Control scheme for recreational catches of sea bass

RecFishing.eu

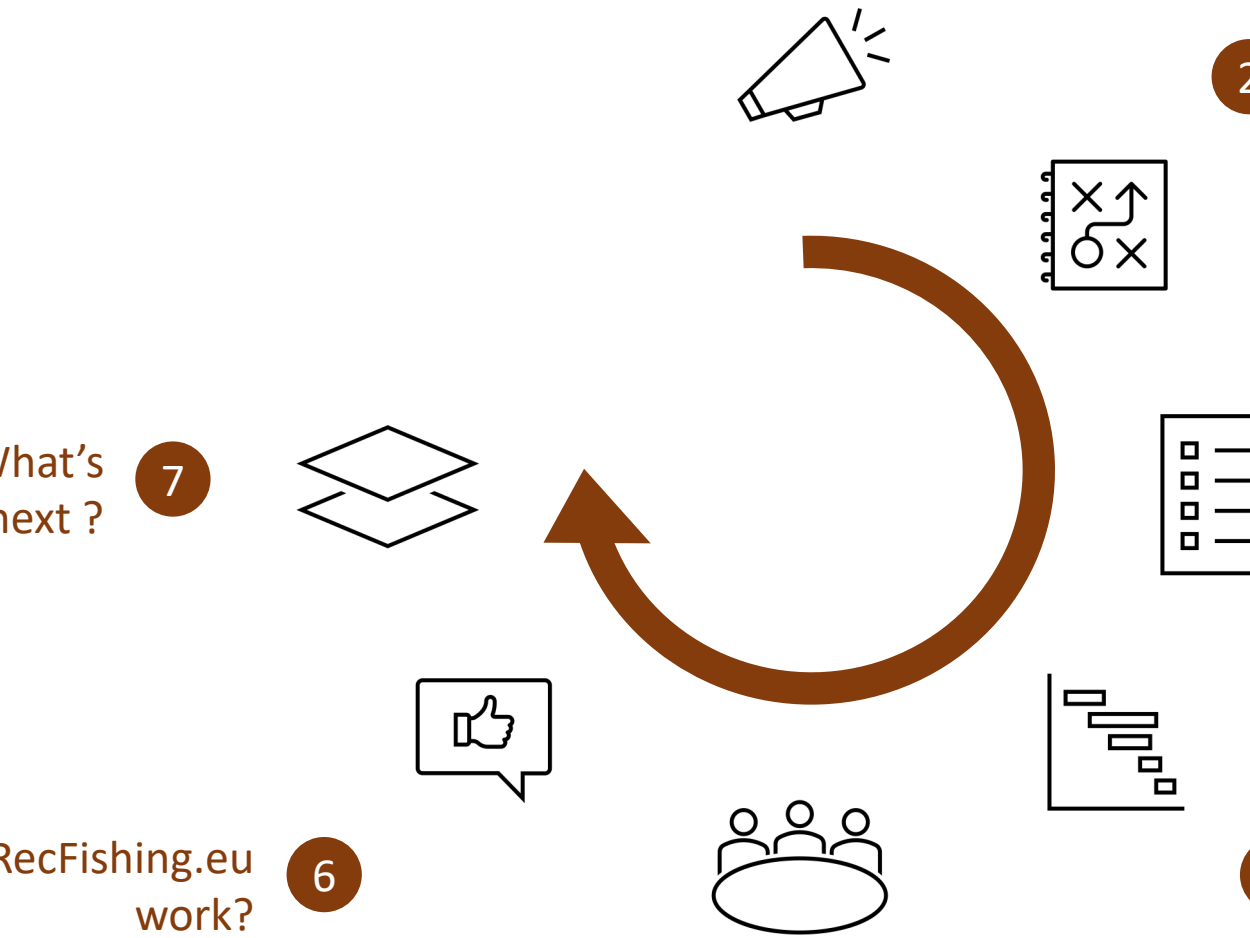
December, 2020

HALIEUTICOM SEANEO SCENENT

Is it possible to have an integrated EU catch reporting system for recreational fisheries?

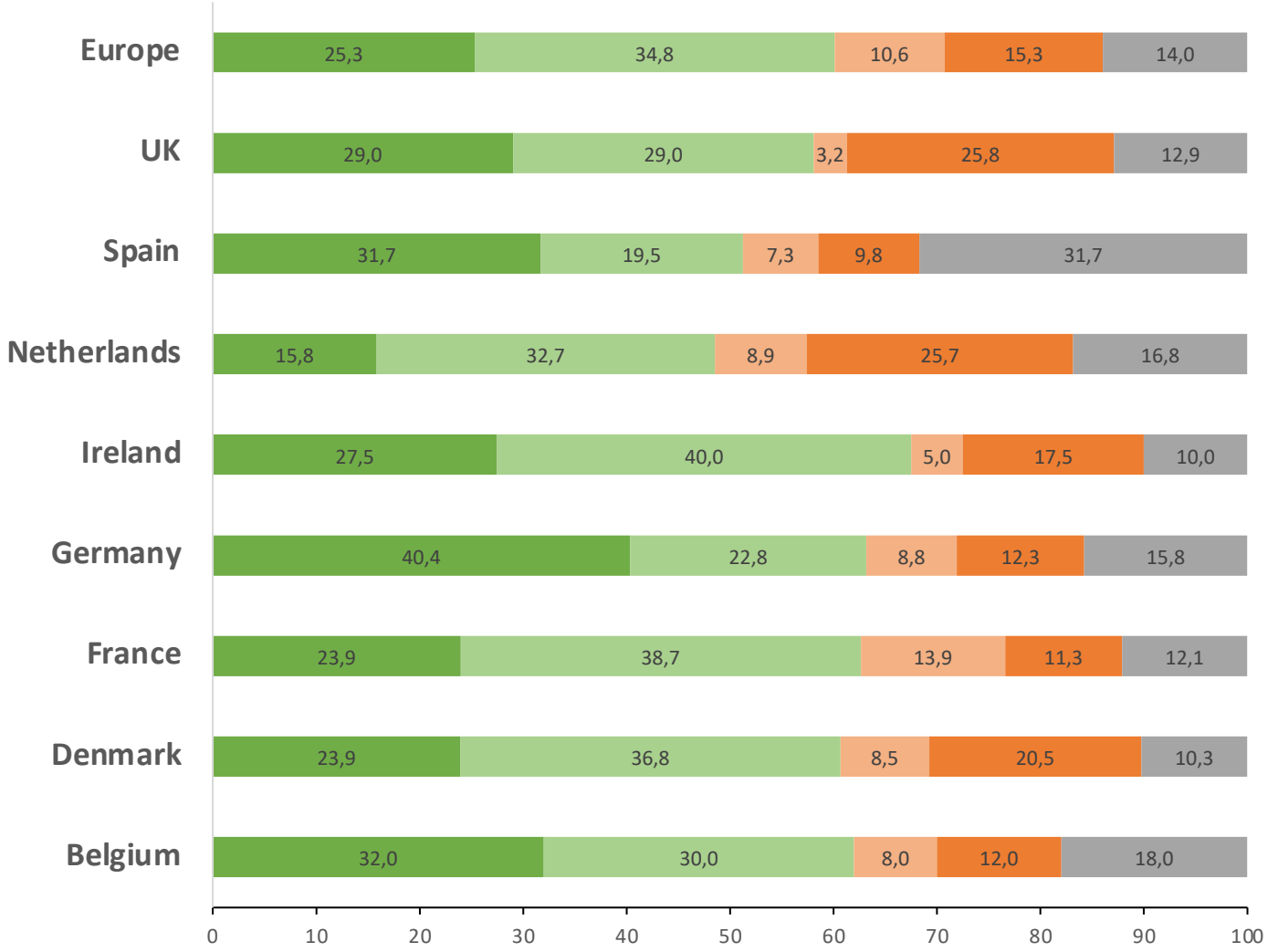
Agenda

1. Recreational fishers' mindset
2. Needs to be met for an ideal solution
3. Our solution, meeting the needs
4. How does RecFishing.eu work?
5. Stakeholders - how do they use it ?
6. Does RecFishing.eu work?
7. What's next ?



