

Interreg
Sudoe

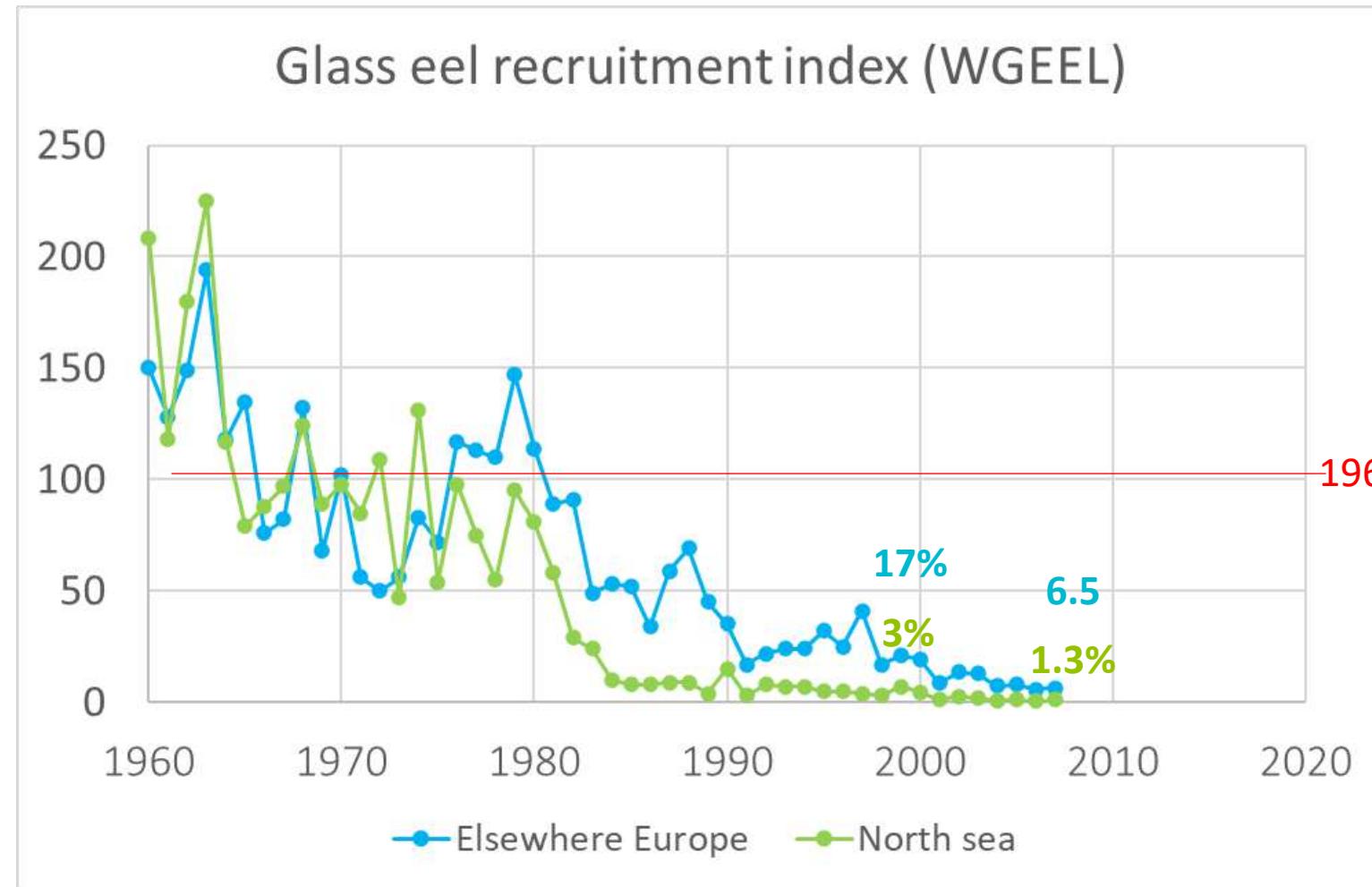
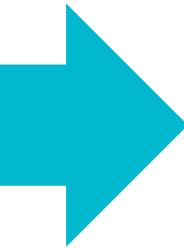


SUDOANG: Challenges in the management and  conservation of the European eel.

PhD. Estibaliz Díaz

MEMBER OF
BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

European eel decline

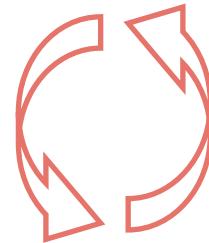
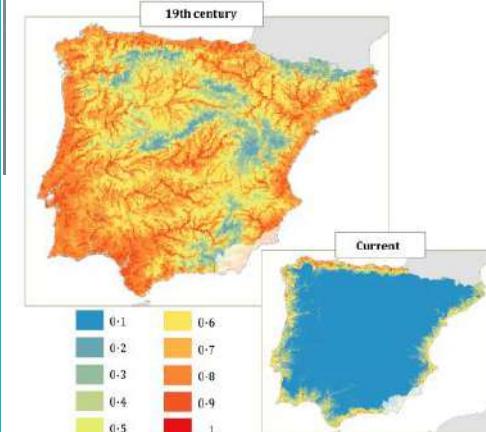


Eel management Plan

Council Regulation (EC) No 1100/2007 of 18 September 2007 establishing measures for the recovery of the stock of European eel

