

Interreg
Sudoe



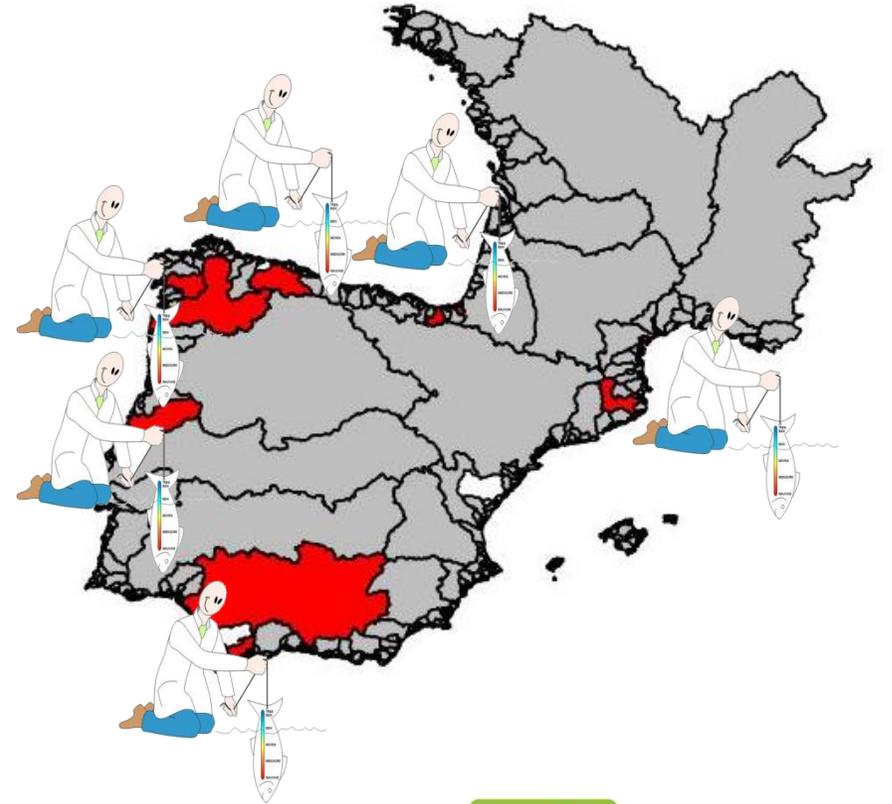
Progress in the
estimation of
recruitment (GT3)

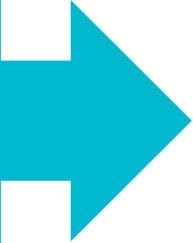
Hilaire DROUINEAU
Irstea



Objectives

- Tool to estimate recruitment at 3 spatial scales
- With GT6: recruitment in pilot basins





Objectives

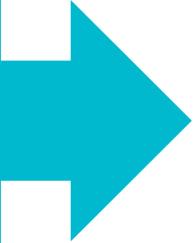
- Tool to estimate recruitment at 3 spatial scales
- With GT6: recruitment in pilot basins
- With GT5: web interactive

