

- stocks in belowground biomass.
- between Organic Matter content between zones within each reed bed site and



to sample along Pojo Bay covering a range of salinities and wave exposure from the northern-most



![](_page_0_Picture_8.jpeg)

![](_page_0_Picture_9.jpeg)

## Carbon storage in coastal reed (Phragmites australis) ecosystems

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• Our results indicate that reed beds along the Pojo Bay system in coastal Finland are efficient systems for C storage.

• Further research into how C storage in these reed beds varies seasonally is underway and future research into methane emissions from these reed beds is planned for 2024-2025.

![](_page_0_Picture_17.jpeg)

![](_page_0_Picture_18.jpeg)

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The aim of my study is to quantify how much C is stored in reed bed biomass and sediment along the brackish Pojo Bay system in coastal

![](_page_0_Picture_24.jpeg)