

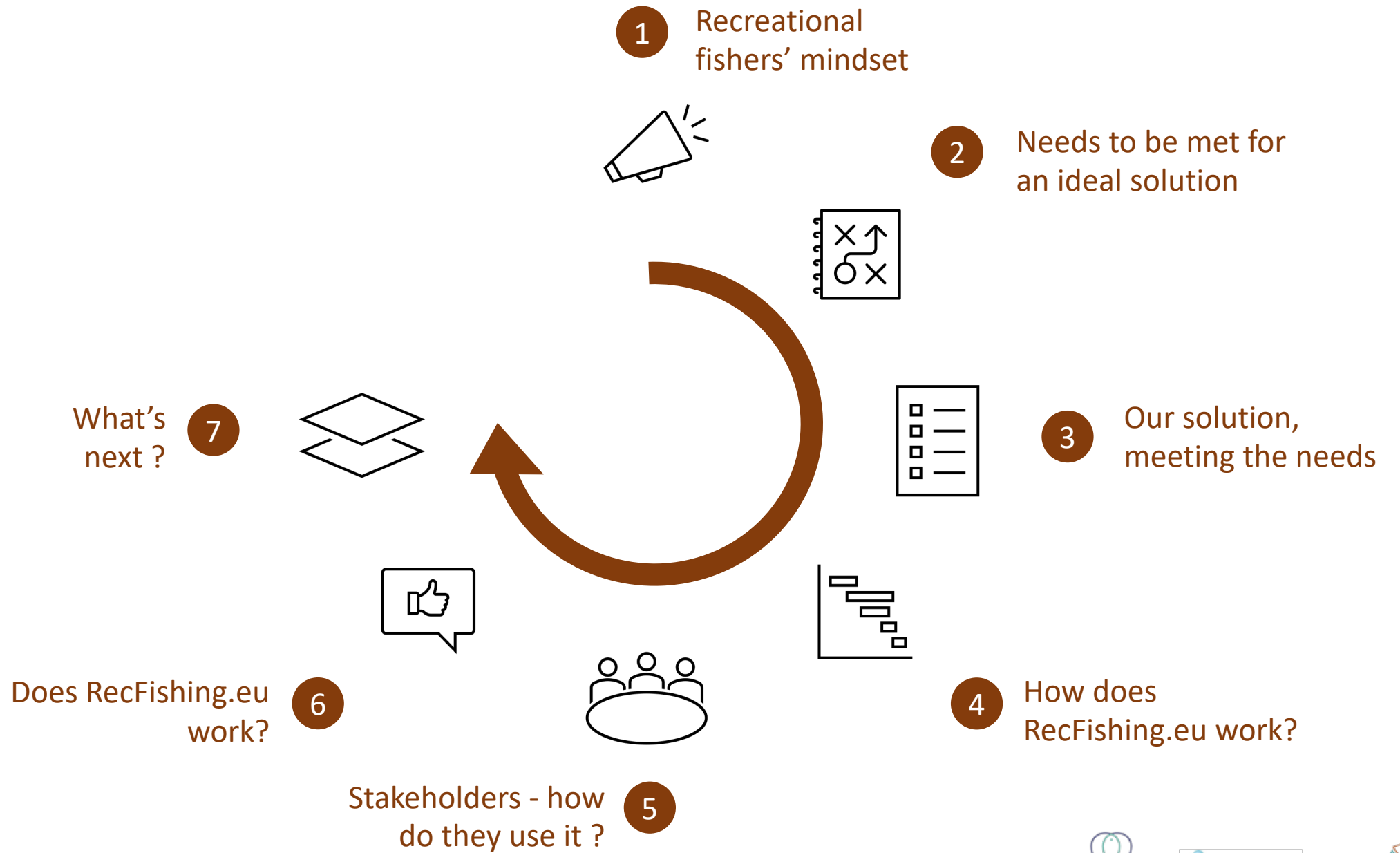
# Control scheme for recreational catches of sea bass