Objective for all the Member States

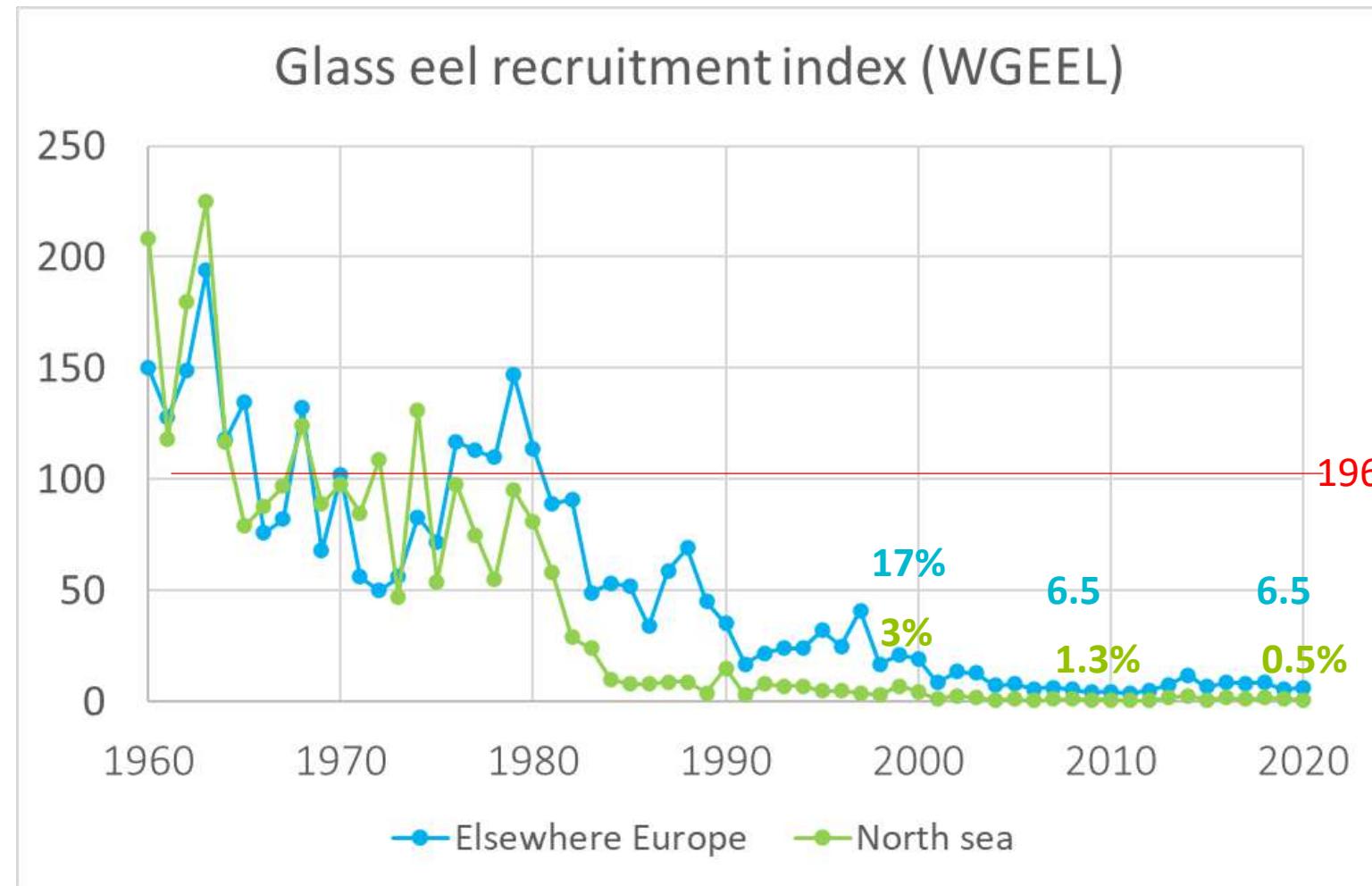
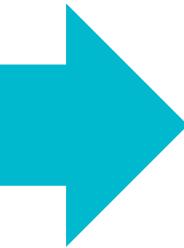
- 40% of pristine escapement



National, regional, local:

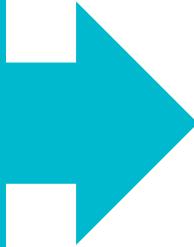
- Implementation of management measures
- Sampling and report

European eel decline

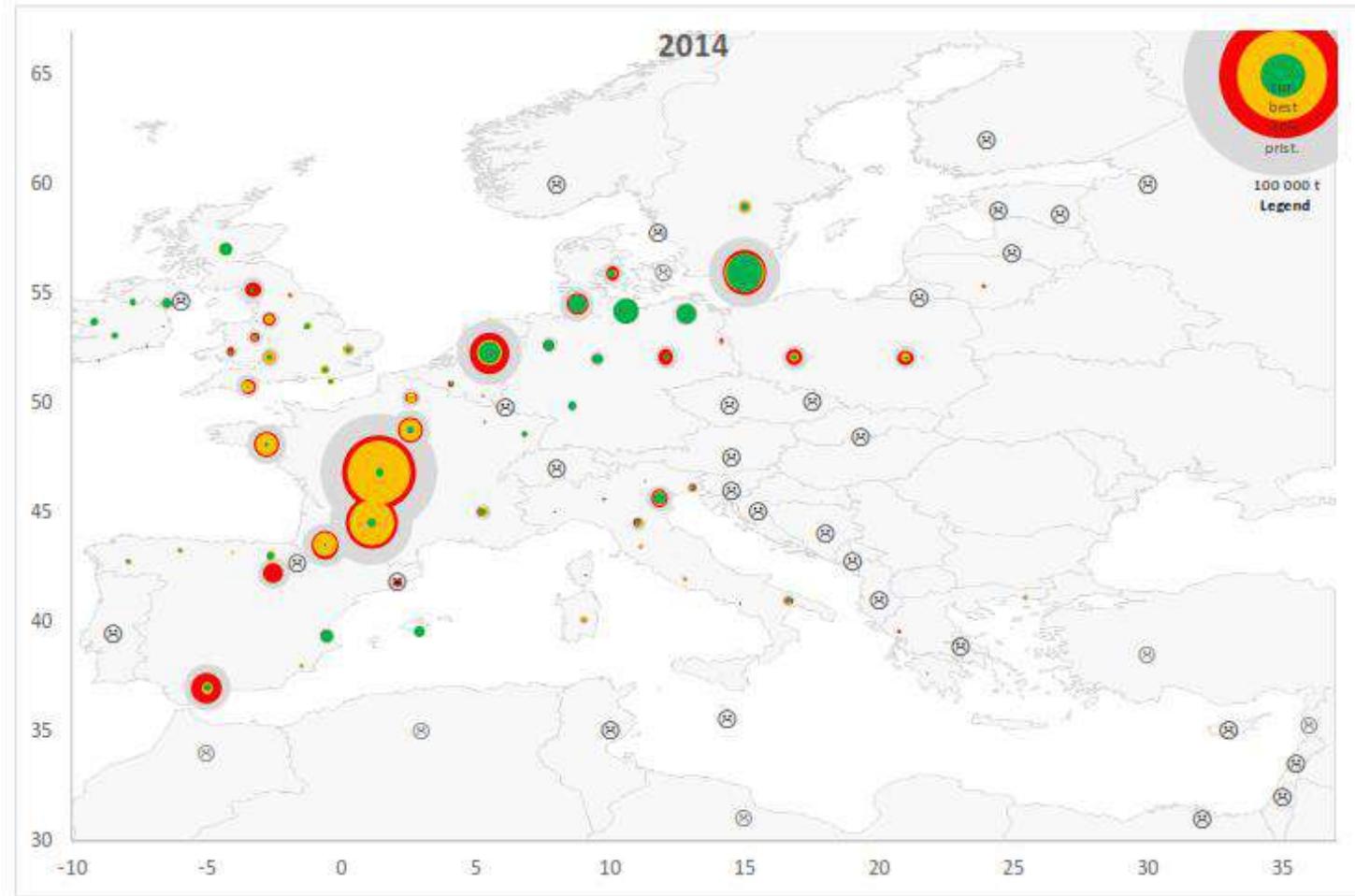




What could we do to
improve the EMP
implementation?