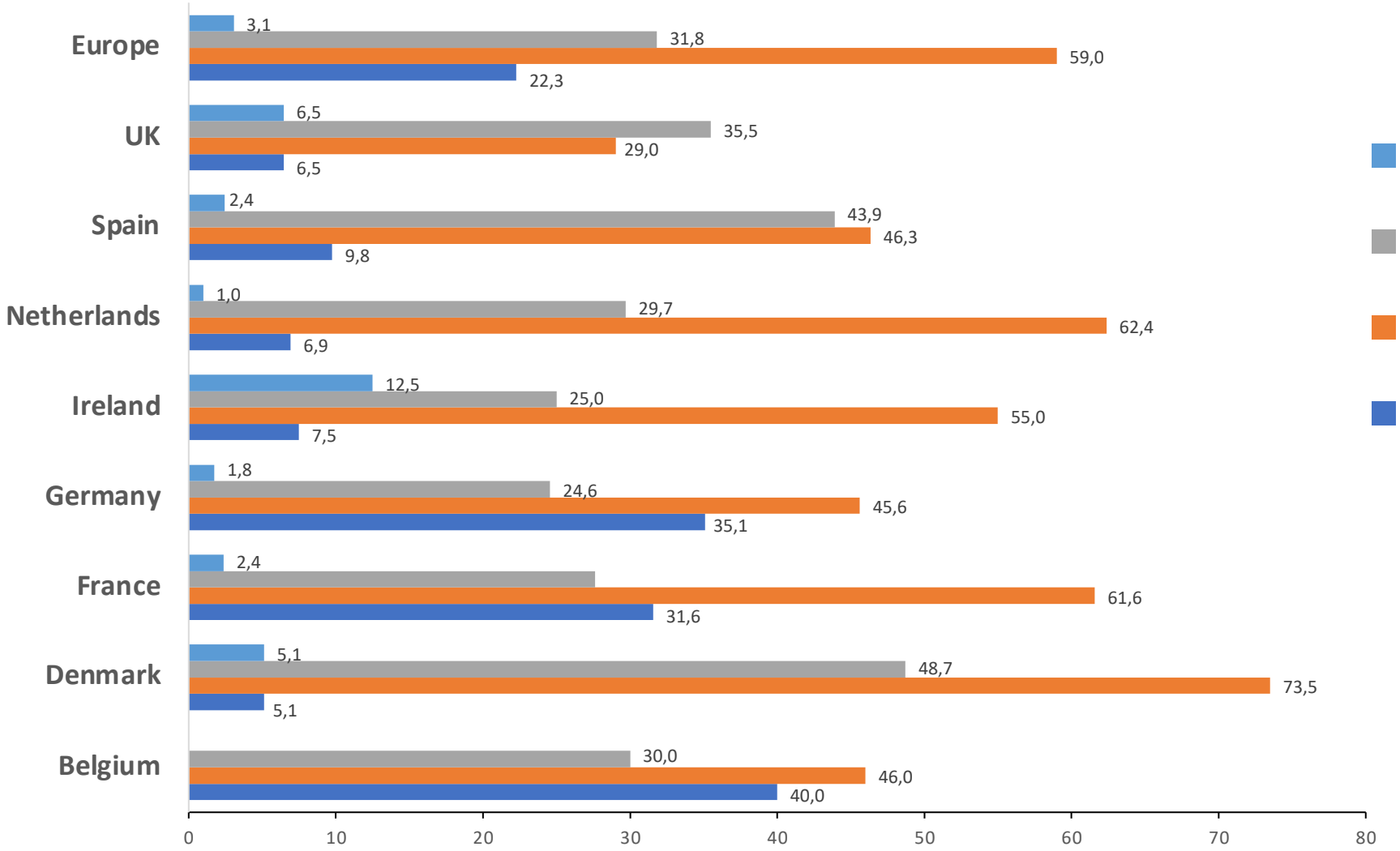
What is the recreational fishers' mindset regarding recreational fisheries reporting?

Fishers opinion about generalisation of recreational catch reporting



817 respondents

Tools recommended by fishers for catch reporting



Other

Website (online declaration)

Mobile application

Paper logbook

817 respondents

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What are the needs to be met in order to build the solution?

Recommendations for the solution

Compulsory registration	Preferable to licensing – free, homogeneous across various countries
Real-time data collection	Preferable to recurrent studies – enables short term reaction
Phased approach	Test in real life with volunteers before making it compulsory
Leverage citizen science trend	Contribution to data collection & scientific feedback loop
Target field controls	Collected data help local authorities to target their controls on the field
Open technical approach	Third party applications can easily embed the shared declaration module

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What is our solution? How does it meet the needs previously identified?

Integrated EU catch reporting system – RecFishing.eu

- **A central server with web applications** for fishers and other stakeholders (users of data)
- **Accepts data from partner app servers** in a standard form: FishFriender is the first to be connected
- The system can be paired with **separate and competing commercial solutions**: fishers declare their catches on **their usual fishing logbook applications**
- It is also possible to **support official public apps** or apps from associations