December, 2020



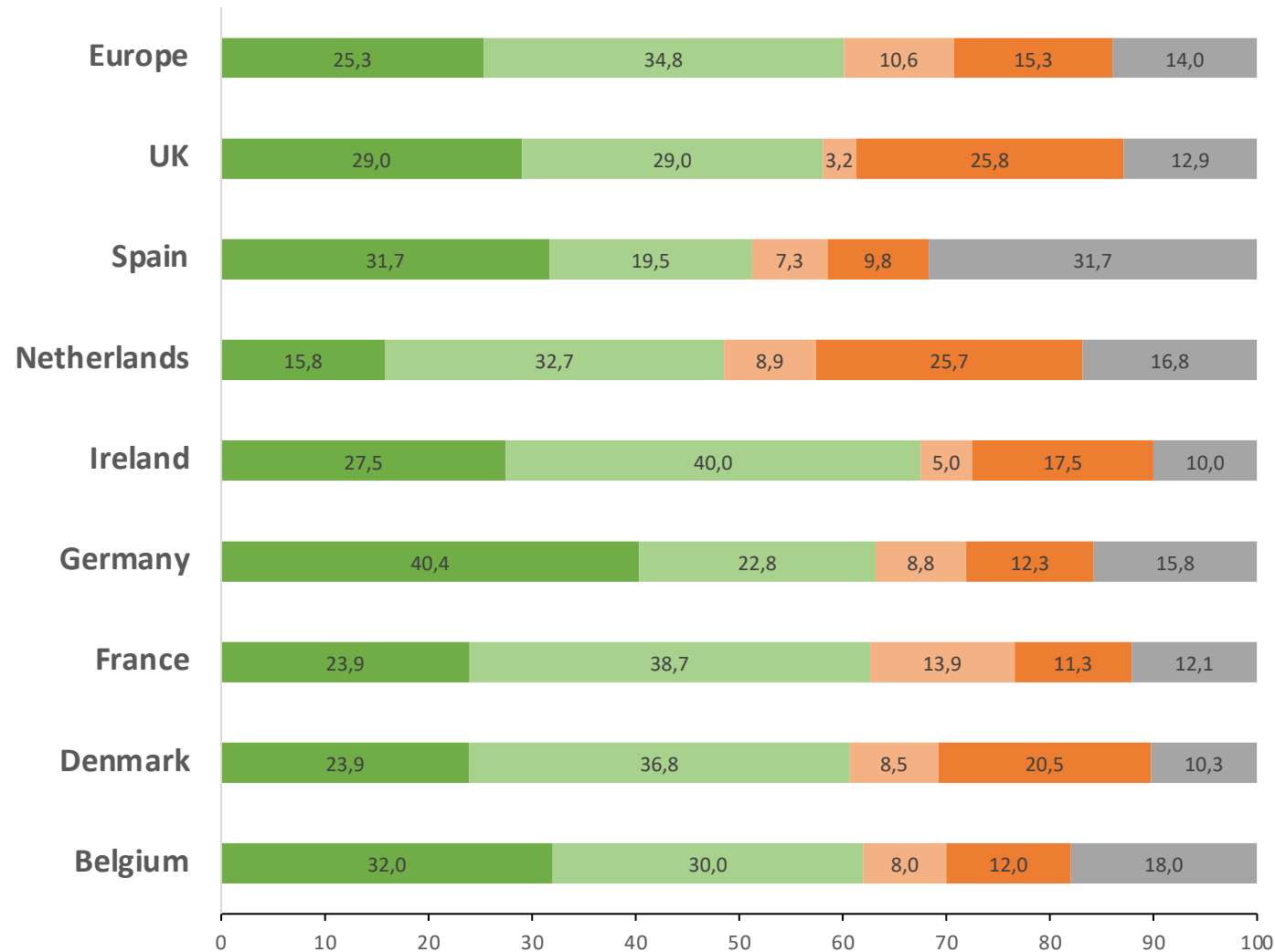
**Is it possible to have an  
integrated EU catch reporting  
system for recreational fisheries?**