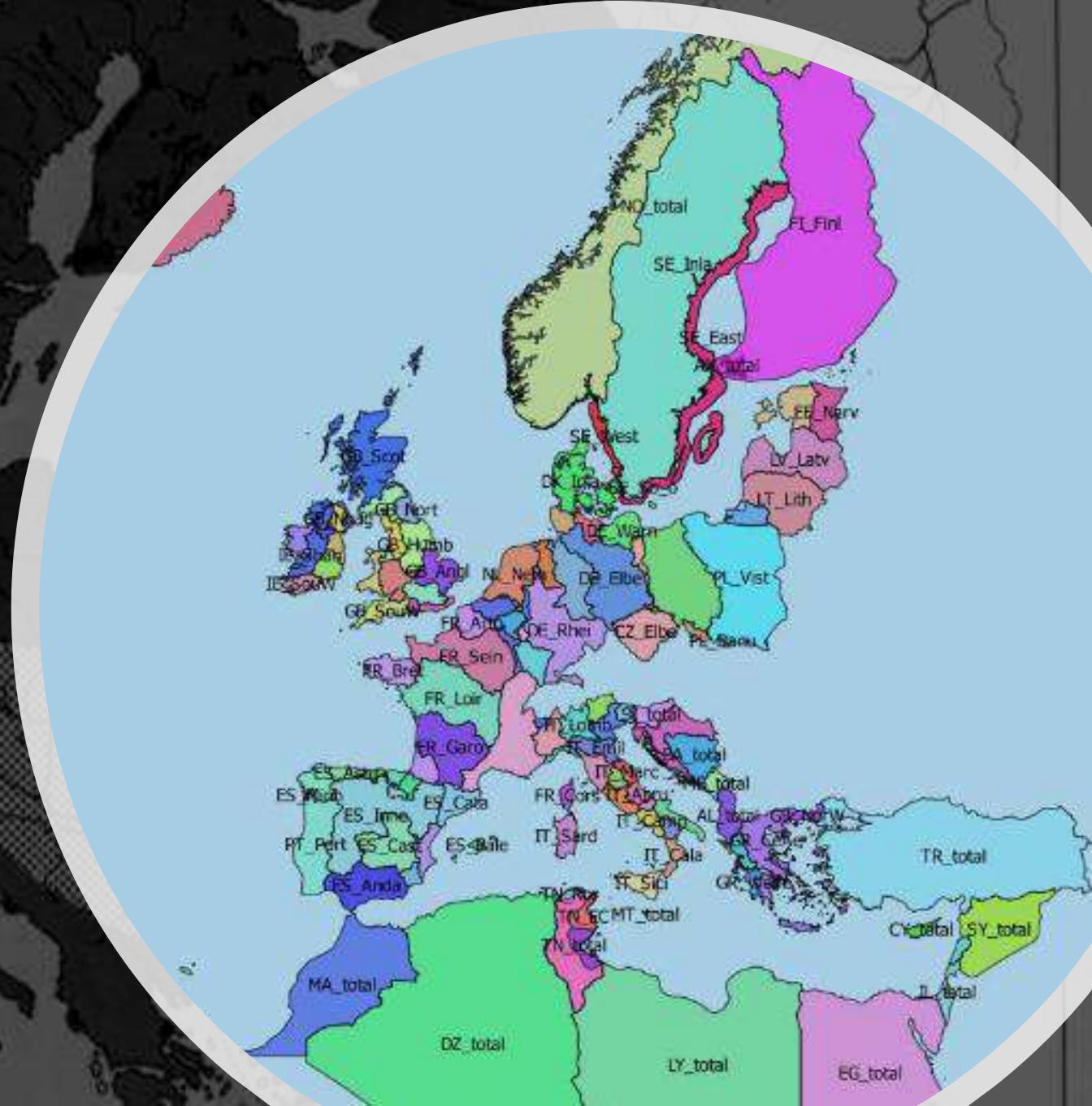
Problem: Current stock assessment methods

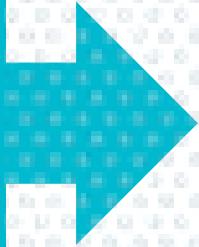


ICES. 2016. Report of the Joint EIFAAC/ICES/GFCM Working Group on Eel

“Data and knowledge gaps and variability in data collection formats and level of detail and coverage restrict the value of international population assessment”.

European eel management





Why do we need SUDOANG?

GENERAL OBJECTIVE

Provide tools and joint methods that support the conservation of the European eel and its habitat to managers in the SUDOE area.

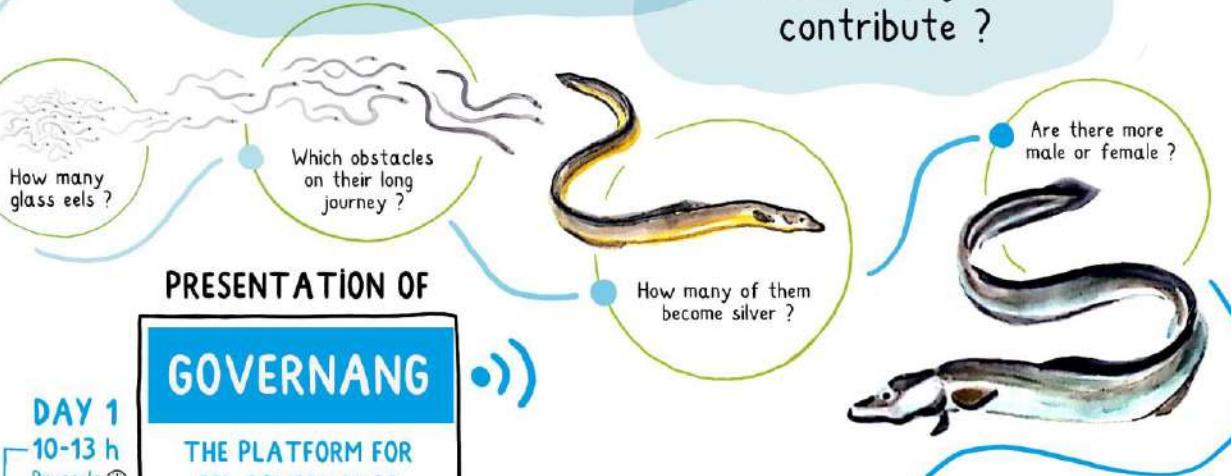
SUDOANG MEETING

Interreg Sudoe
European Regional Development Fund



How will the different stakeholders work TOGETHER to recover the eel population ?