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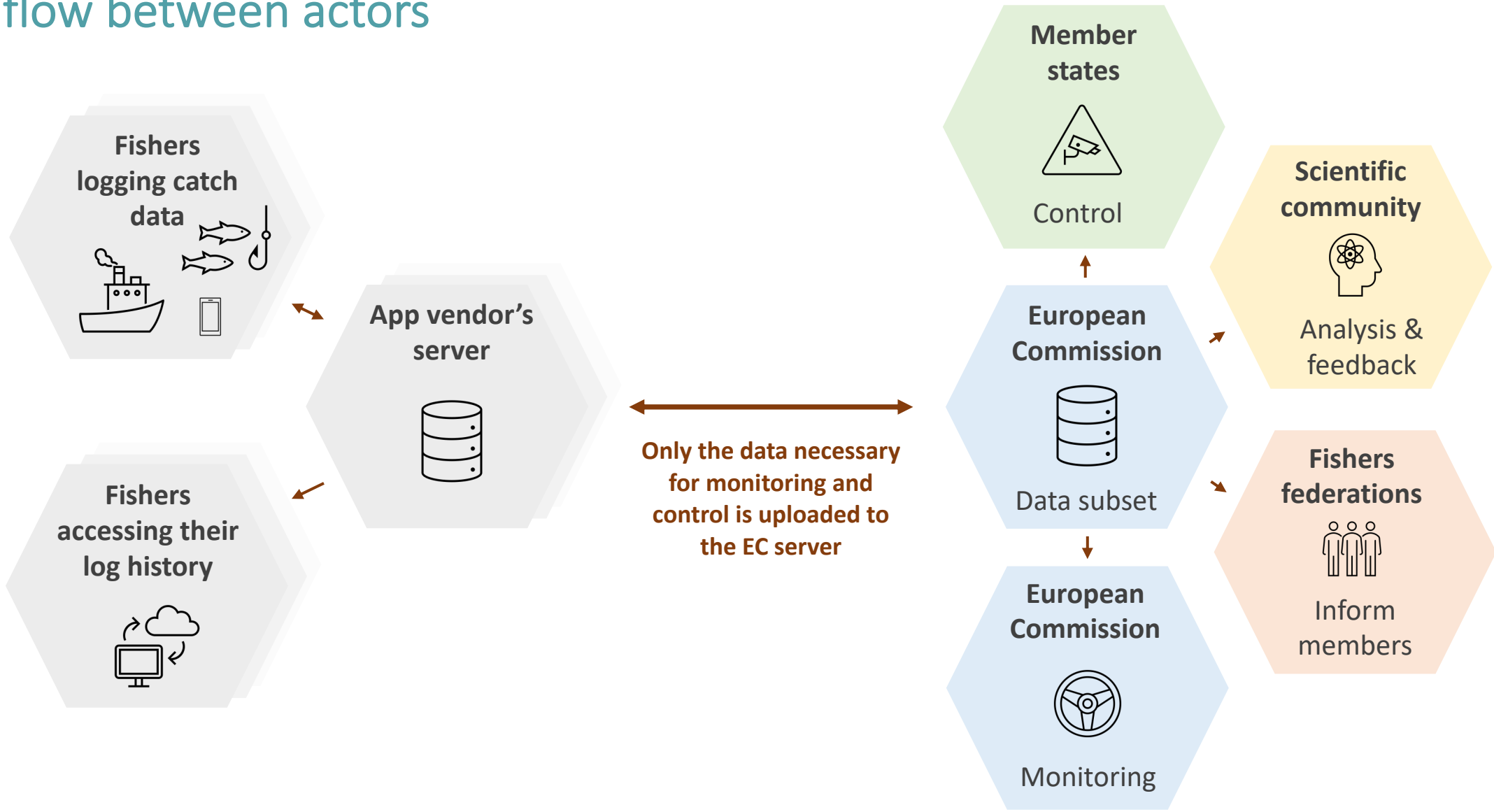
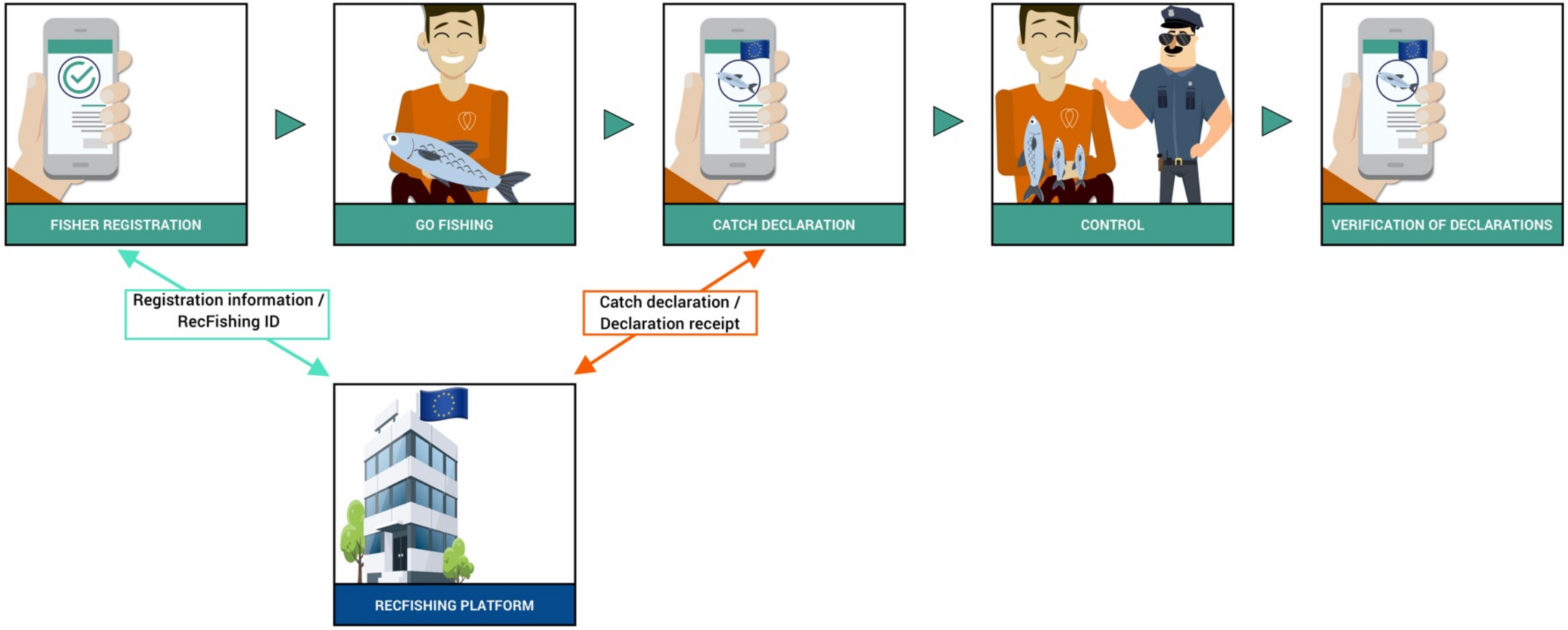
How does RecFishing.eu work?

