Interreg

EUROPEAN UNION

France (Channel Manche) England

RaNTrans

European Regional Development Fund

Rapid Reduction of Nutrients in Transitional waters

RaNTrans

https://rantransproject.com/

@ProjectRaNTrans

01/02/2021 (Rohan Smith)

Session Objections

- You will be able to understand:
  - The need for Project RaNTrans
  - The project plan and what will be delivered
  - Who are involve
  - Study locations
  - Work Packages and Outputs
  - How to get involve

The need for Project RaNTrans

- Coastal water bodies in the Channel region are impacted by elevated nutrient levels from fertiliser use and human waste.
- Reduced water quality and coastal eutrophication (excessive algal mat growth)

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The project plan and what will be delivered

- Rantran is externally funded by Interreg
- The working partnership is lead by UoP
- 5yr duration (end 30/06/2023)
  - Covid restrictions
- Develop and test novel methods in 5 work packages
- 20% increase water quality – Good Ecological Status

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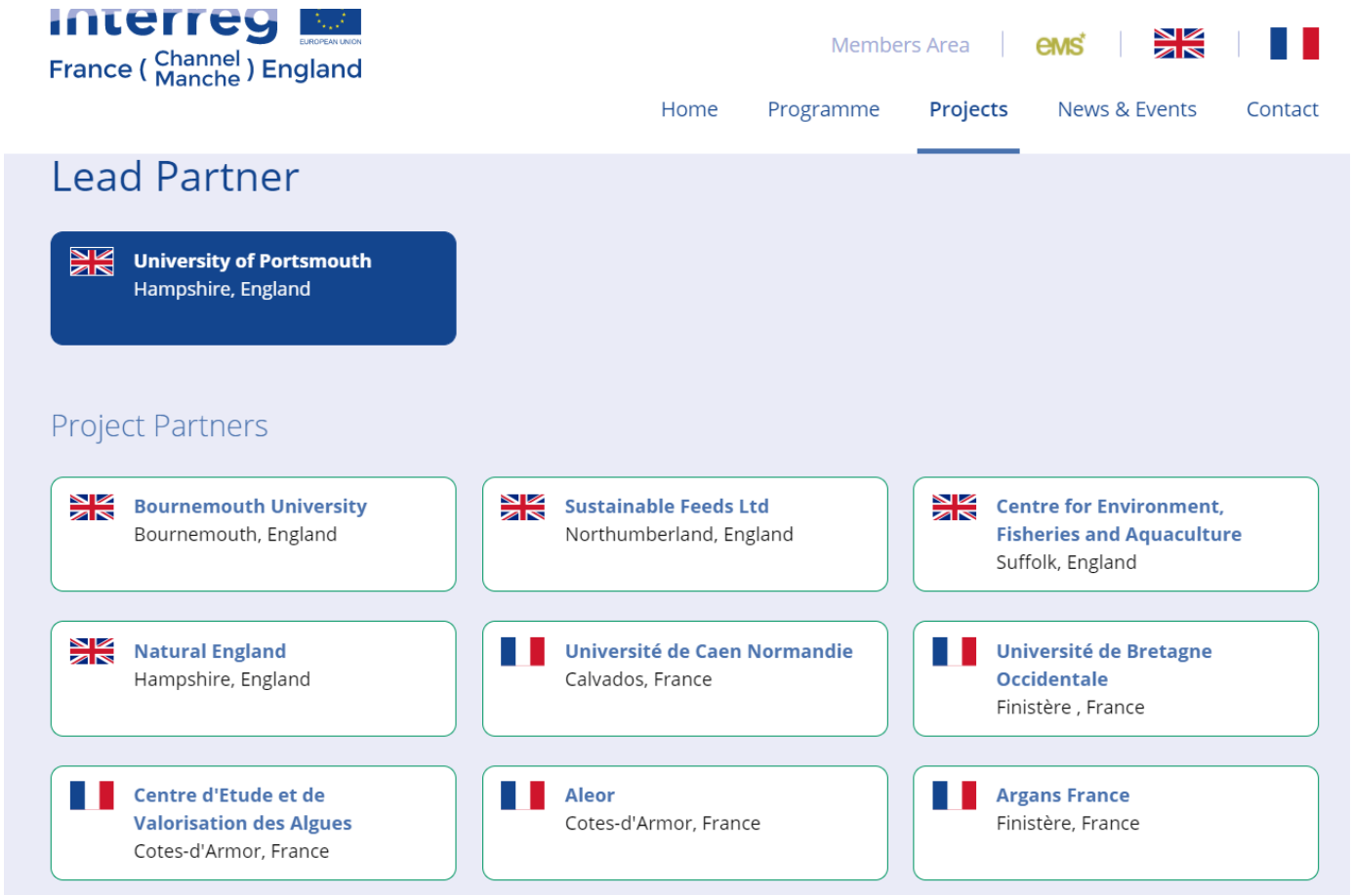
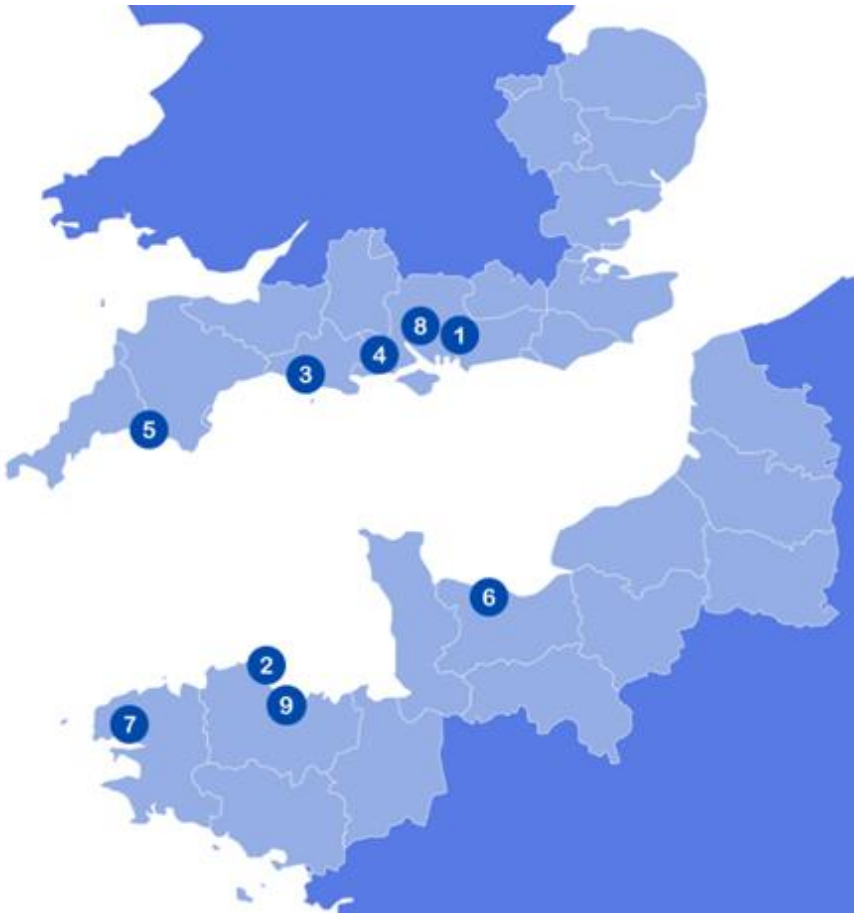
Who are involve