How can you contribute ?



PRESENTATION OF

GOVERNANG

THE PLATFORM FOR
EEL GOVERNANCE

DAY 1
10-13 h
Brussels



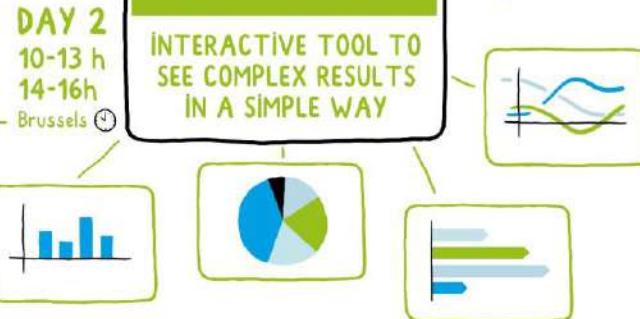
31
MAY

01
JUNE
2021

Save the date
and register before
Monday May 24th on the registration form

VISUANG

INTERACTIVE TOOL TO
SEE COMPLEX RESULTS
IN A SIMPLE WAY



Register: www.sudoang.eu



ediaz@azti.es

Problem: lack of joint assessment methods

Objective: Provide joint assessment methods

01
JUNE
2021

DAY 2
10-13 h 14-16h
Brussels



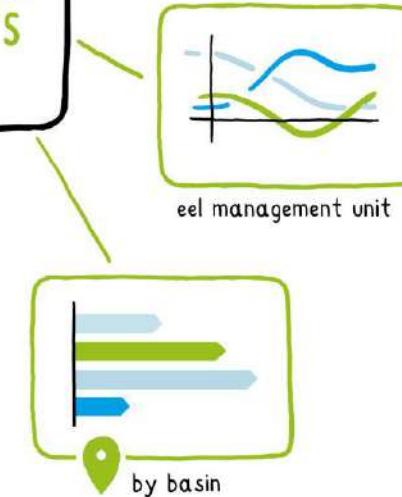
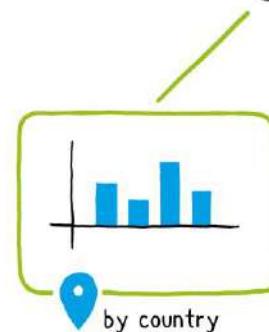
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PRESENTATION OF

VISUANG

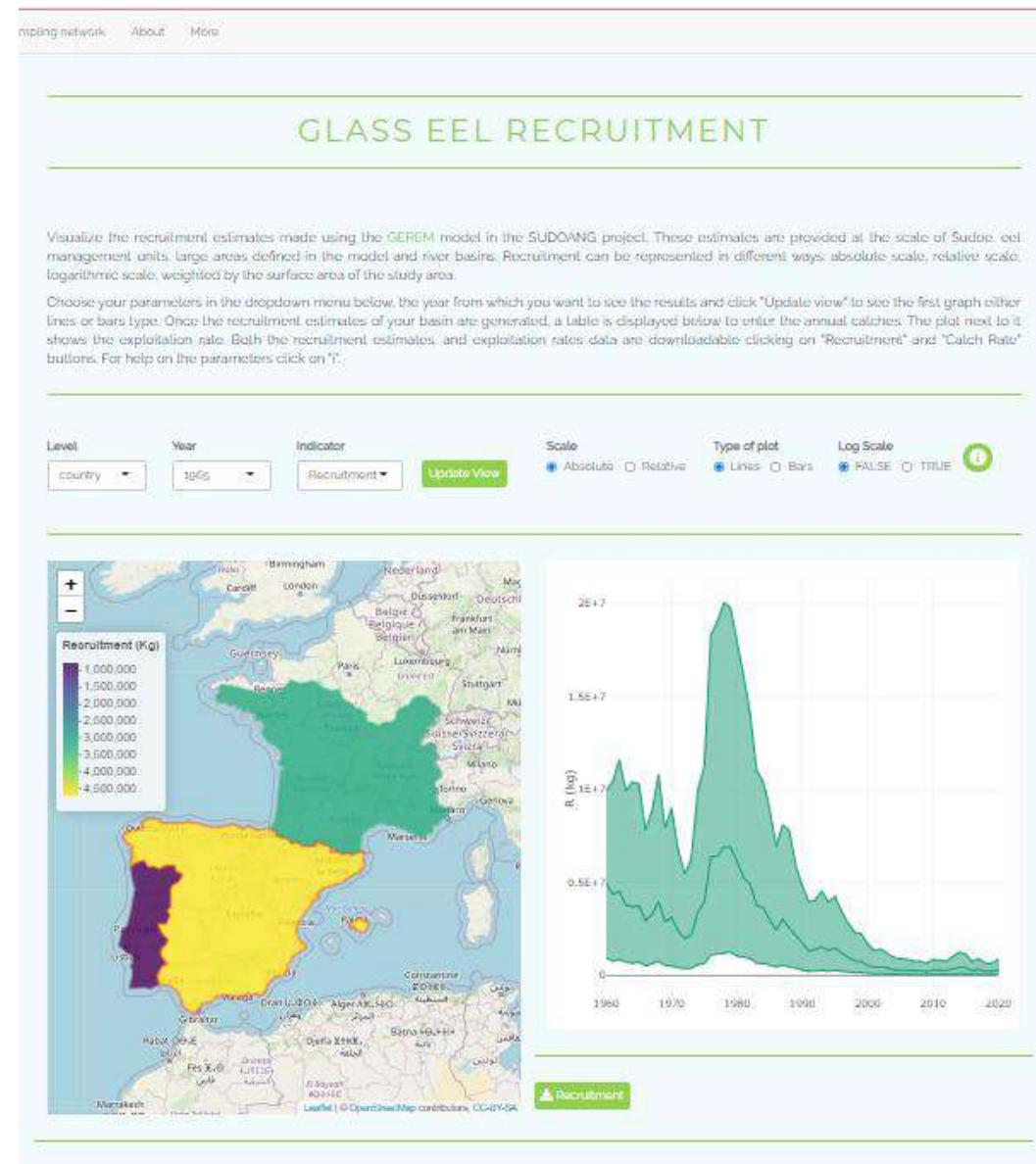
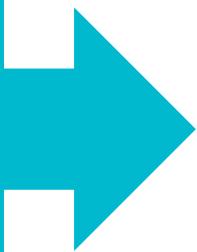
INTERACTIVE TOOL TO
SEE COMPLEX RESULTS
IN A SIMPLE WAY