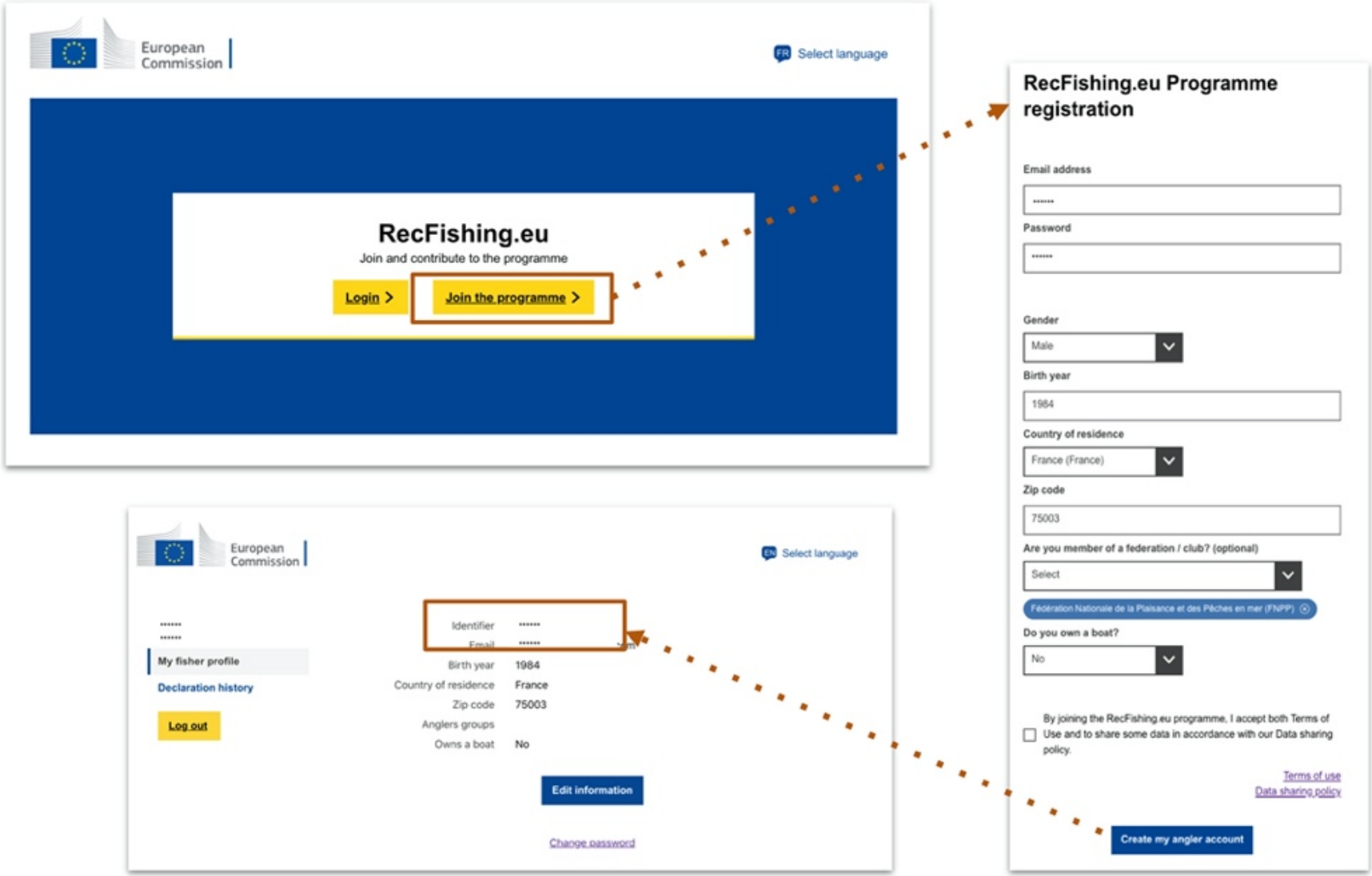
Data flow between actors



Fisher use case – ready to simplify control



The fisher's web portal: [RecFishing.eu]



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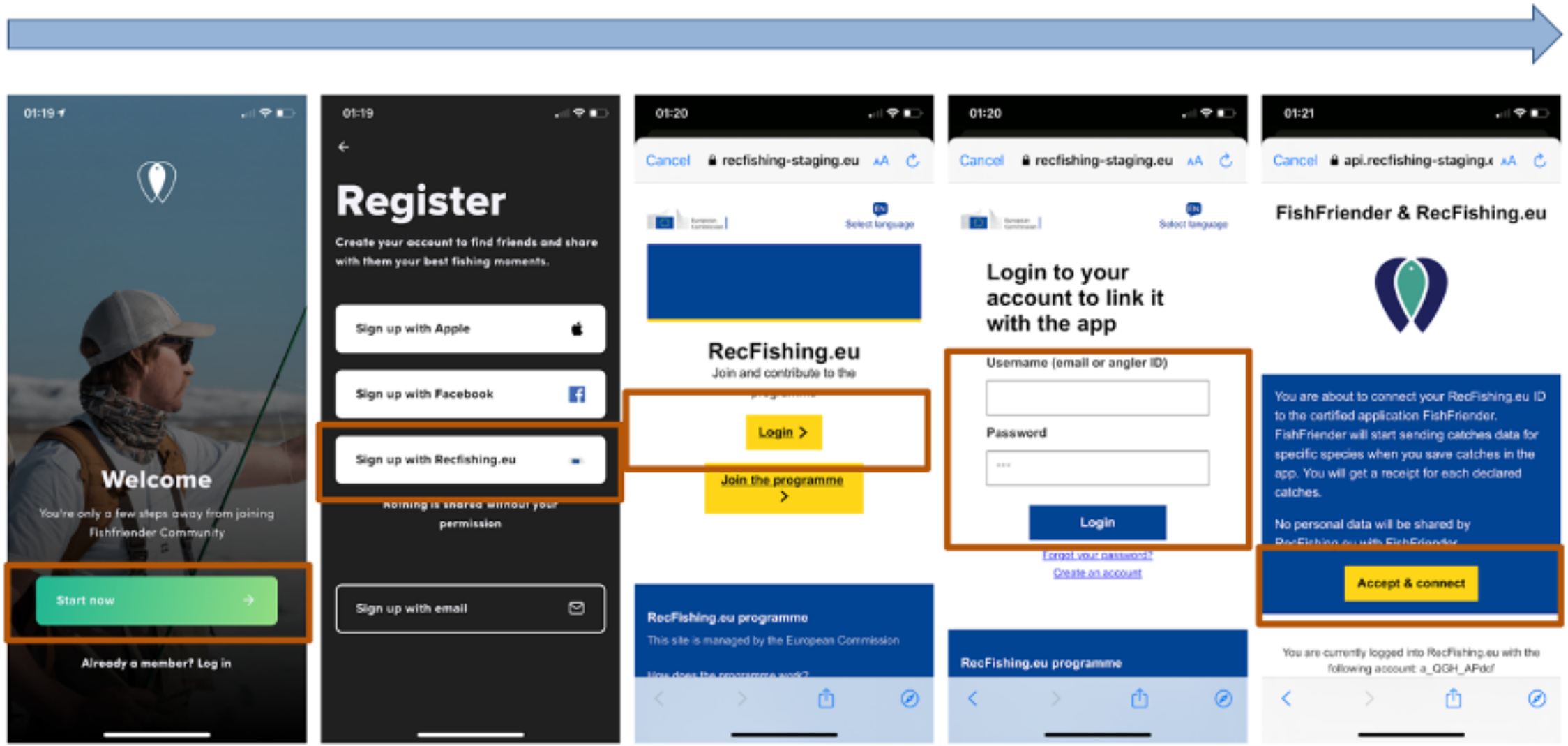
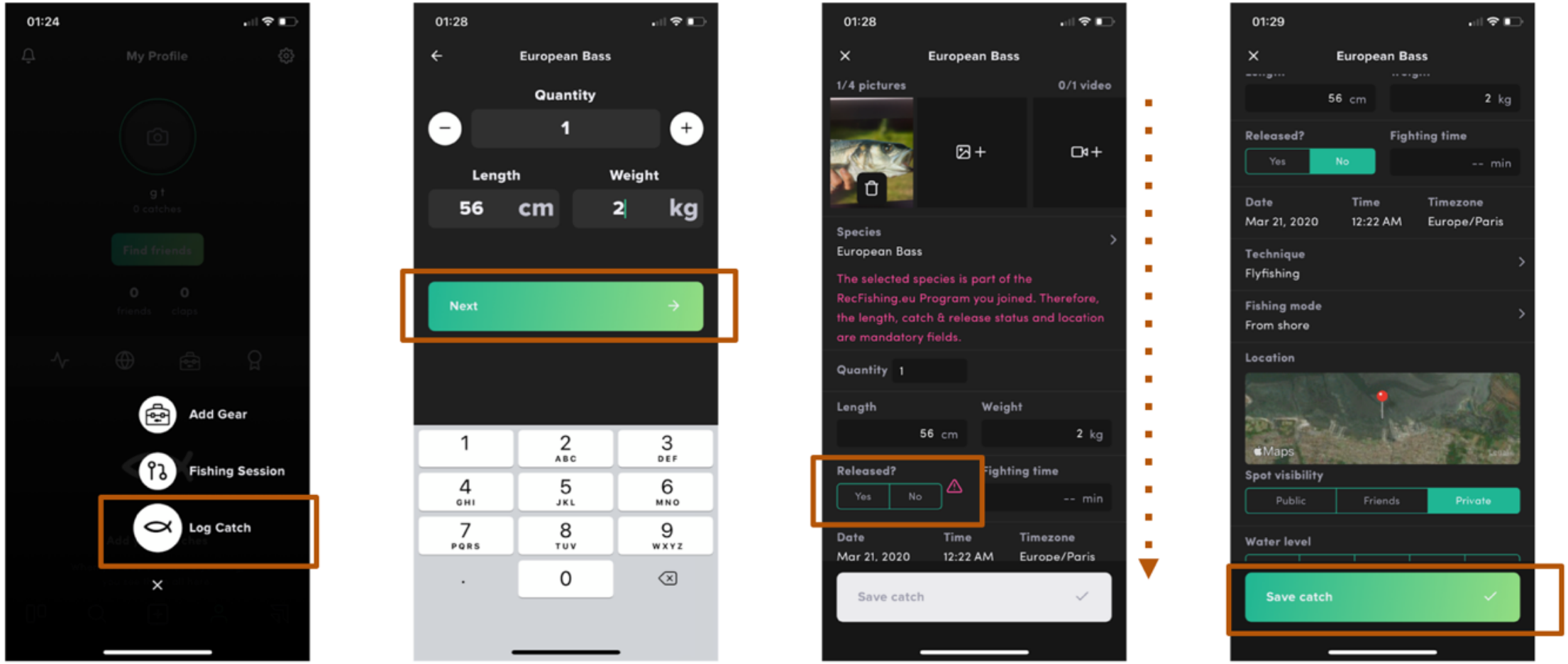
The declaration module in FishFriender – Link profile