INTERACTIVE
WEB APP (Shiny)
- GT5 -



**Spatialised
indicators**



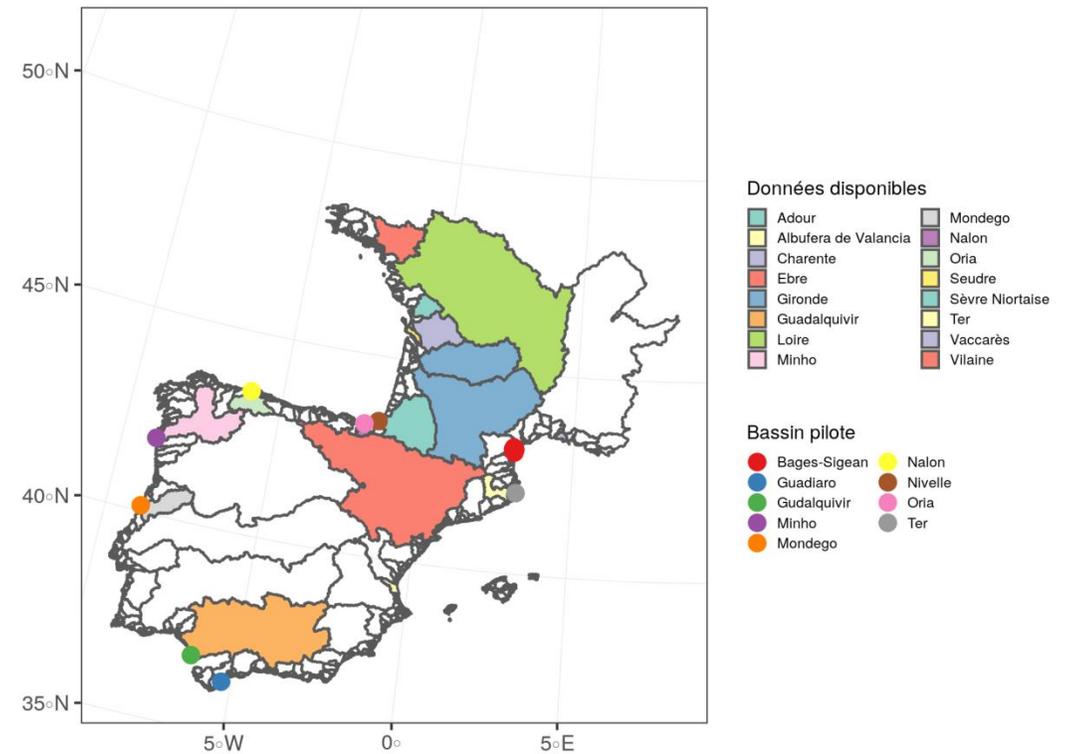


Main products

- Application of the model GEREM
 - Already applied to France (2016) and most Europe (2018)
 - Contribution to
 - Specific objective: “provide common tools and methods to managers to improve conservation of the eel population”
 - SUDOE objective: “improve cooperation of managers of the SUDOE area”
- Will be included in the interactive web site

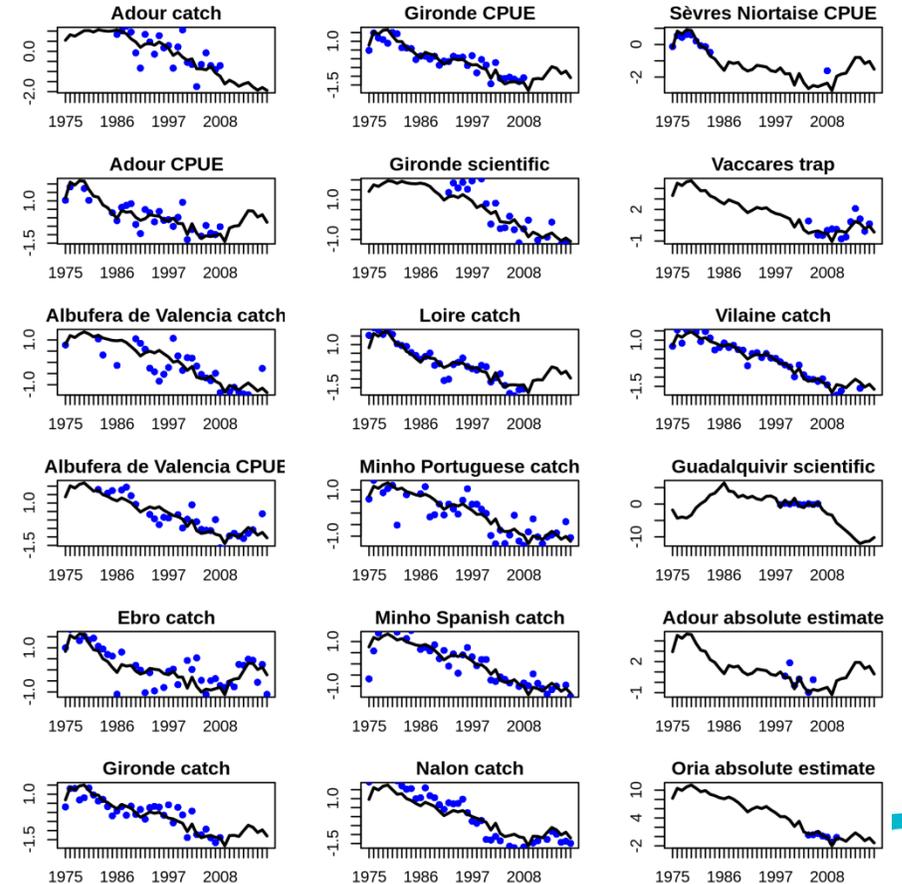
WHAT HAVE WE DONE SO FAR?