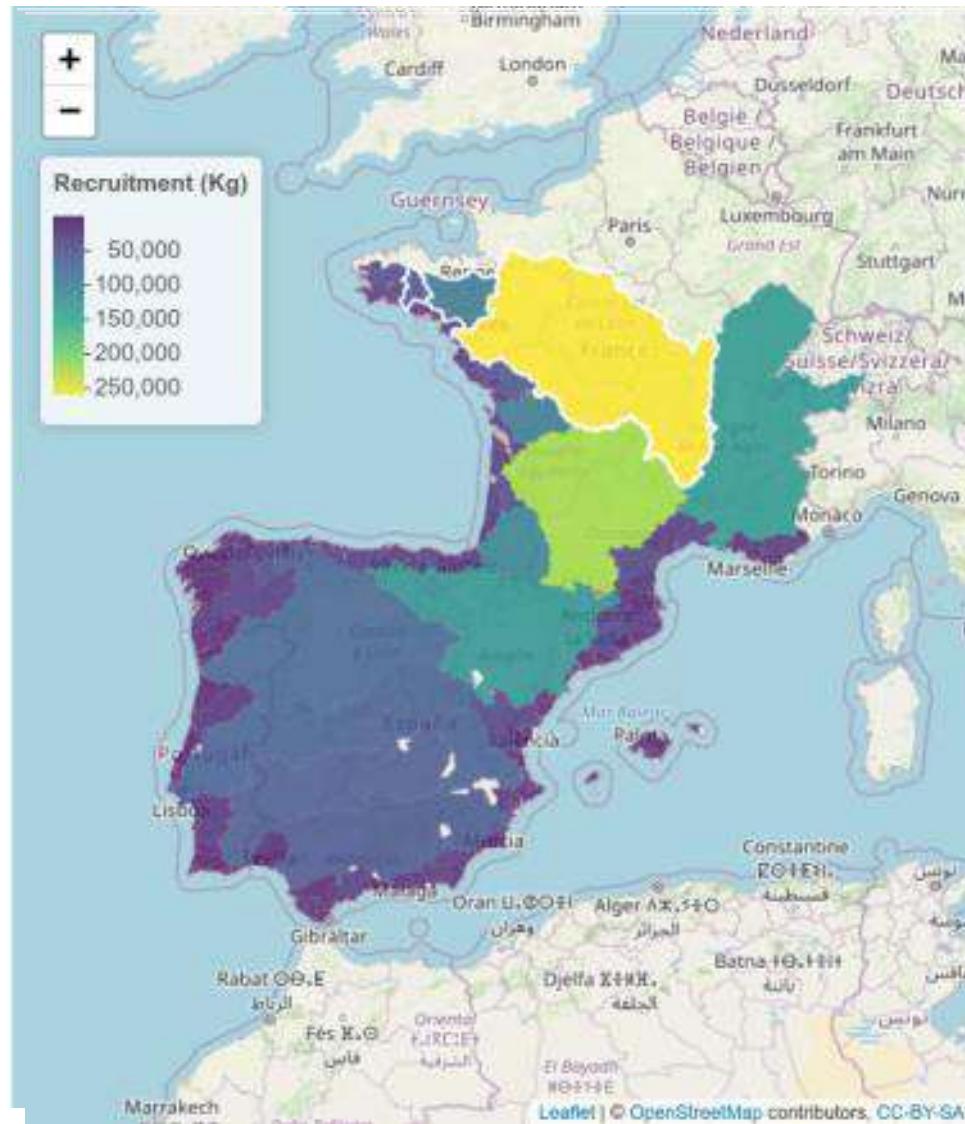
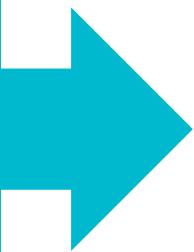
eel management unit

SUDOANG

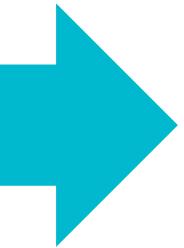
Problem: lack of joint assessment methods



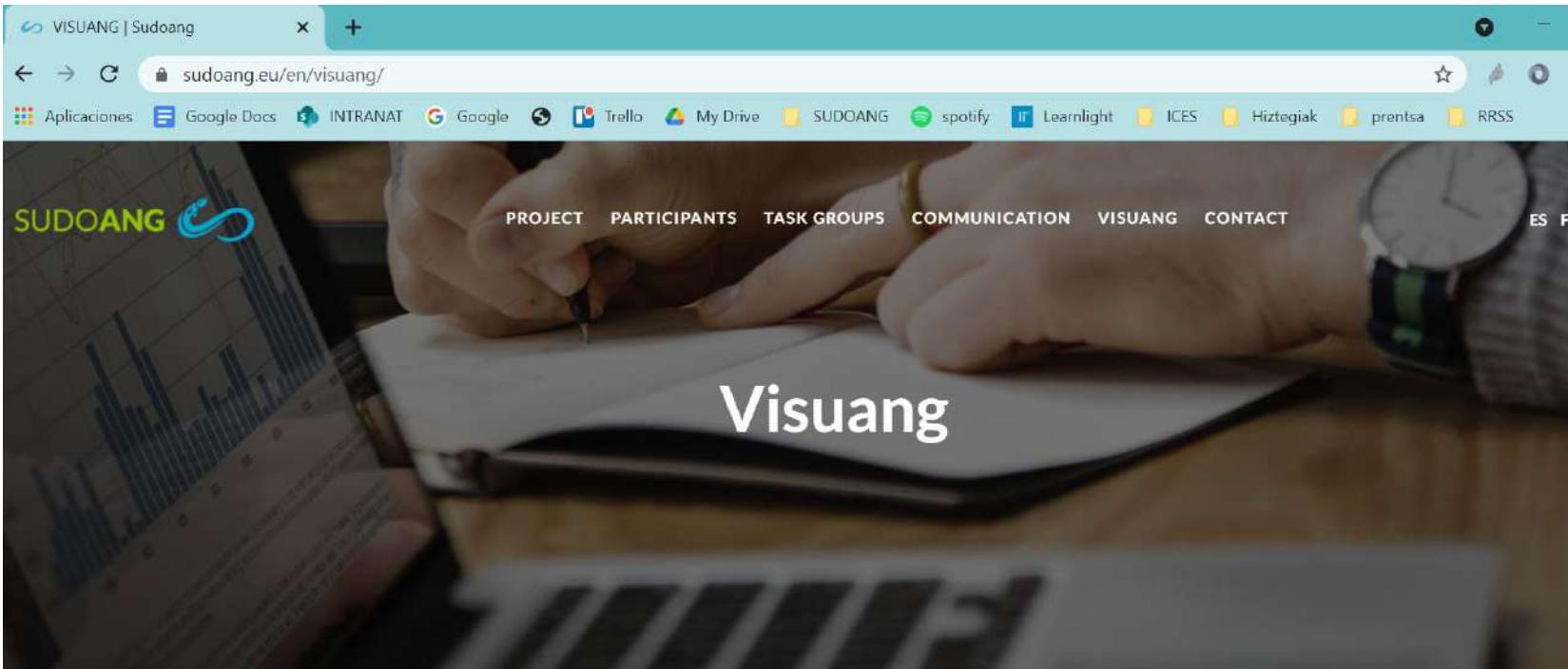
Problem: lack of joint assessment methods



