

Manx Eelgrass Conservation and Restoration

Dr Lara Howe



Manx Wildlife for the Future

Bea-Feie Vannin son y tra a ry-heet



www.mwt.im

enquiries@mwt.im | Manx Wildlife Trust, 7-8 Market Place, Peel, IM5 1AB | 01624 844432 | Registered Charity 225 IOM | Reg Company 5297 IOM

- Leading nature conservation charity on the Isle of Man
- 50th year





Manx
Wildlife Trust
Treisht Bea-Feie
Vannin

Manx Eelgrass

- *Zostera marina*
- 5 areas
- Vary in size from small patches to huge beds
- Bulgham is not within an MNR



Sample collection

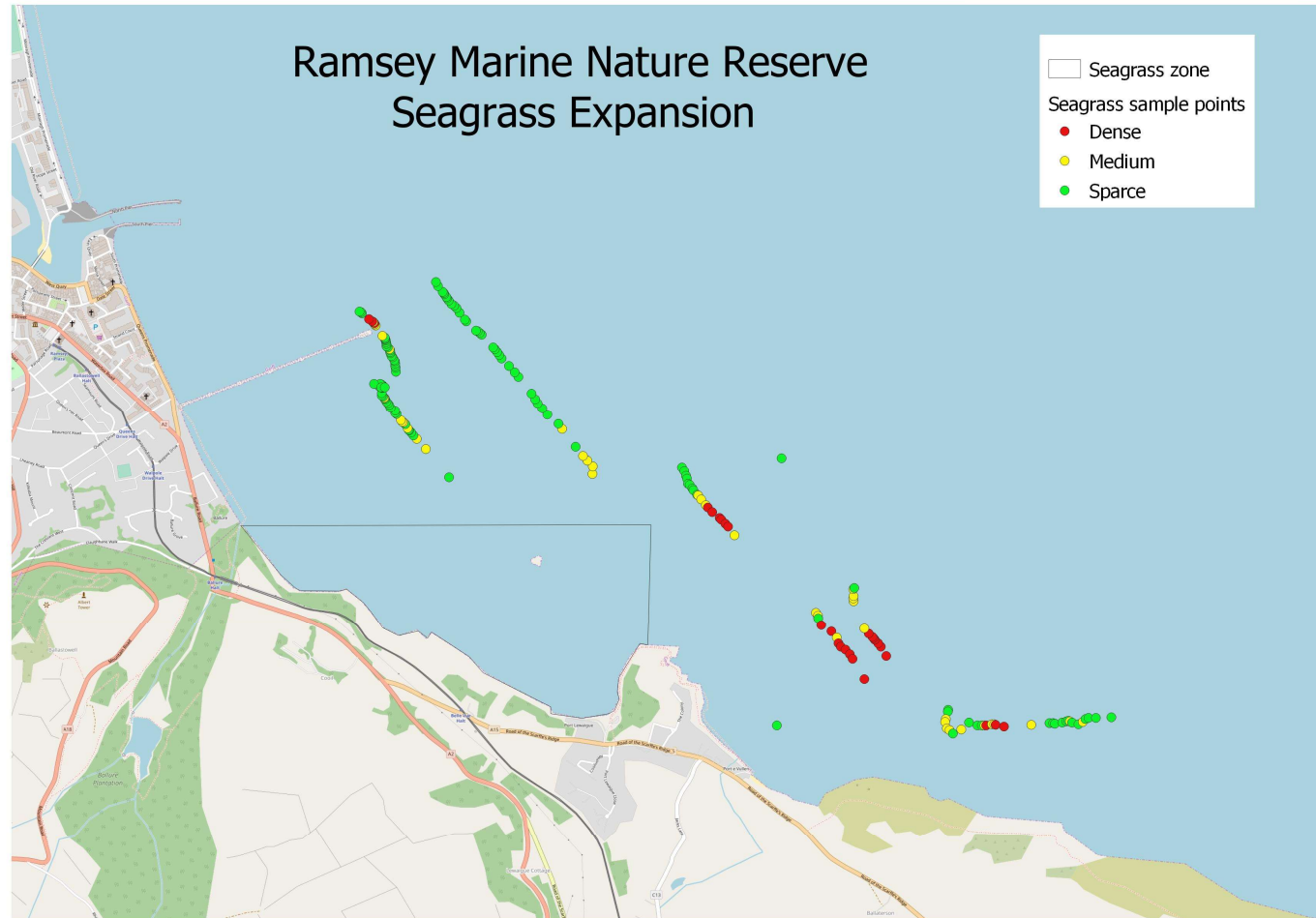
- 2015 – seagrass health

The perilous state of seagrass in the British Isles – Jones and Unsworth. 2016.