# Agenda



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

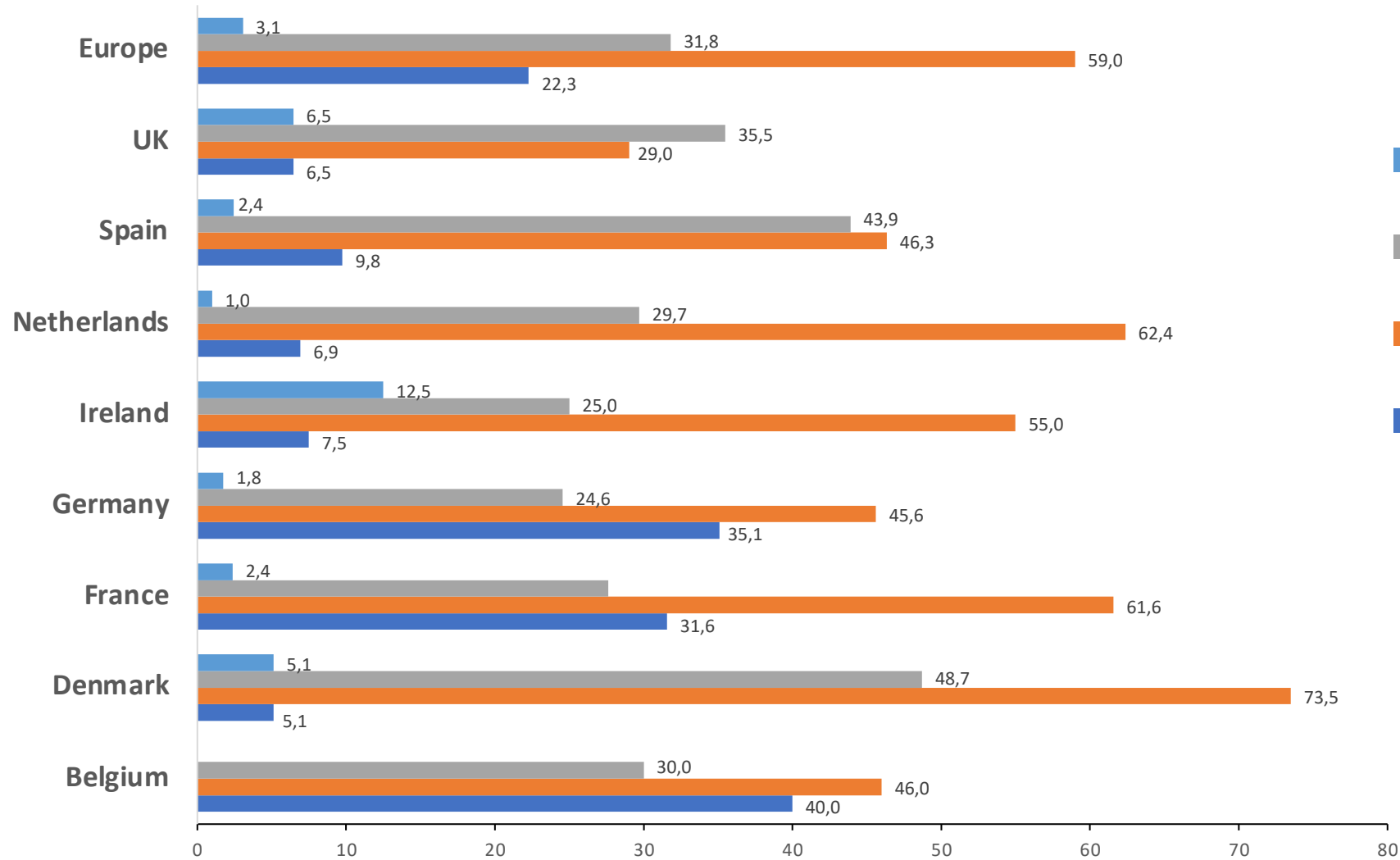
# Fishers opinion about generalisation of recreational catch reporting



- Completely in favour
- Somewhat in favour
- Somewhat unfavorable
- Completely unfavorable
- No opinion