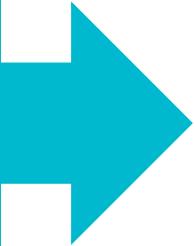
Problem: lack of joint assessment methods



www.sudoang.eu/en/visuang



Our interactive tool

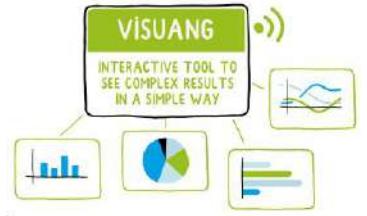


Imagine that all **publicly** funded software were under a free license: **Everybody** would be able to use, study, share and improve it.

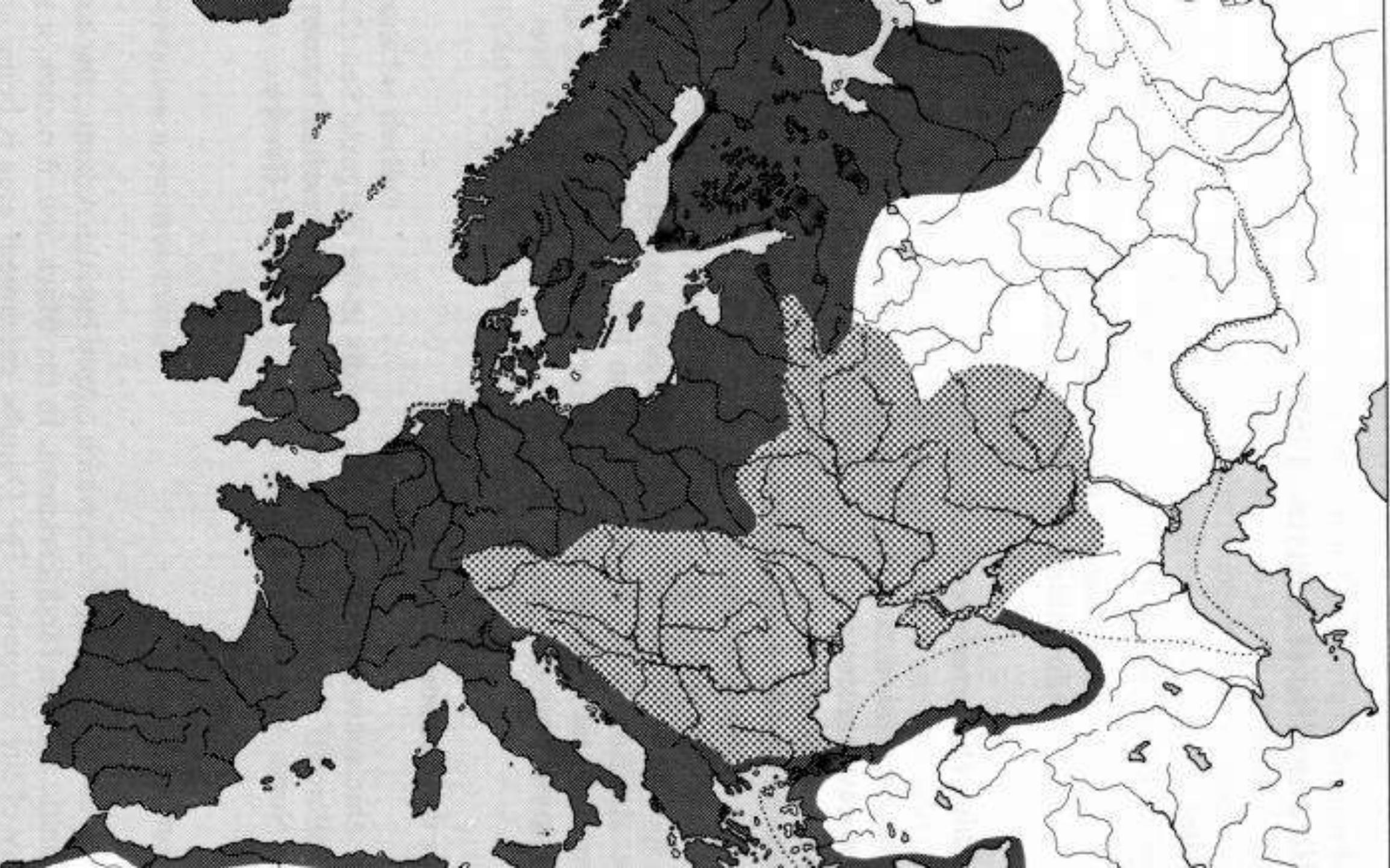
publiccode.eu



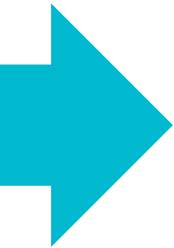
Public Money
Public Code







Problem: gap of knowledge

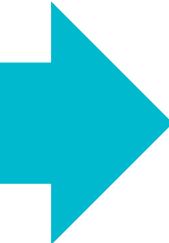


Eel sampling network

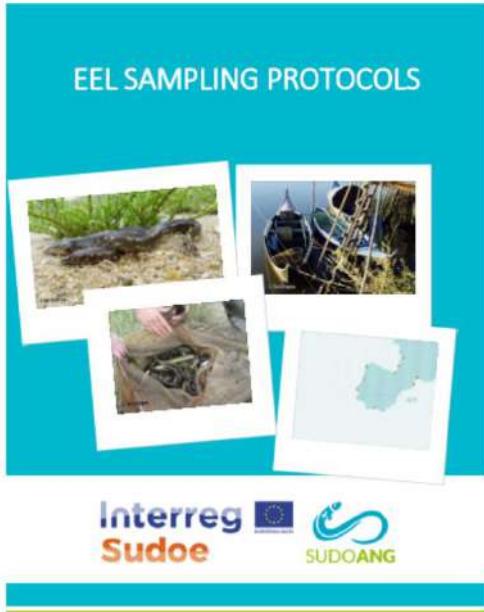


Figure 5. Location of the 10 pilot basins, included in the SUDOANG eel sampling network (a), and some methodologies used to sample glass eels (b) and yellow and silver eels (c).