- NE Budget (total for 5yrs Euro 231,901.45)
- FTE (1.4) agreed
- Regulatory assessment
- Technical and non-technical communication
  - Website /newsletters/poster/twitter
- Stakeholders engagement

Study locations

1. UoP
2. CEVA
3. CEFAS
4. BU
5. ARGANS
6. UCN
7. UBO
8. NE
9. Aleor



<u>England</u>

- Holes Bay (Poole Harbour);
- Langstone Harbour (Solent);

<u>France</u>

- Ledano Mudflat /Trieux estuary (Côtes d'Armor);
- Baie des Veys / Orne Estuary (Calvados).

Work Packages and Outputs

1. Novel boat algal mat removal method 4000t/yr.
2. Novel marine worms (30t/yr.) converted to aquaculture feed
3. Seaweed culture (25t/hectare)
4. Oyster culture (>400t/hectare)
5. Biochemical extracts
6. End User toolkit (Interactive Maps)

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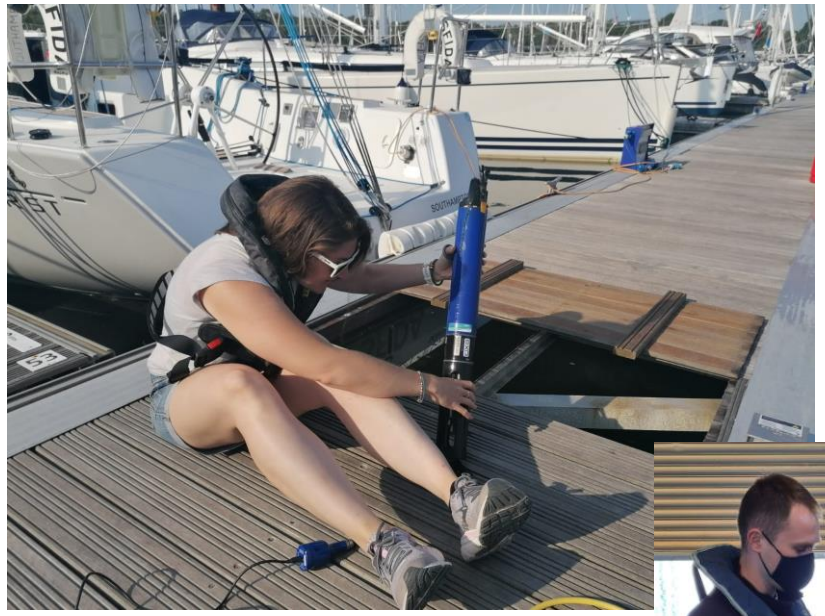
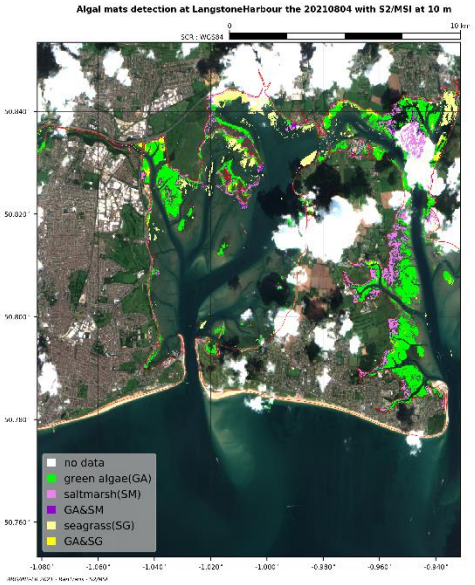
2021 Work continues …





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For further information

- https://rantransproject.com/
- https://www.channelmanche.com/en/projects/approved-projects/rapid-reduction-of-nutrients-in-transitional-waters/
- Twitter - https://twitter.com/projectrantrans?lang=en-gb
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- http://www.solentforum.org/networking/meeting/GordonWatson.pdf