- 2019 and 2021 - genetics



Ramsey Bay survey





Manx
Wildlife Trust
Treisht Bea-Feie
Vannin

Bulgham Bay



Supported by
KPMG





Manx
Wildlife Trust
Treisht Bea-Feie
Vannin

Eelgrass translocation - harvesting



Supported by
KPMG





Manx
Wildlife Trust
Treisht Bea-Feie
Vannin

Core sampling



Supported by
KPMG

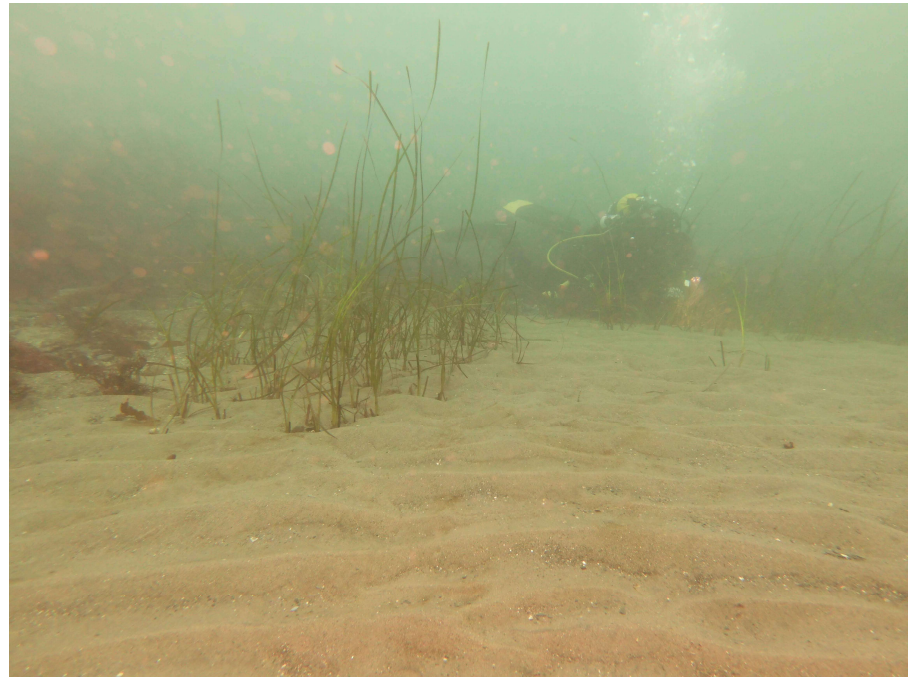
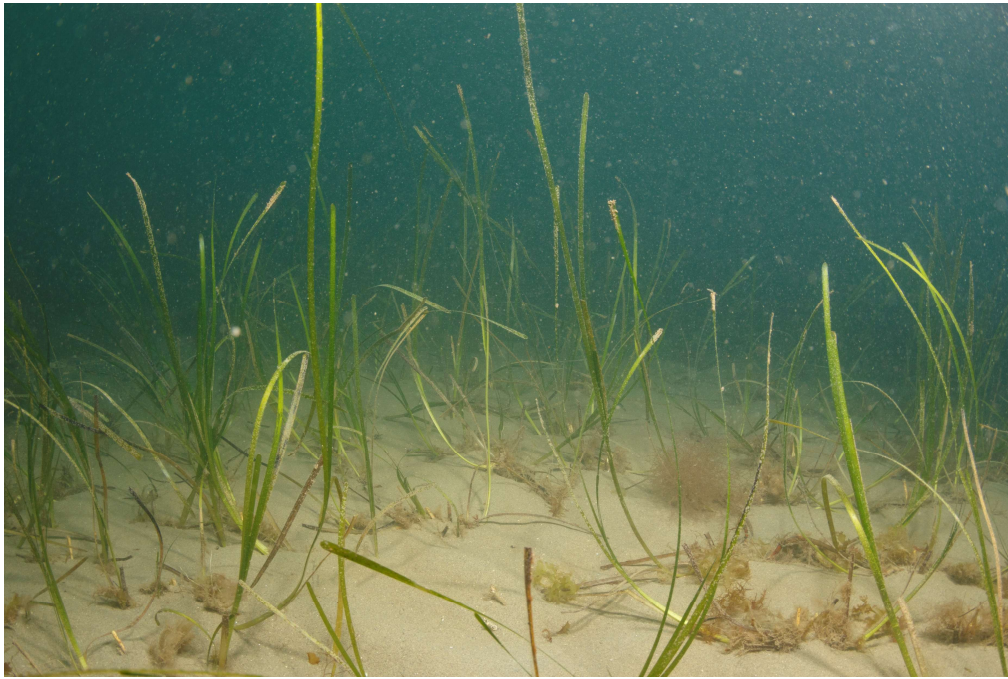