The declaration module in FishFriender – Declare a catch



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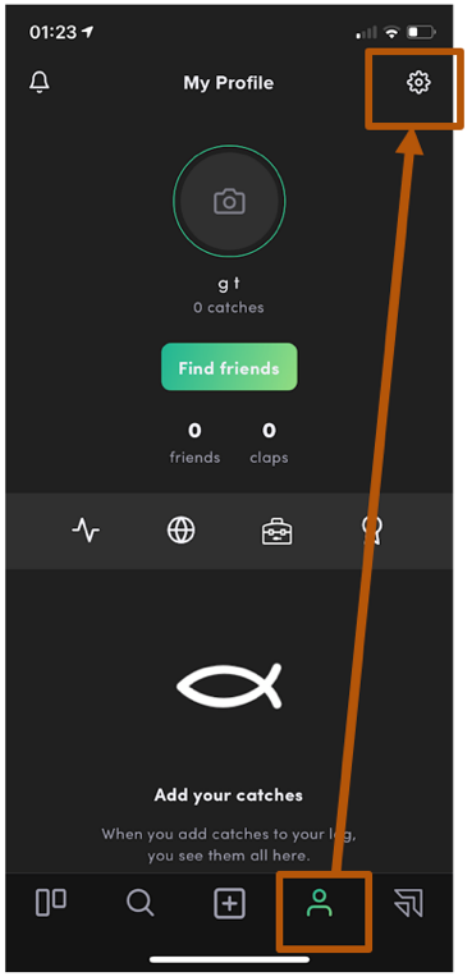
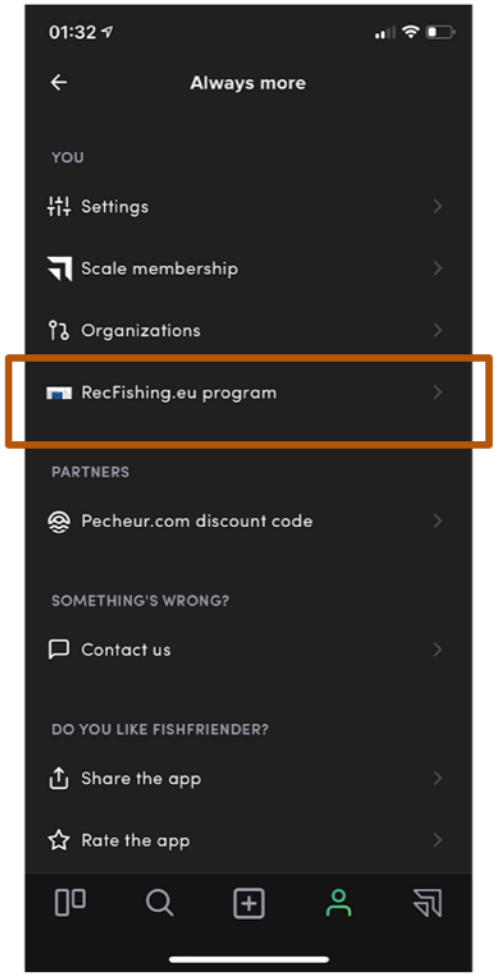
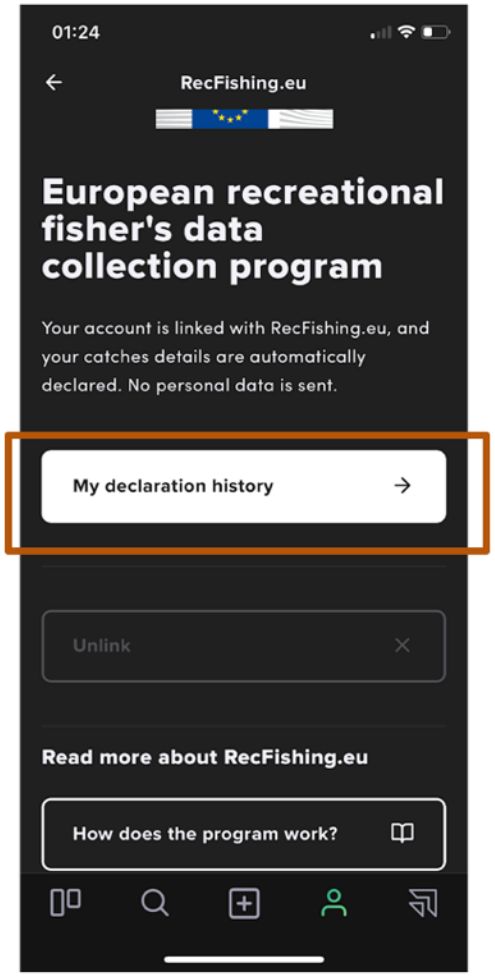
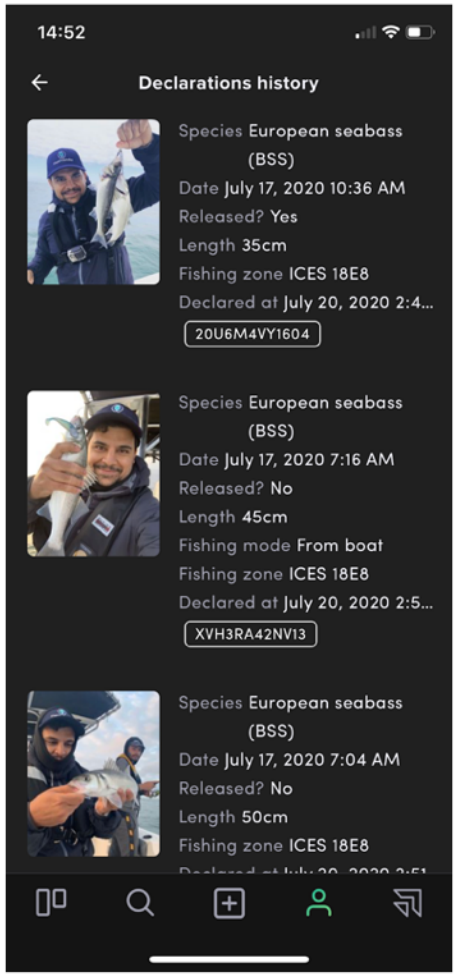
The declaration module in FishFriender – View catch history