Problem: gap of knowledge



Eel sampling network



1. **PROTOCOL FOR YELLOW AND SILVER EEL SAMPLING IN RIVERS**
2. **PROTOCOL TO ESTIMATE GLASS EEL RECRUITMENT**
3. **PROTOCOL FOR OTOLITH PREPARATION AND AGE READING**
4. **PROTOCOL TO ASSESS THE INFECTION BY ANGUILICOLA CRASSUS AND THE SWIMBLADDER DEGENERATIVE INDEX (SDI)**
5. **PROTOCOL TO SAMPLE GONADS FOR SEX RATIO ASSESSMENT**



31
MAY

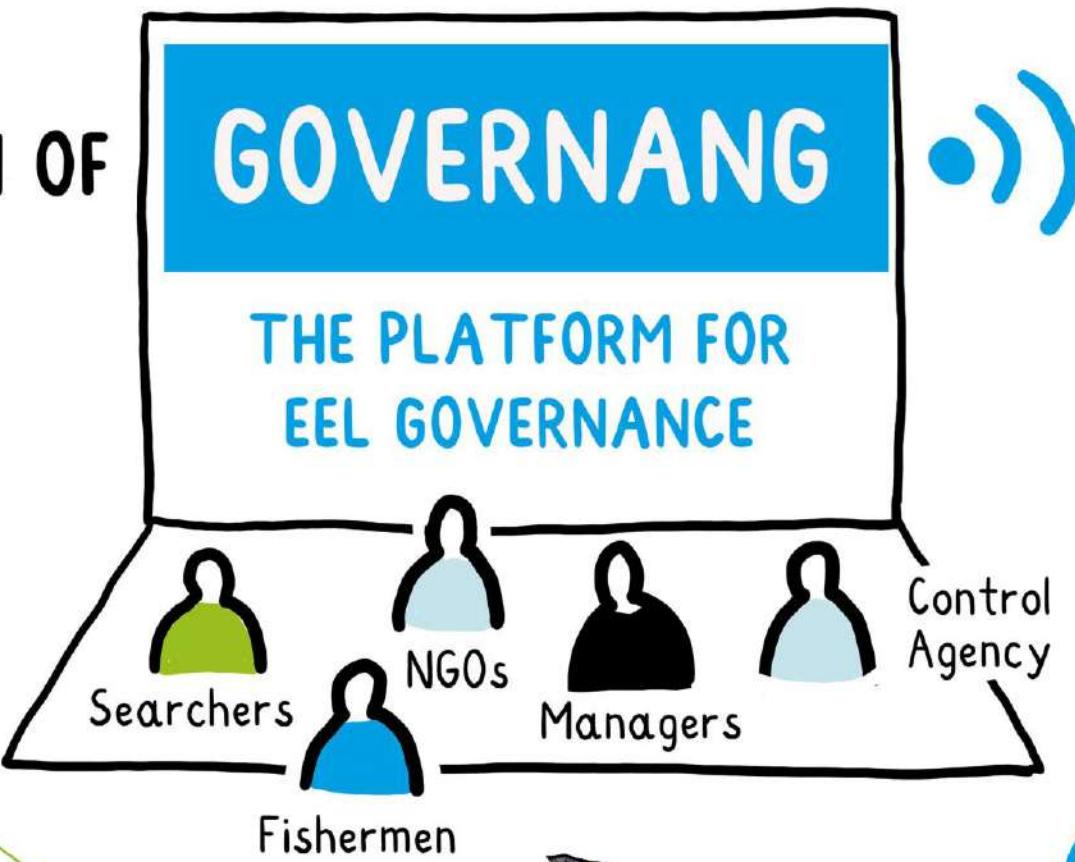
DAY 1
10-13 h
Brussels



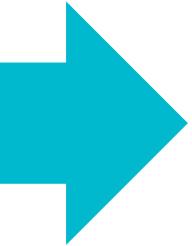
Interreg Sudoe
EUROPEAN UNION
European Regional Development Fund



PRESENTATION OF



Are there more male or female?



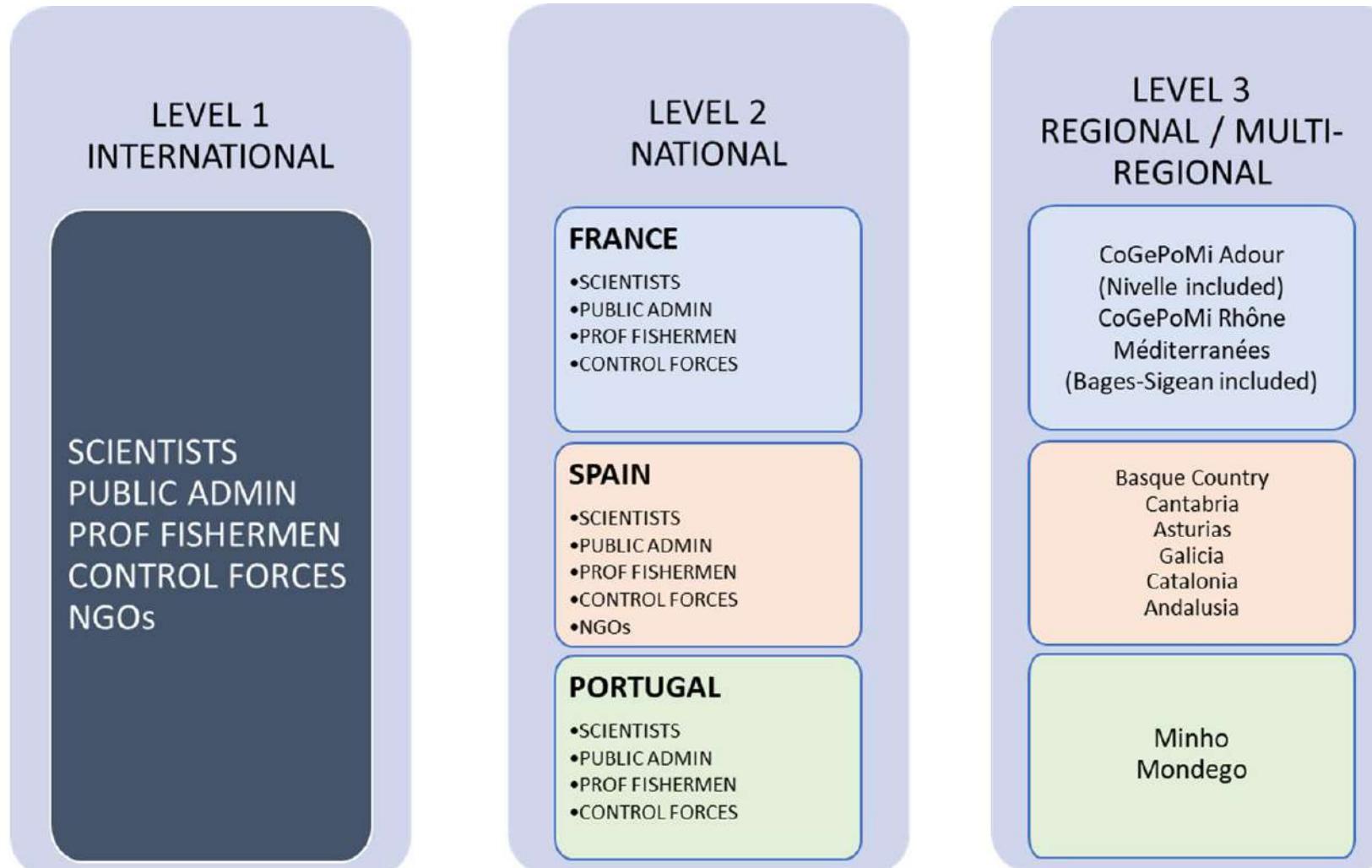
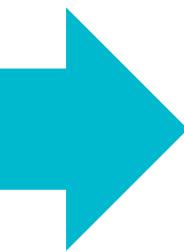
Objectives



