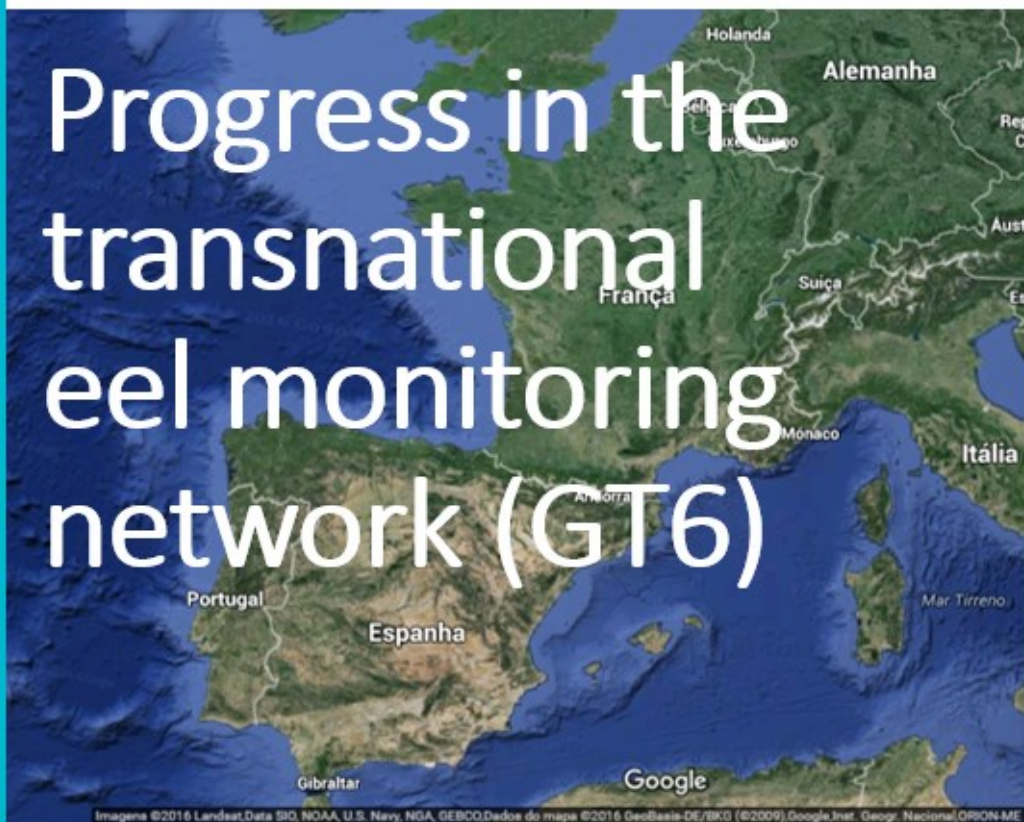


# Interreg Sudoe



Isabel Domingos  
MARE/FCUL



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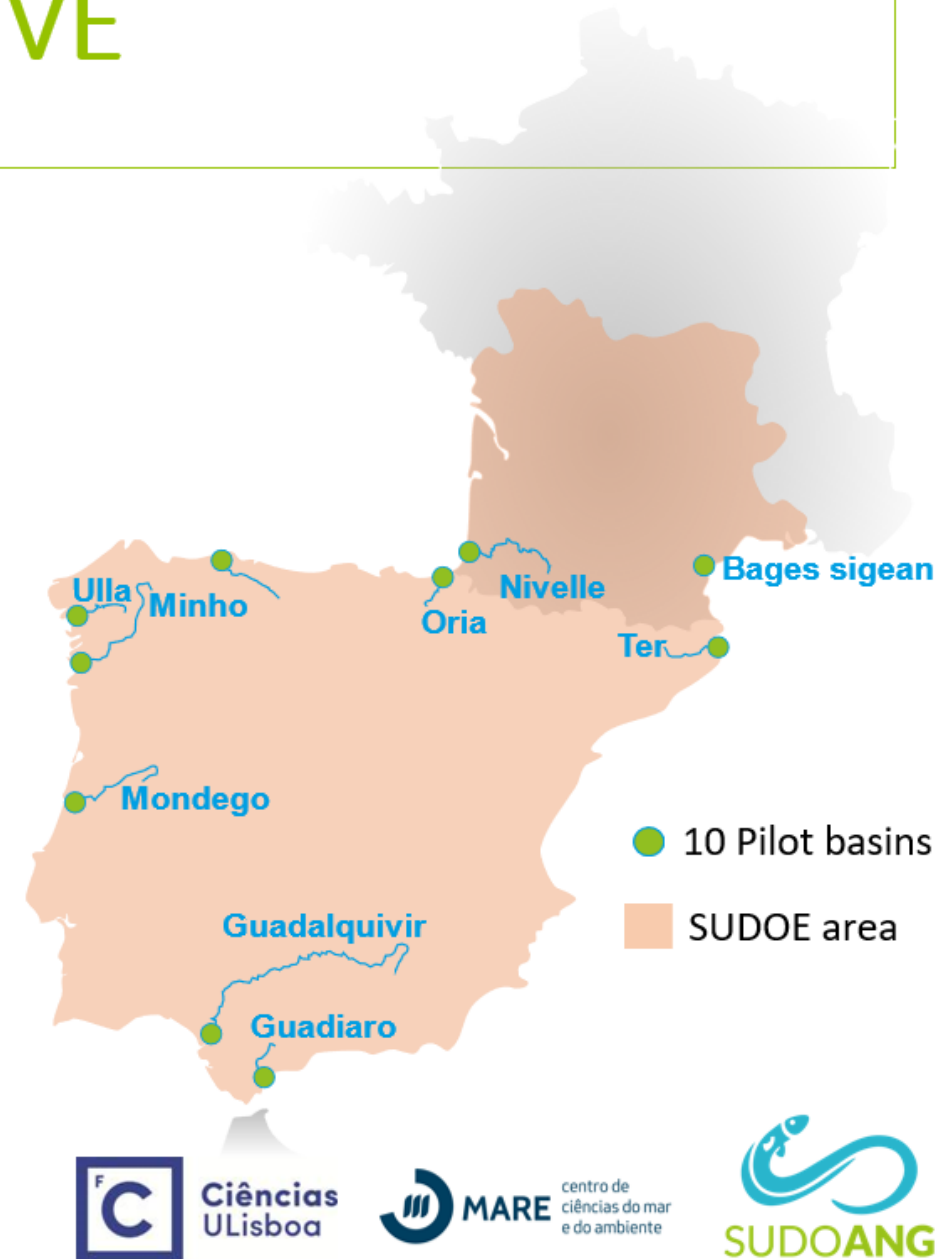