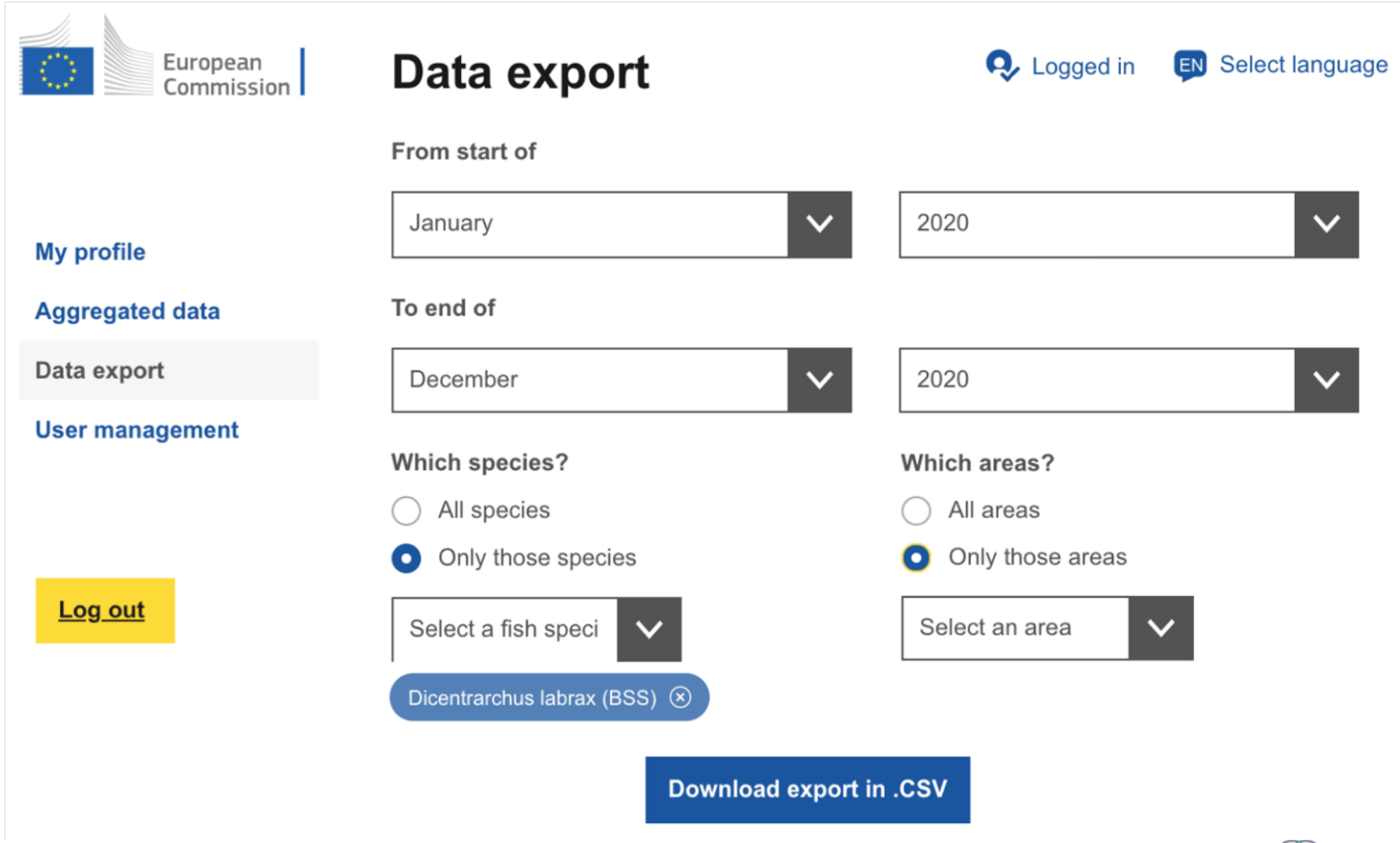






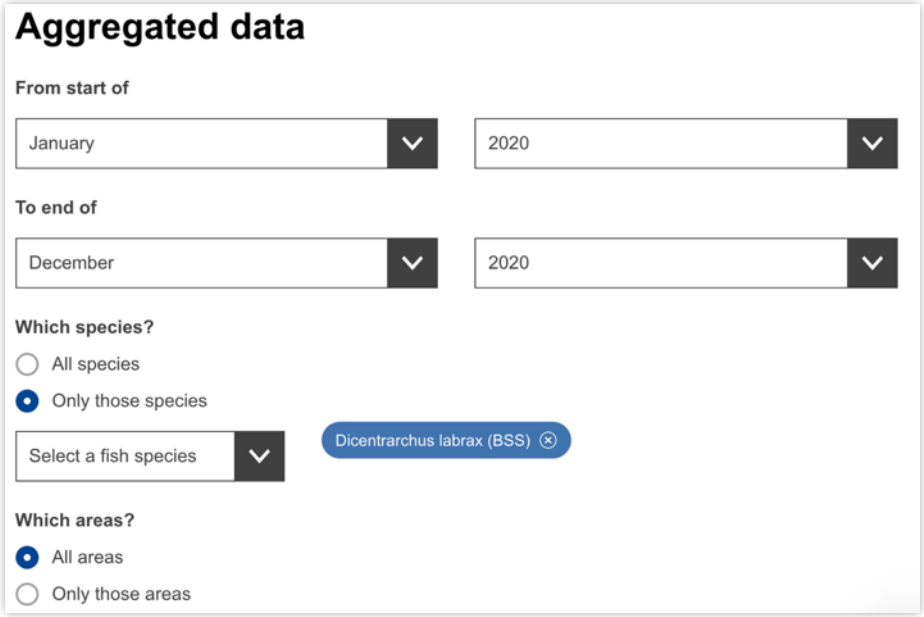


The administration web portal: admin.RecFishing.eu

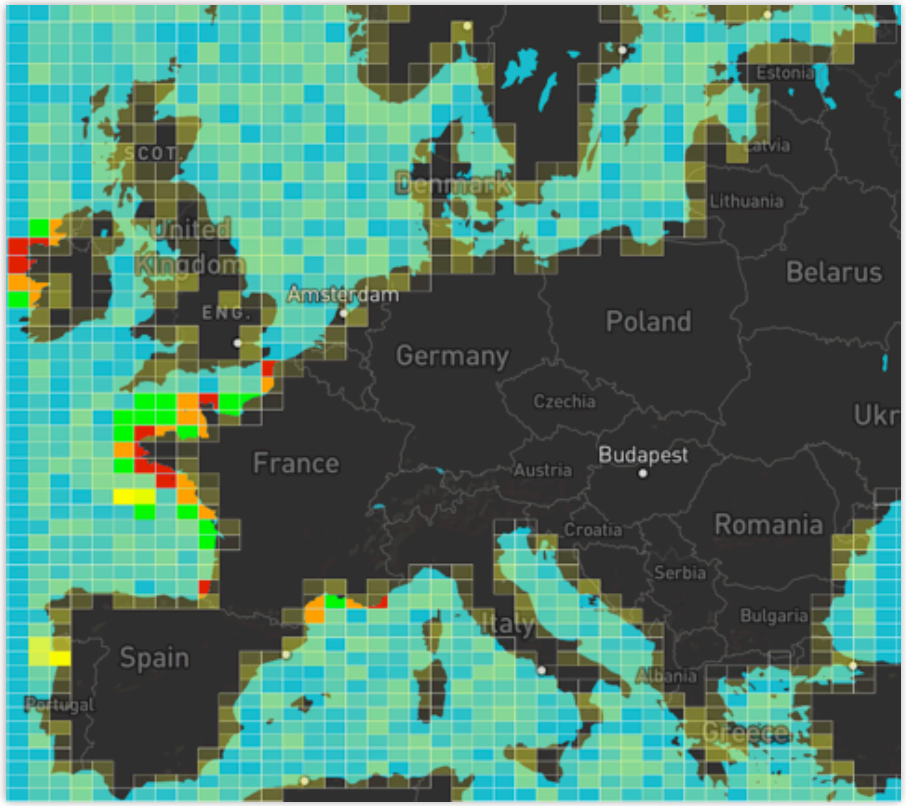


Other stakeholders' use case (EC, MS, fishers' associations, scientific community)

Data Export

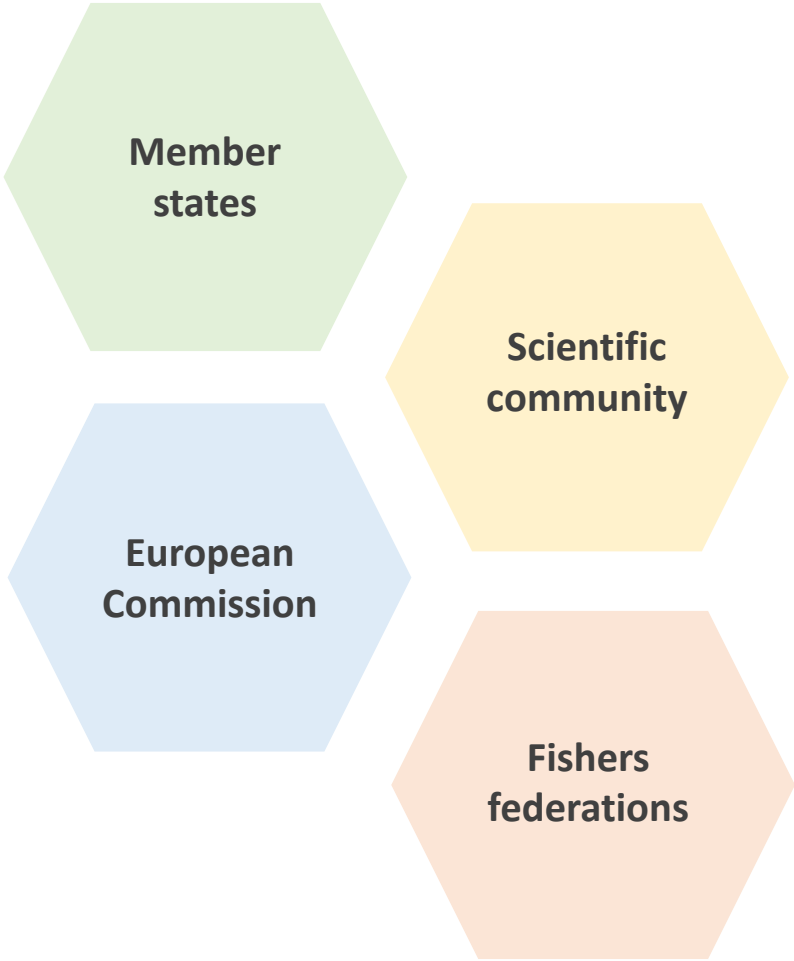


Analysis for Reporting



Who are the other stakeholders of the programme and how can they use RecFishing.eu?

Overview of other stakeholders' roles



Access can be created for a variety of profiles

- Customisable access rights
- Multiple scope and data access
- Specific data aggregation and reports
- Configurable data exports settings

Overview of data export structure – other stakeholders

Data aggregation	By **species**
	By **period** of catch (monthly, daily…)
	By **place** of catch (country, ICES/FAO)

Export content	Number of **kept fish**
	Number of **released fish**
	Number of **different fishers**
	Size (cm) (min, max, average / kept fish)
	Weight (kg) (min, max, average / kept fish)
	Fishing method (boat, shore…)
	Fishing type (netting, angling…)
	Fishing session duration (average)

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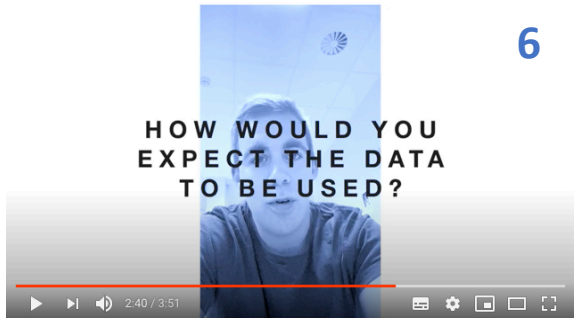
Does RecFishing.eu work?

Live testing

Deployed in October 2020

Testimonials from fishers



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Programme deployment

As of 4th of November 2020

124	242	All 6.464 ICES & 1.534 GFCM zones	🇧🇪 Belgium 🇮🇹 Italy 🇫🇷 France 🇳🇴 Norway
Registrations #	Catches #	supported zones #	Pioneer countries

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What’s next?

A scalable programme for all recreational fisheries

RecFishing.eu programme characteristics

- Scalable to any species & languages
- All European Sea basins (ICES statistical rectangle accuracy) included
- Applicable locally, works globally
- Ready to use with FishFriender App / No cost or delays for onboarding
- Precise data for qualitative monitoring & scientific studies

Beyond Data collection and control scheme

- Strong communication channel between Stakeholders and Fishers
- Survey / socio demographics studies opportunities
- Compatible with specific features (mandatory licensing, surveying)

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Is it possible to have an integrated EU catch reporting system for recreational fisheries?