Isle of Man
Government
Reiltys Ellan Vannin

Eelgrass translocation - planting



Eelgrass translocation - monitoring



Eelgrass translocation – same location

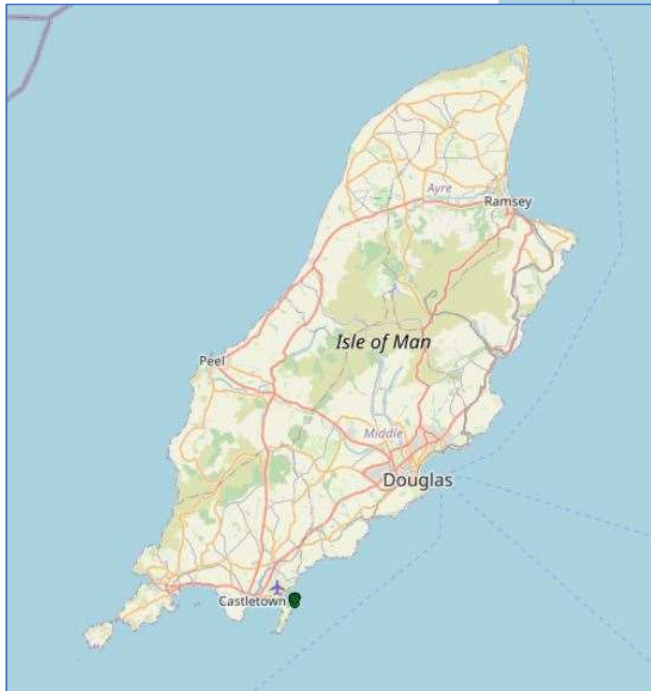


Manx Eelgrass Group MEG





Eelgrass mapping





Manx
Wildlife Trust
Treisht Bea-Feie
Vannin

Eelgrass monitoring – drop-down



Supported by
KPMG





Manx
Wildlife Trust
Treisht Bea-Feie
Vannin

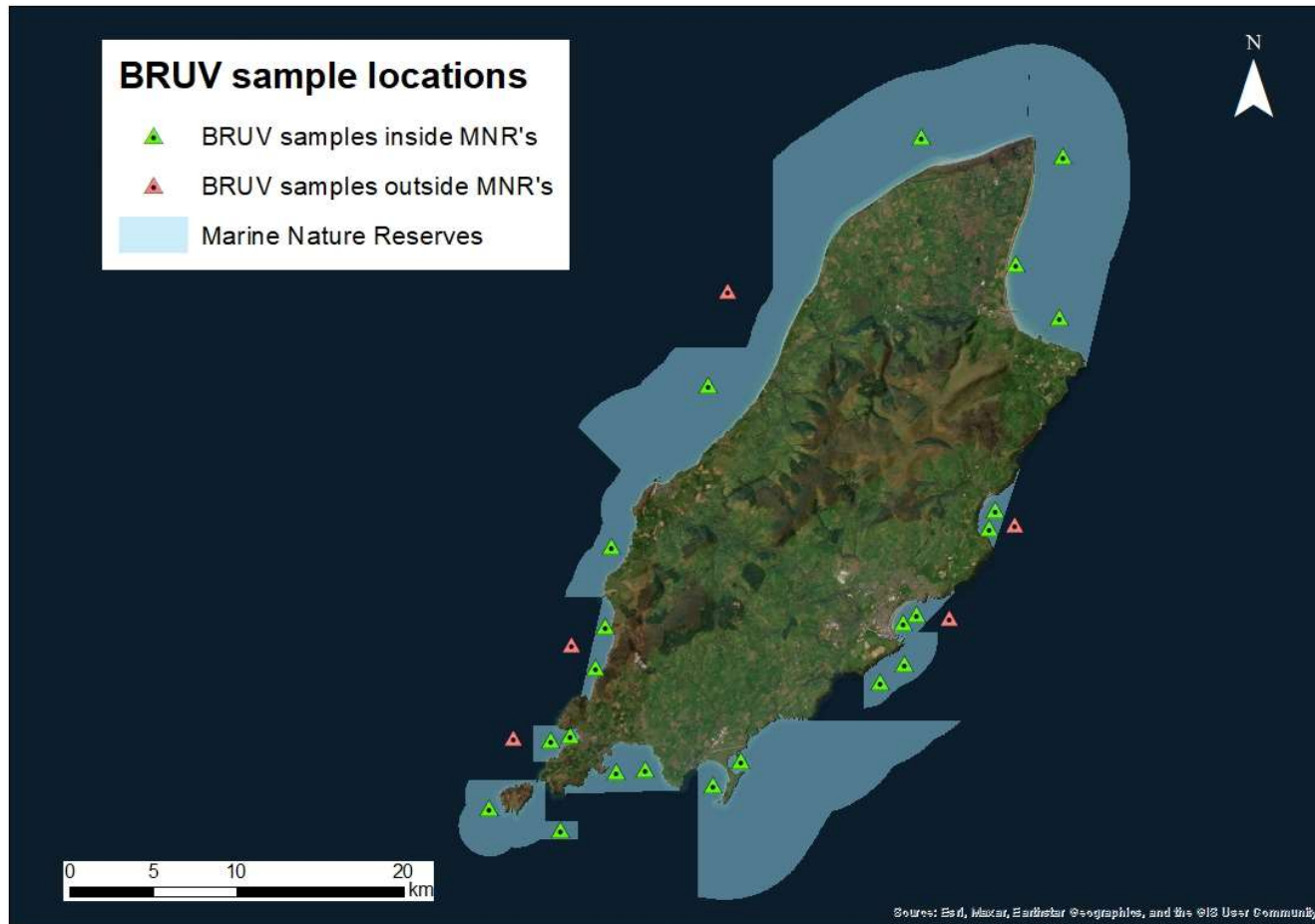
Eelgrass monitoring - BRUV



Supported by
KPMG



Eelgrass monitoring – BRUV locations





Manx
Wildlife Trust