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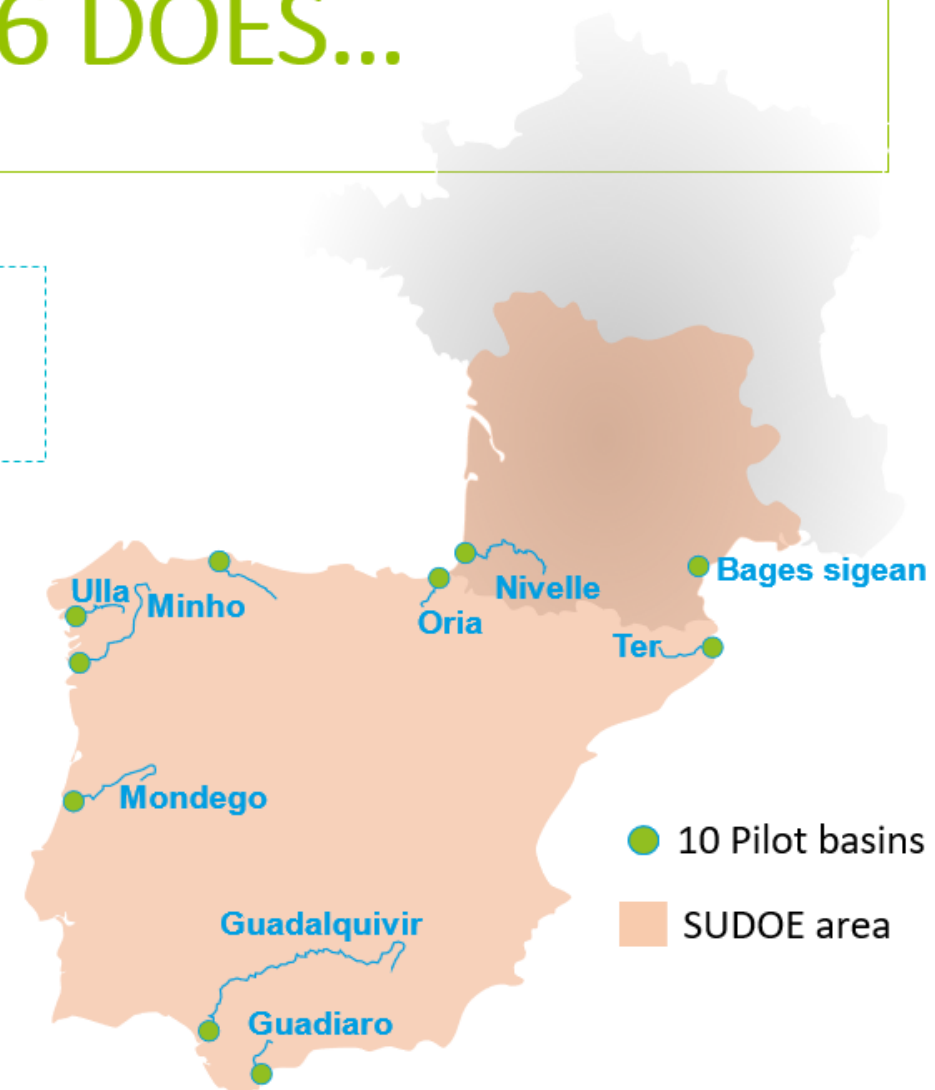