Yes!
The answer is RecFishing.eu

Get on board: FishFriender.com/RecFishing

contact@recfishing.eu

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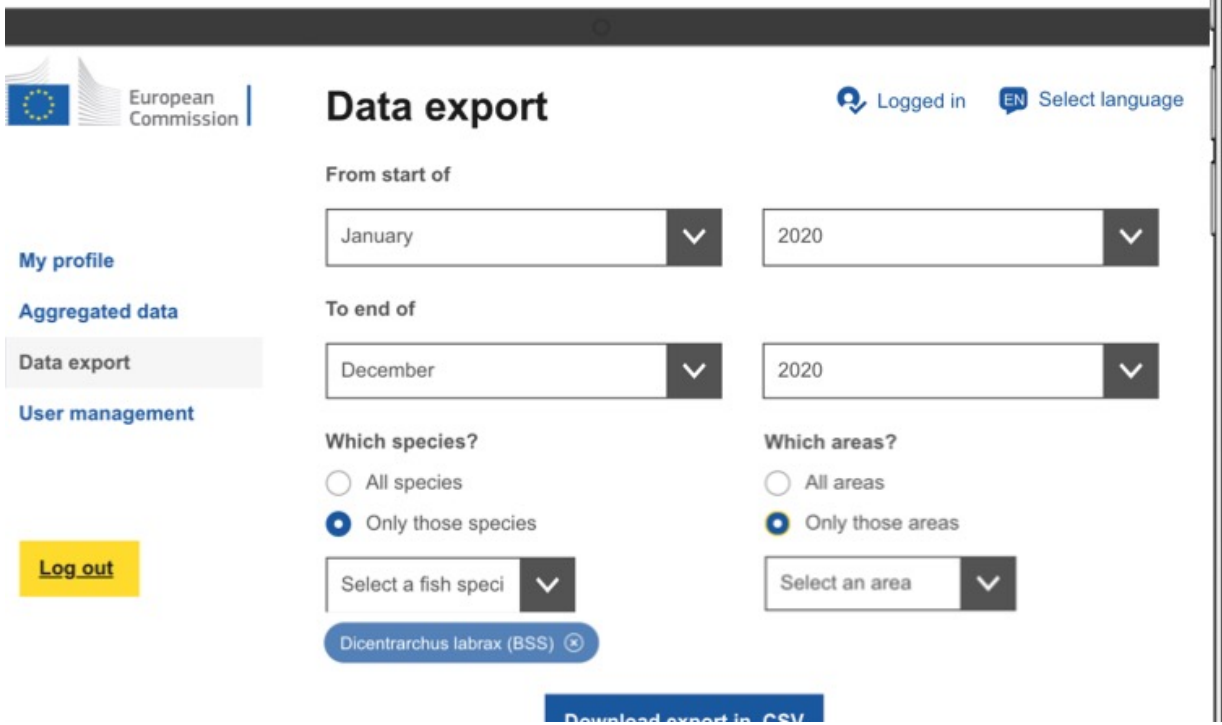
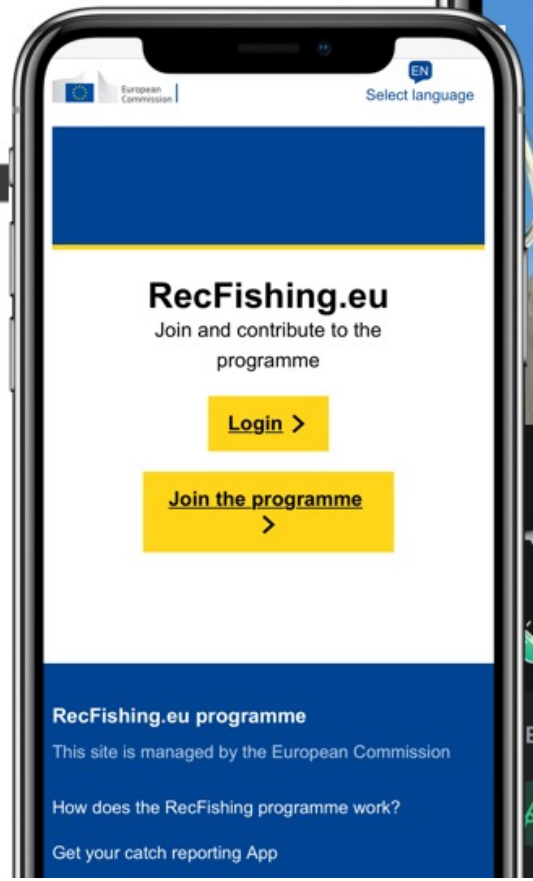
RecFishing.eu

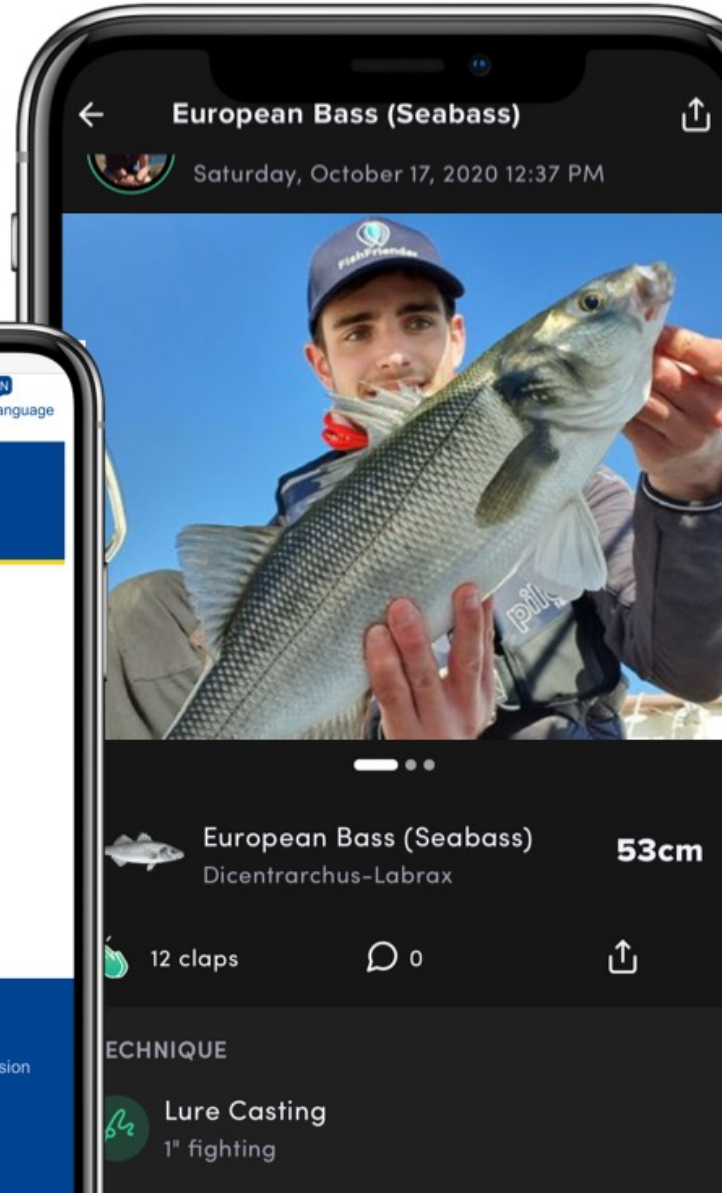
Admin portal

Fisher's portal

FishFriender
Partner app







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