817 respondents

# Tools recommended by fishers for catch reporting



- Other
- Website (online declaration)
- Mobile application
- Paper logbook

817 respondents

**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



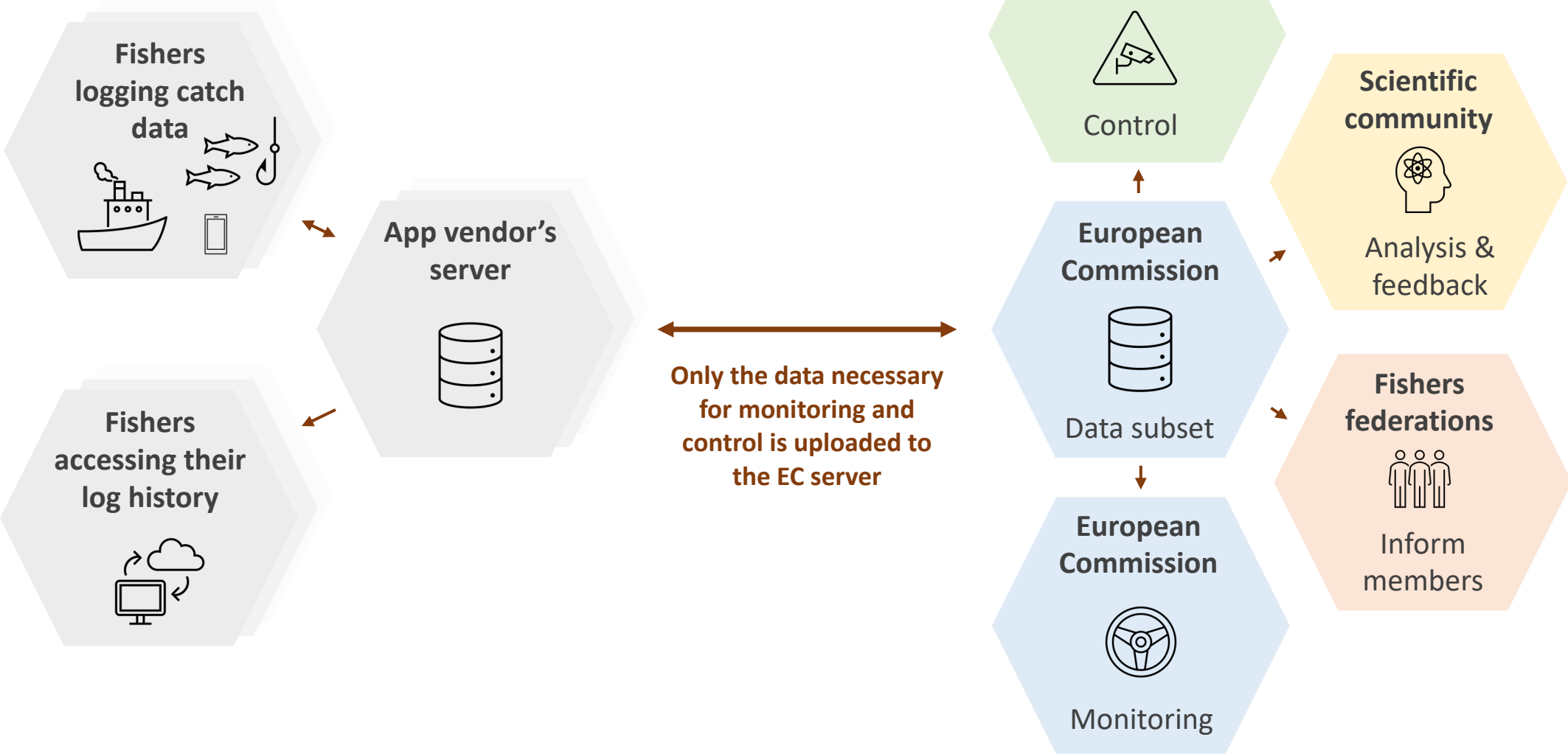
**What is our solution? How does it meet the needs previously identified?**