- ✓ Be recognized as an **advisory group**
- ✓ To raise awareness of the eel's vulnerable status
- ✓ Contribute to eel sustainability



Structure



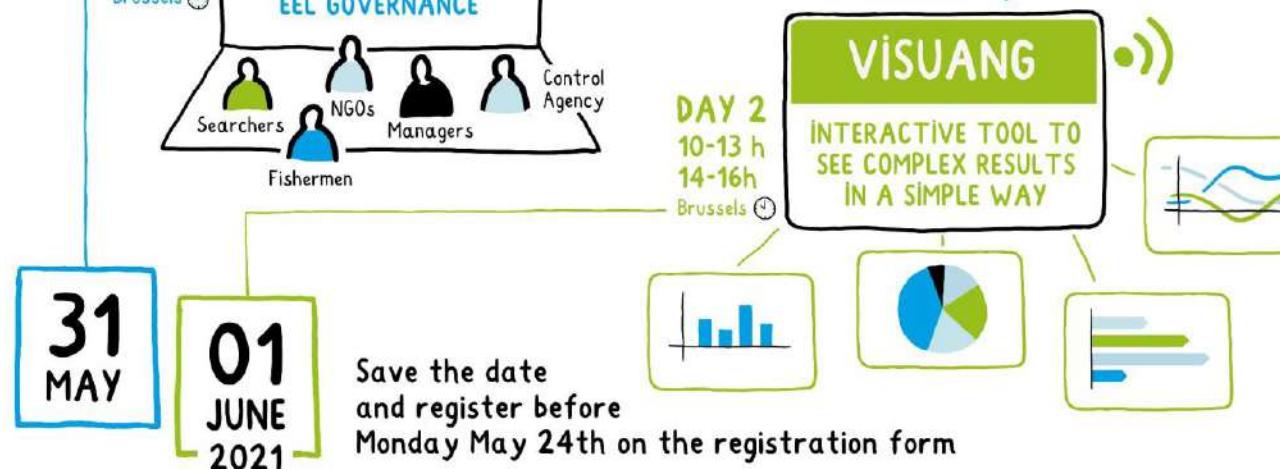
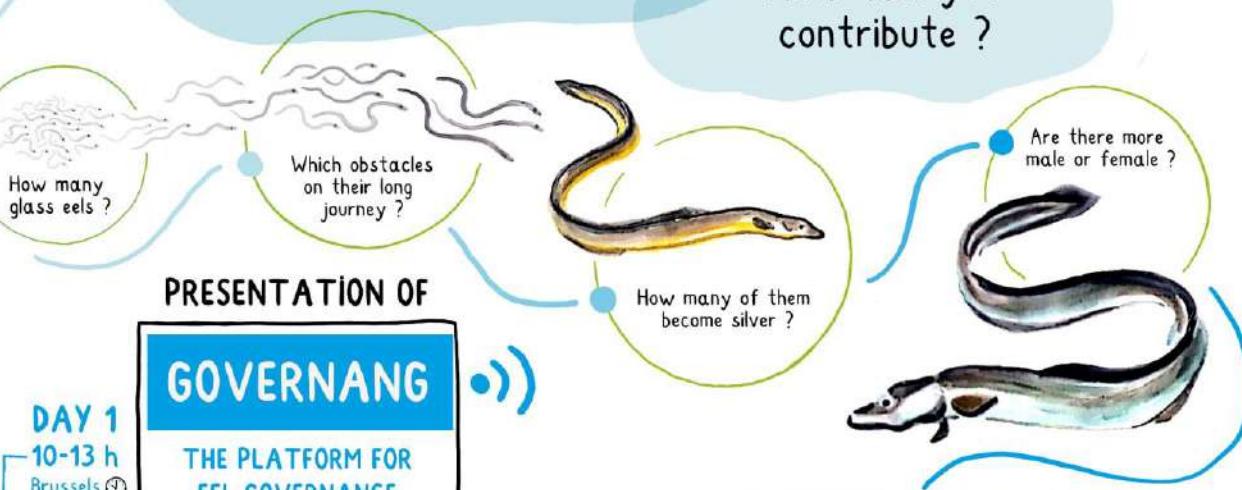


SUDOANG MEETING



How will the different stakeholders work TOGETHER to recover the eel population ?

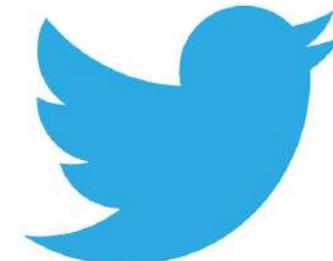
How can you contribute ?



Register: www.sudoang.eu



ediaz@azti.es



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@Sudoe5