Treisht Bea-Feie
Vannin

Eelgrass monitoring – pins



Supported by
KPMG

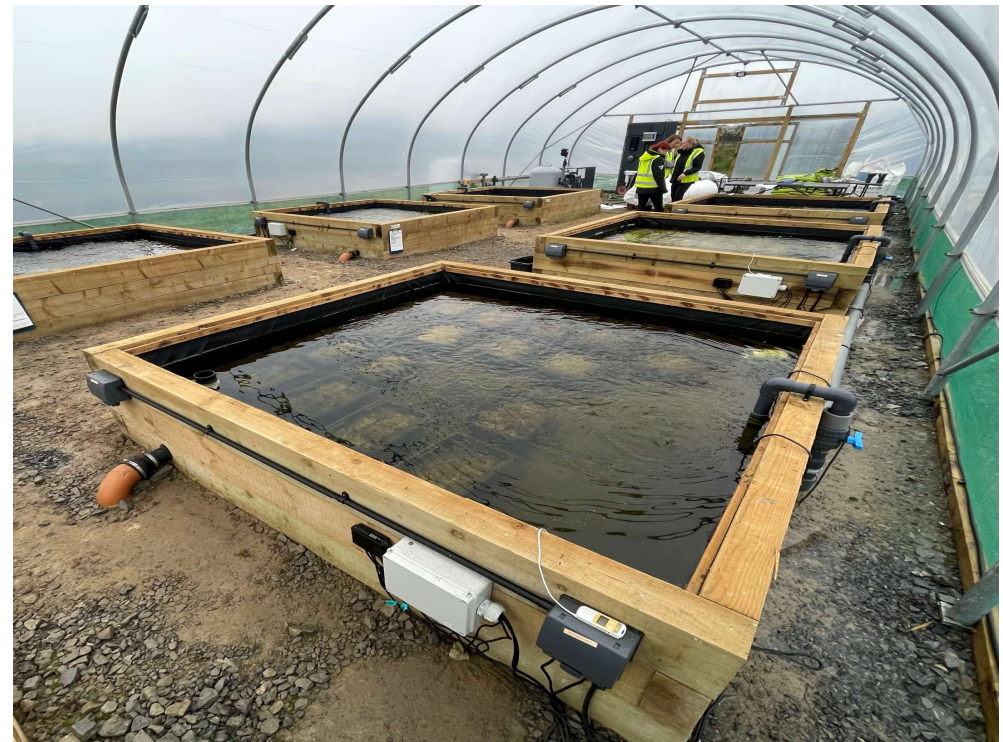


Knowledge sharing and learning



Future plans

- Continue mapping
 - existing and possible new sites
 - abundance, health and biodiversity
- Eelgrass seed and/or plant translocation?
- Eelgrass nursery?





Our Partners



Manx Wildlife for the Future



Bea-Feie Vannin son y tra a ry-heet



www.mwt.im

enquiries@mwt.im | Manx Wildlife Trust, 7-8 Market Place, Peel, IM5 1AB | 01624 844432 | Registered Charity 225 IOM | Reg Company 5297 IOM