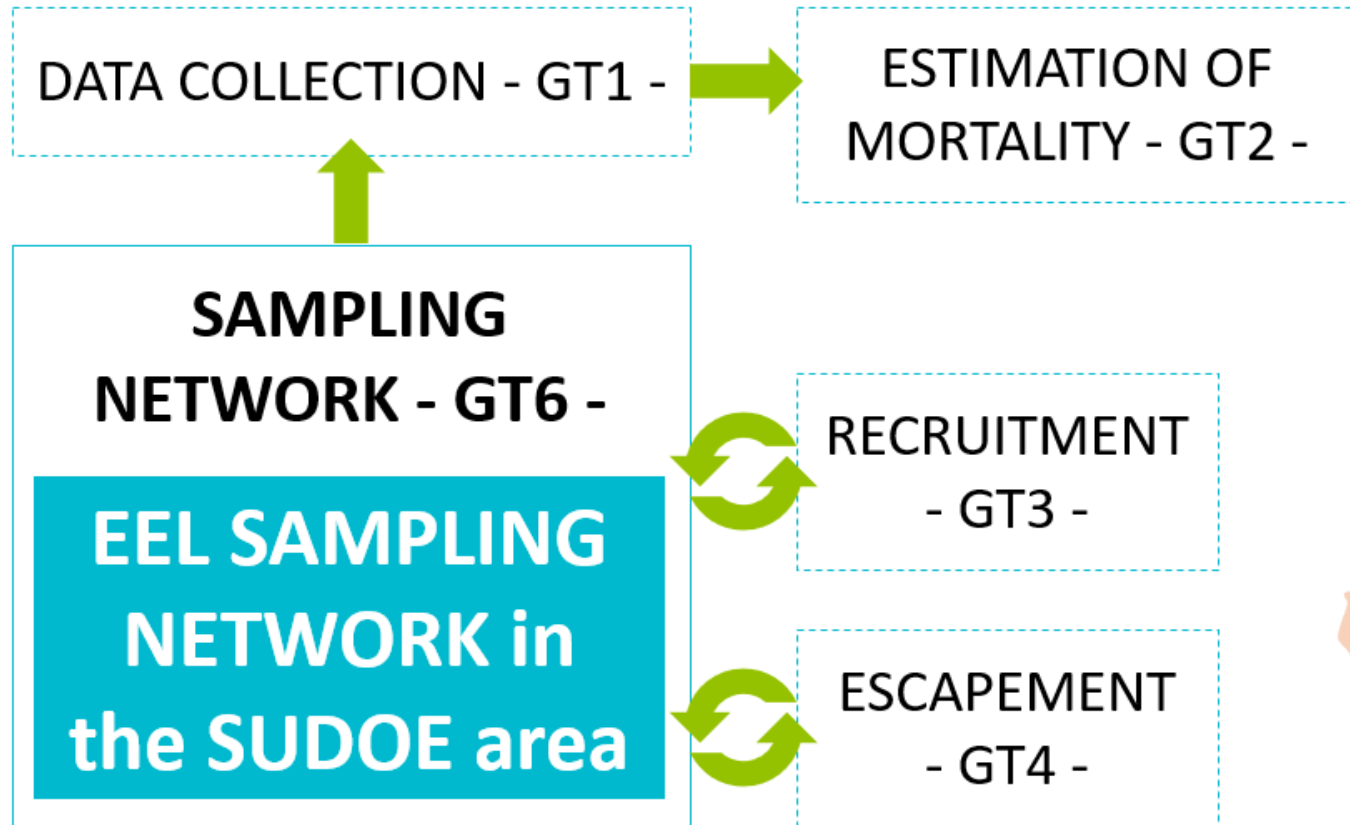
# OBJECTIVE