- Collecting available data on recruitment
 - Spatial and temporal resolution



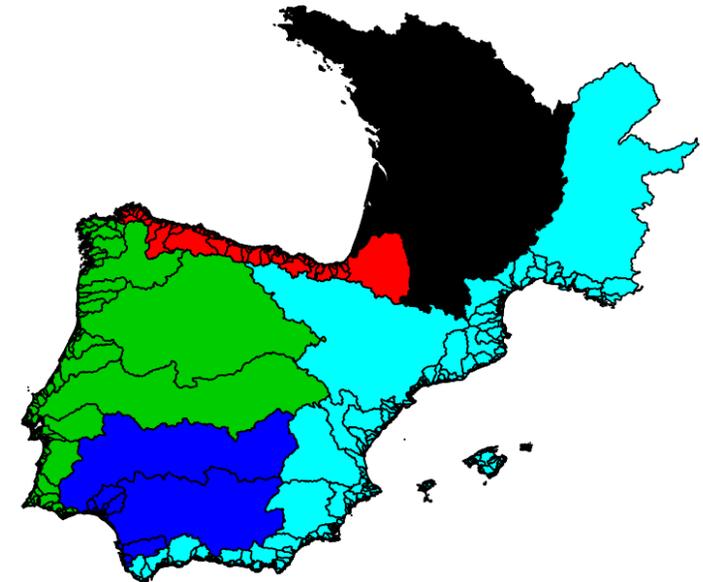
WHAT HAVE WE DONE SO FAR?

- Collecting available data on recruitment
 - Spatial and temporal resolution
 - Analysis of trends DFA



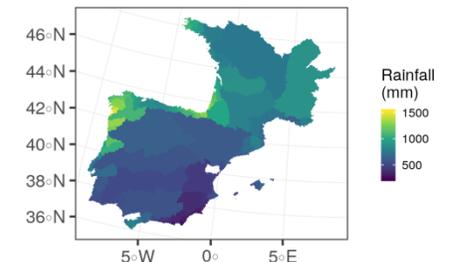
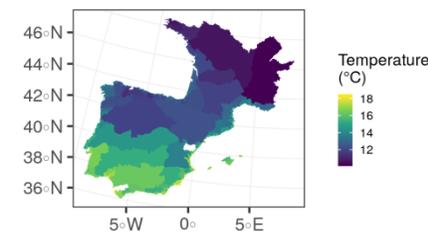
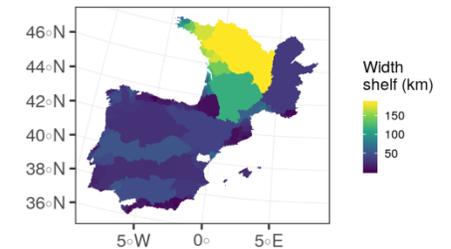
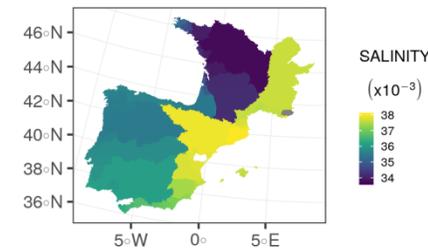
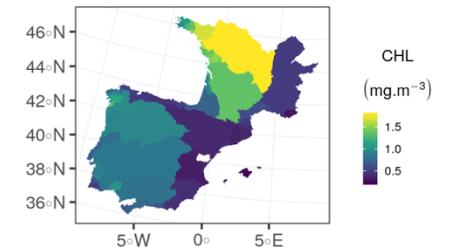
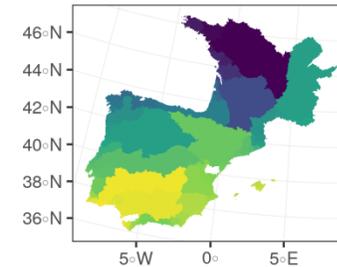
WHAT HAVE WE DONE SO FAR?

