, alongside improvement of environmental quality and associated benefits. In Venice, this will mean consolidating previous knowledge, and community interactions for the co-creation of a new lagoon-focused narrative.

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