## Integrated EU catch reporting system – RecFishing.eu

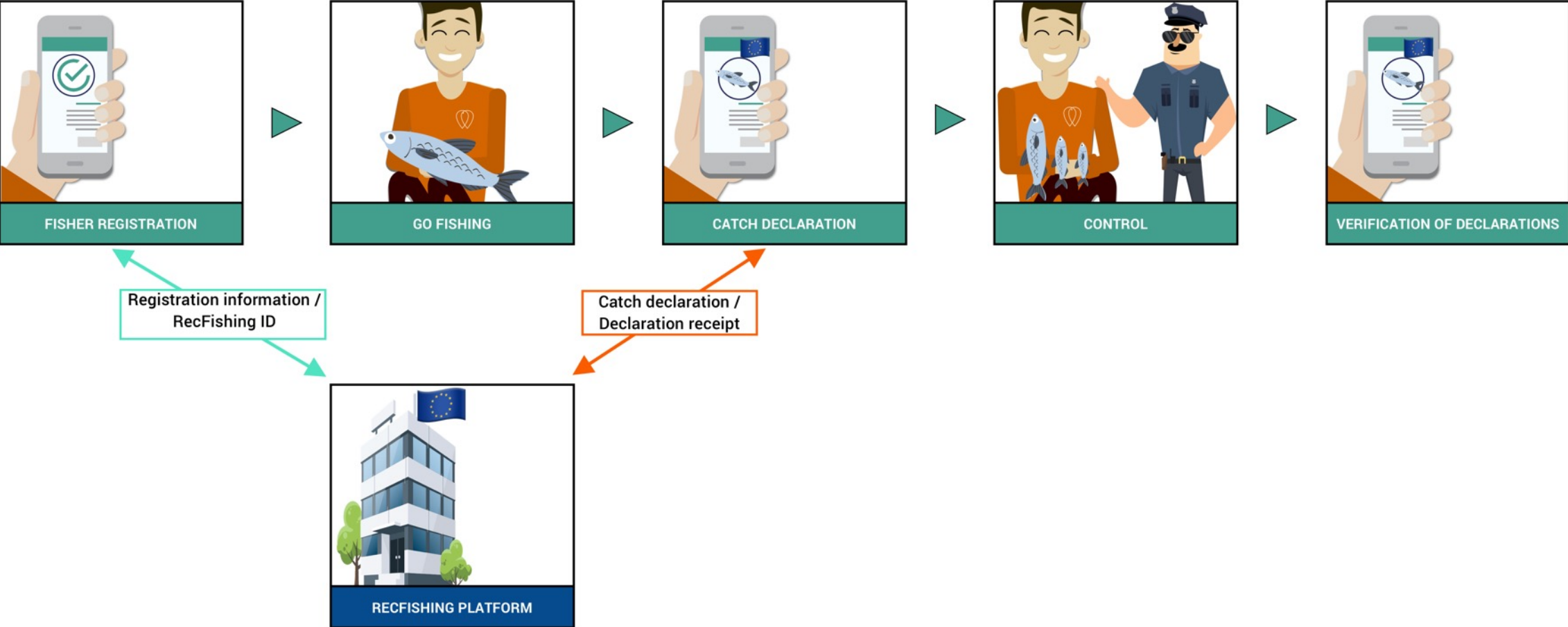
- **A central server with web applications** for fishers and other stakeholders (users of data)
- **Accepts data from partner app servers** in a standard form: FishFriender is the first to be connected
- The system can be paired with **separate and competing commercial solutions**: fishers declare their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

# How does RecFishing.eu work?

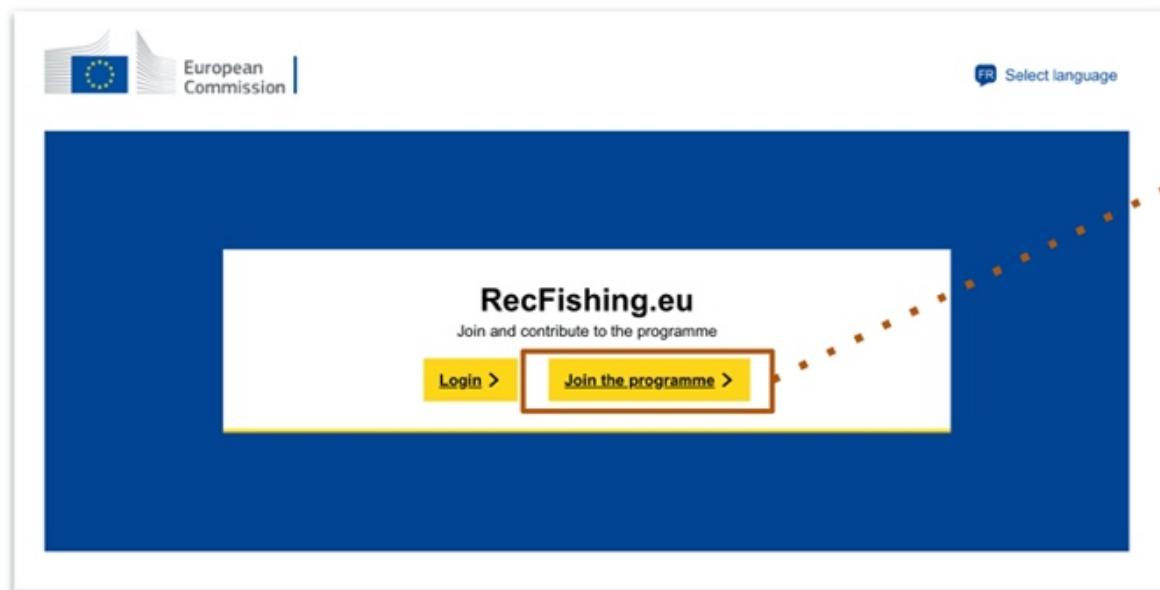
# Data flow between actors



# Fisher use case – ready to simplify control



# The fisher's web portal: [RecFishing.eu](https://www.recfishing.eu)



### RecFishing.eu Programme registration

Email address

Password

Gender  
Male

Birth year

Country of residence  
France (France)