- Collecting available data on recruitment
 - Spatial and temporal resolution
 - Analysis of trends DFA
 - Deliverable E3.1.1
- Zone definition
 - Questionnaires during KoM



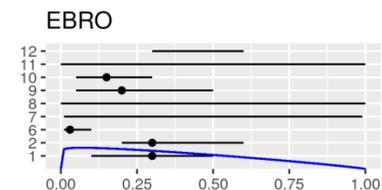
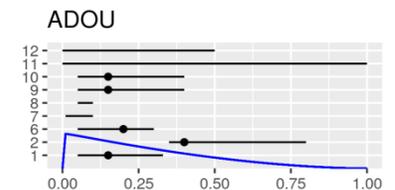
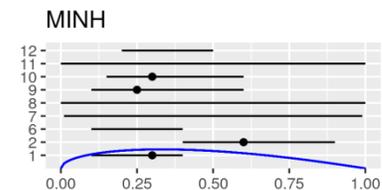
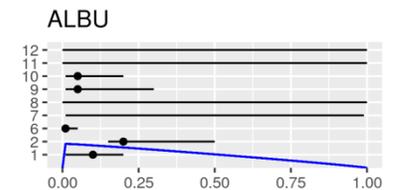
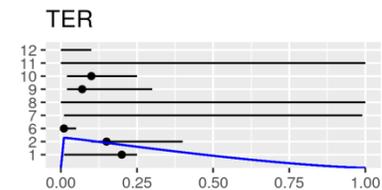
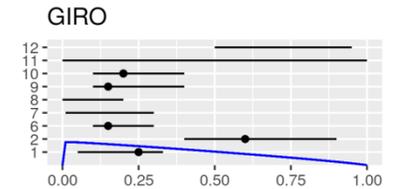
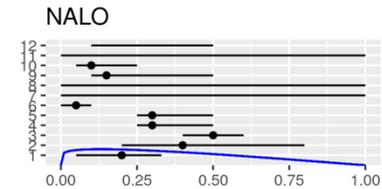
WHAT HAVE WE DONE SO FAR?

- Collecting available data on recruitment
 - Spatial and temporal resolution
 - Analysis of trends DFA
 - Deliverable E3.1.1
- Zone definition
 - Questionnaires during KoM
 - Exploration of environmental data (basins + coastal)



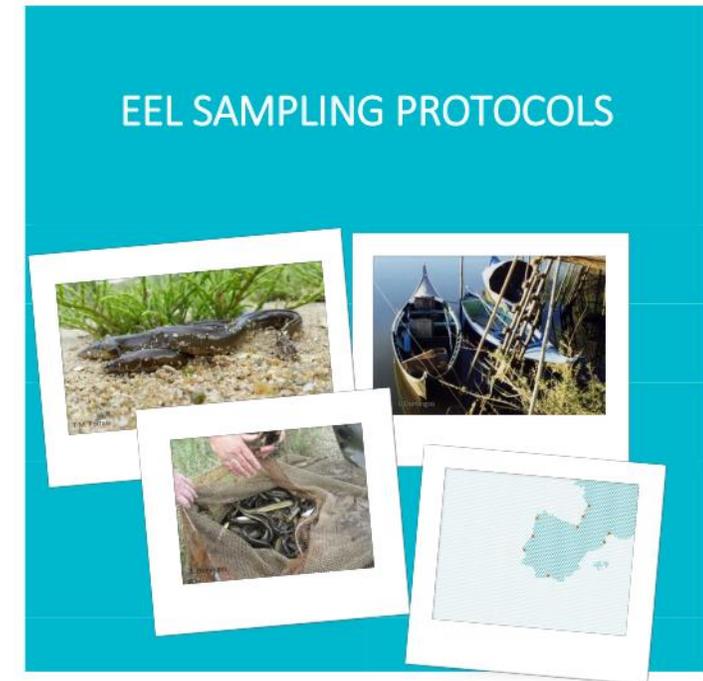
WHAT HAVE WE DONE SO FAR?

- Do we guess something about exploitation rate?
 - Questionnaire in La Coruna
 - Online questionnaire to all partners



WHAT HAVE WE DONE SO FAR?