Create and implement an eel sampling network in the SUDOIE area to monitor the population

- Partners with different expertise
- Harmonized methodologies
- Sampling design in harmony with EU MAP



# WHAT THE GT6 DOES...



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# CHRONOGRAM OF ACTIVITIES

2018

2019

2020

2021



*(July 2018)*



*(June and July 2019)*



**6.1 Organization  
of seminars**

*(January 2021)*



**6.2 Installation of an eel pass in the River Nivelles**

*(December 2020)*



**6.3 Implementation of an eel sampling network**



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# WHAT HAVE WE DONE SO FAR?

## Activity 6.1 – Organization of workshops

2018

2019

2020

2021

June

June



Workshop



Workshop

Harmonize  
sampling

Calibrate age  
reading

## SAMPLING PROTOCOLS



# WHAT HAVE WE DONE SO FAR?



## Activity 6.1

2018

2019

2020

2021

### SAMPLING PROTOCOLS



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



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# WHAT HAVE WE DONE SO FAR?



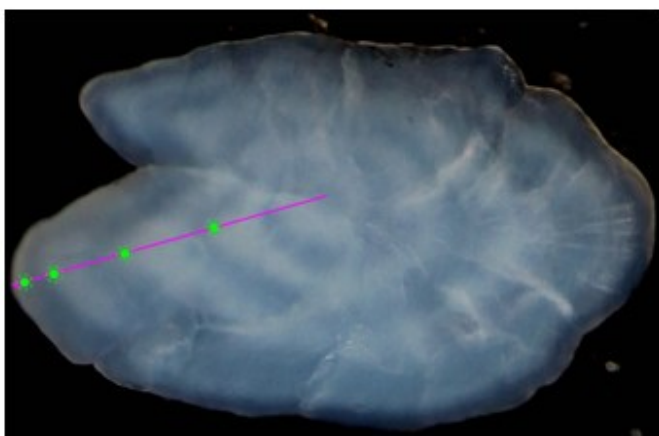
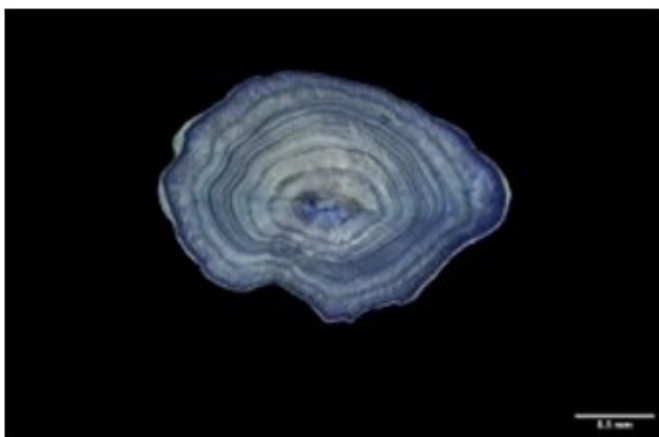
## Activity 6.1

2018

2019

2020

2021



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Annotations	Created	File	File	File	Created
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2019	2019-01-01	01			
2020	2020-01-01	01			

# WHAT HAVE WE DONE SO FAR?

## Activity 6.2 - Installation of an eel pass in River Nivelle



2018

2019

2020

2021

- Problems with administrative permission
- Water feeding of the trap by gravity
  - 2 m Deep channel
  - Hard work for building and maintenance
  - Too expensive
  - Not enough place in the area already used for salmon survey



