

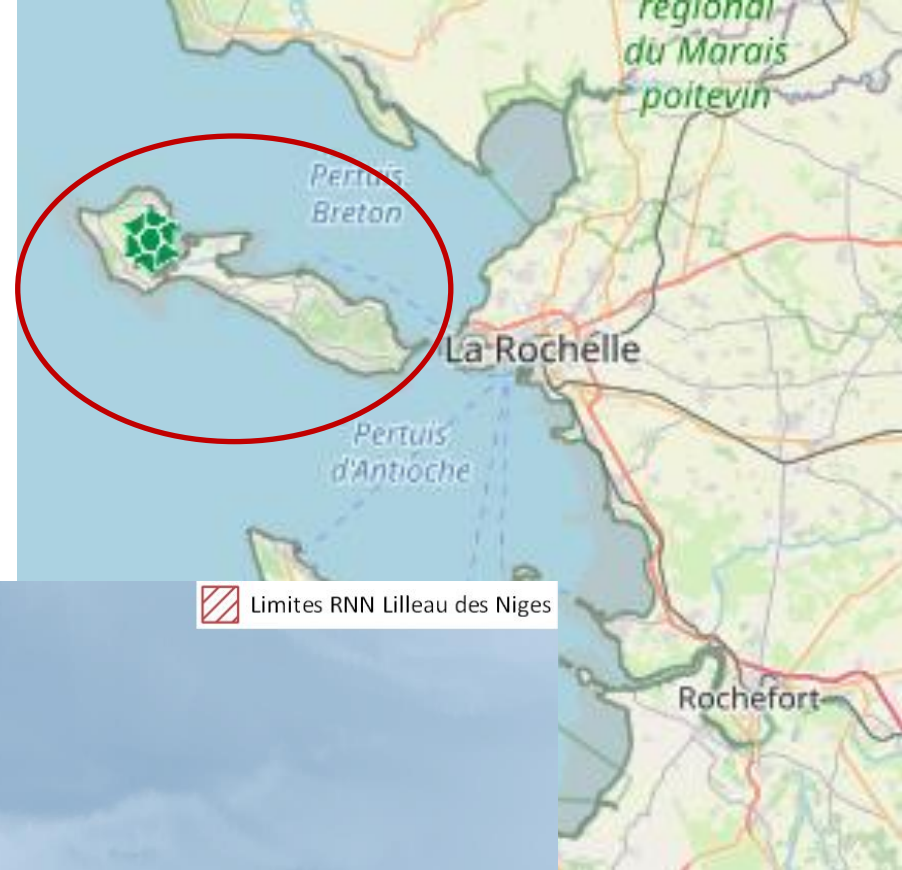
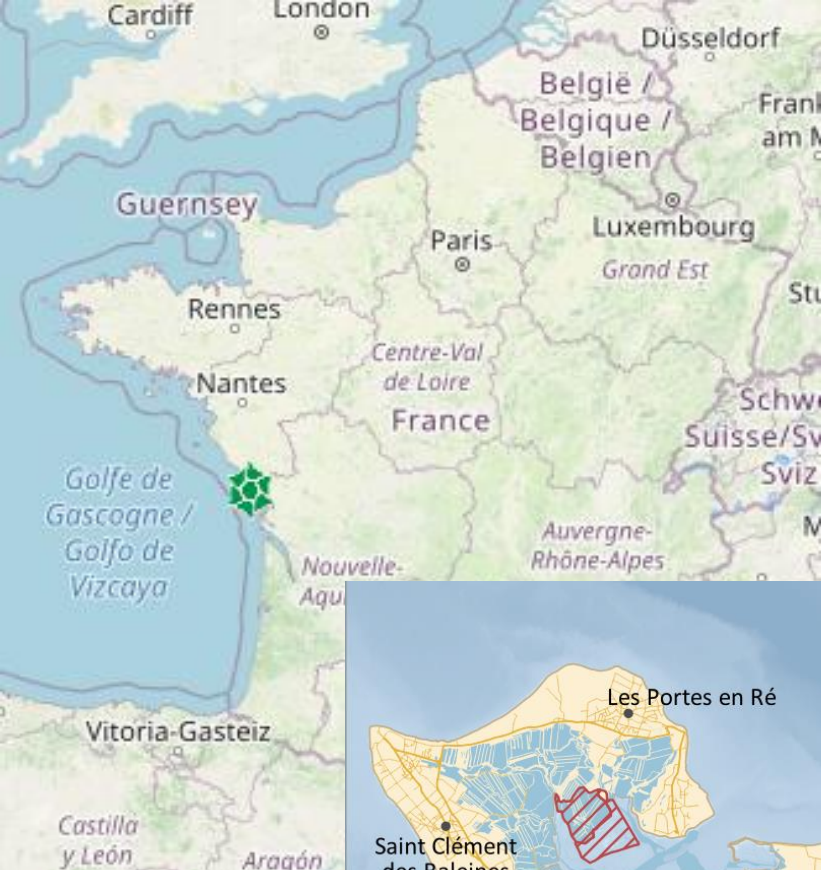
" NaturAdapt, the necessary adaptation."



Europarc Climate Change Workshop

Key learnings – Natur'Adapt project

Emilien BASTIAN - LPO




**Réserve Naturelle
LILLEAU DES NIGES**



Réalisation : LPO 2019
Sources : IGN BDTopo



“Make decisions today to prepare the future, in a context of uncertainty”



What is uncertain for us ?



Terrestrial area

Polder

Which future for the site in climate change context ?



Short term because of an extreme natural event
Medium - long term (≈ 2050) because of the sea level rise, only

OUR UNCERTAINTY



WHAT TO DO ?

Current situation



« *Maintenance of dikes* »
scenario

Biodiversity =

Ecological function =



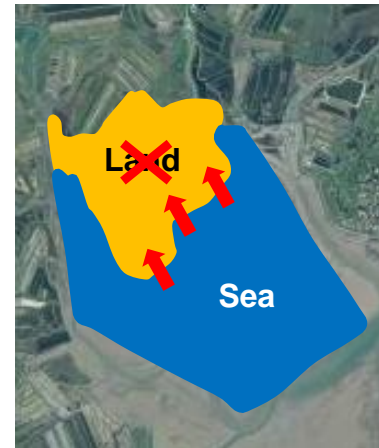
Expected situation



« *Flooding* »
scenario

Biodiversity =

Ecological function =



Salt marshes
surface



Prepare the future of the site



« Flooding » SCENARIO



RELOCATION

Dismantling fences