- Do we guess something about exploitation rate?
 - Questionnaire in La Coruna
 - Online questionnaire to all partners
- GT6: protocol in pilot basins
 - Standardized protocol
 - Estimating densities of glass eels

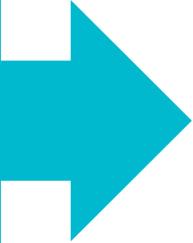


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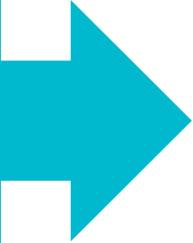
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PLAN FOR FUTURE WORK

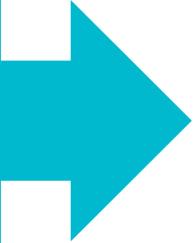
- Estimating absolute recruitment where possible
 - Update in Oria
 - Still to be done Minho and Ter

Aranburu et al. 2016



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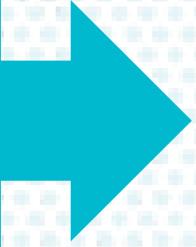
- Estimating absolute recruitment where possible
 - Update in Oria
 - Still to be done Minho and Ter
- Finalizing analyses of questionnaire on exploitation rate
- Running GEREM



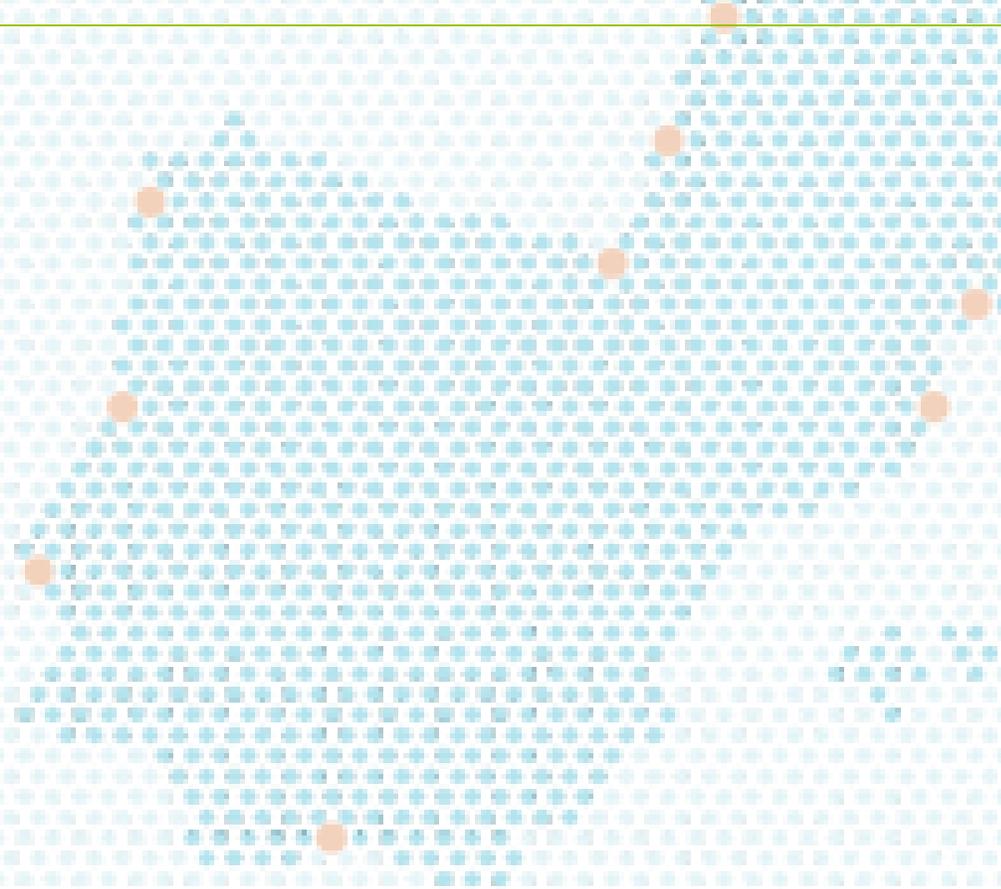
PLAN FOR FUTURE WORK

- Validation of results
 - Comparison with expert knowledge
 - Comparison with EDA
- Hiring a temporary personal
- Selecting more relevant indicators
 - Workshop in autumn
- Transferring results

~~I AM LATE!!!!~~
ON TIME!



QUESTIONS AND COMMENTS



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www.sudoang.eu