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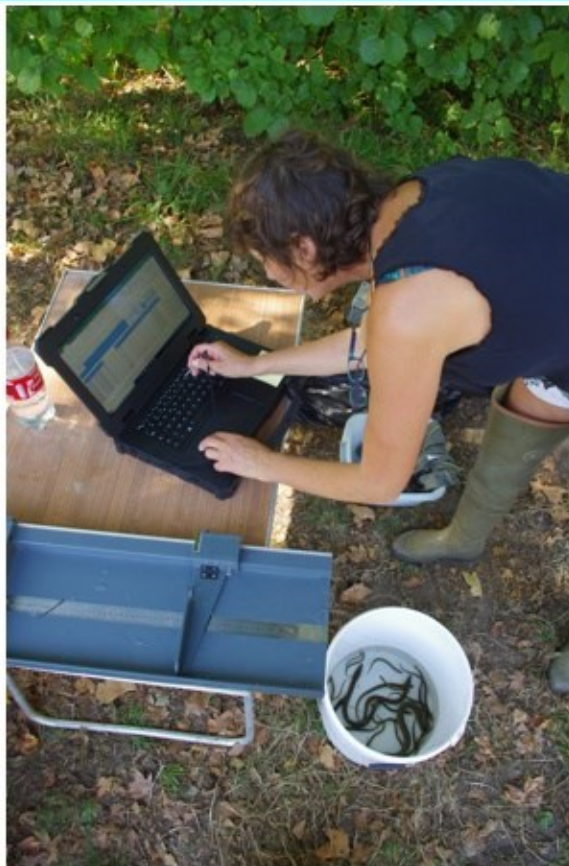
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# WHAT HAVE WE DONE SO FAR?

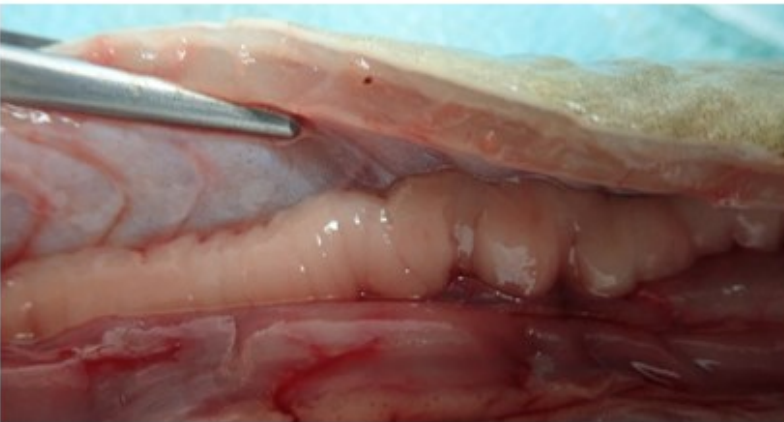
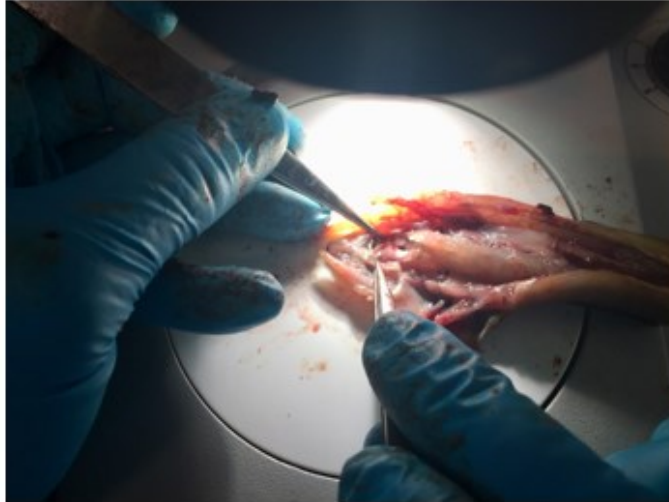
## 6.3 Implementation of an eel sampling network





# WHAT HAVE WE DONE SO FAR?

## 6.3 Implementation of an eel sampling network



# WHAT HAVE WE DONE SO FAR?

## 6.3 Implementation of an eel sampling network







# PLAN FOR FUTURE WORK

- Prepare the 2nd year of sampling (recruitment & yellow/silver eels)
- Tailor sampling of recruitment in the Mediterranean...
- Try to overcome the problems derived from administrative constraints on installing the eel pass in the Nivelles.
- Organize dissemination events in each river basin





# QUESTIONS AND COMMENTS



- In the workshop

*21<sup>st</sup> June*

Tailoring Data collection – the way forward



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