Zip code

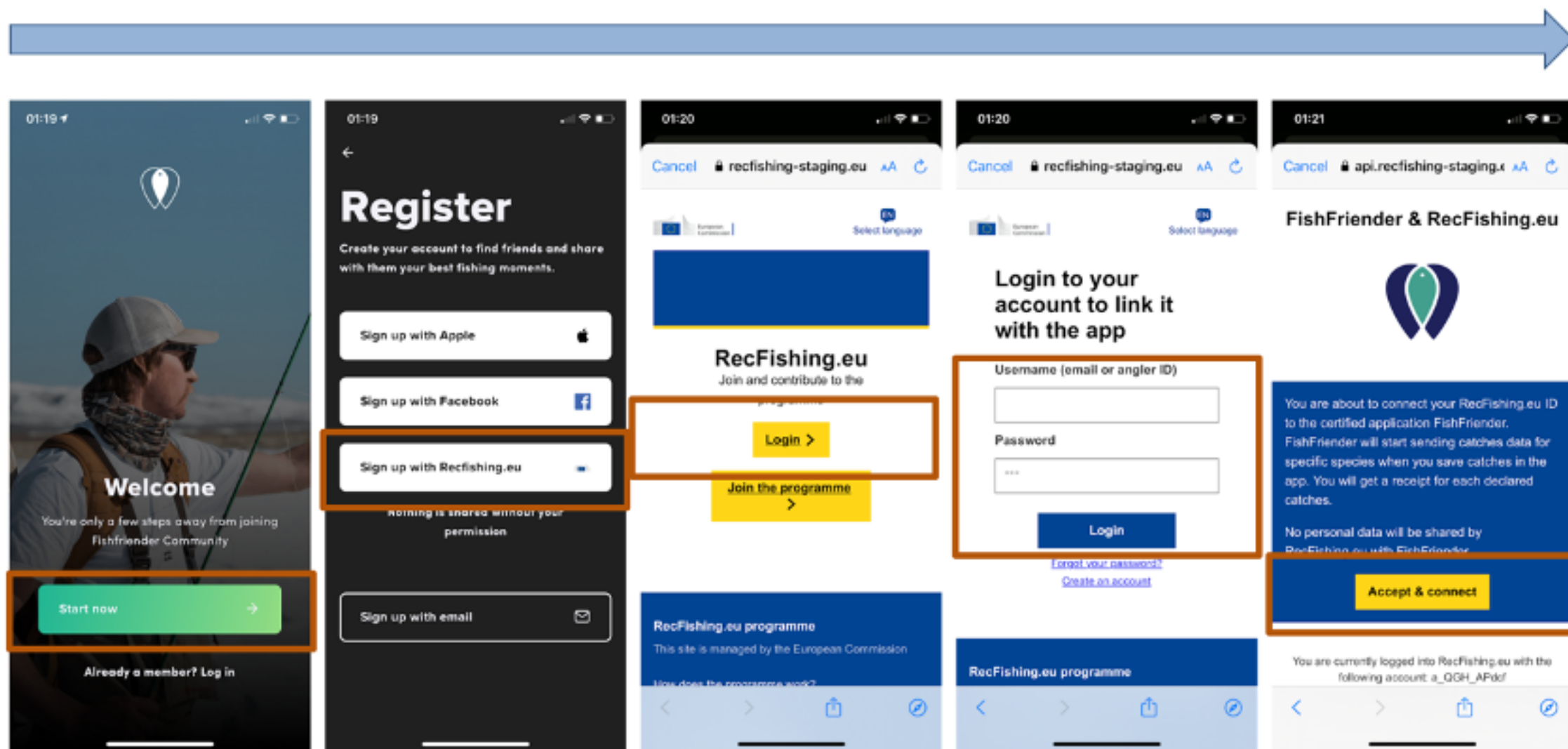
Are you member of a federation / club? (optional)  
Select   
[Fédération Nationale de la Pêche et des Pêches en mer \(FNPP\)](#)

Do you own a boat?  
No

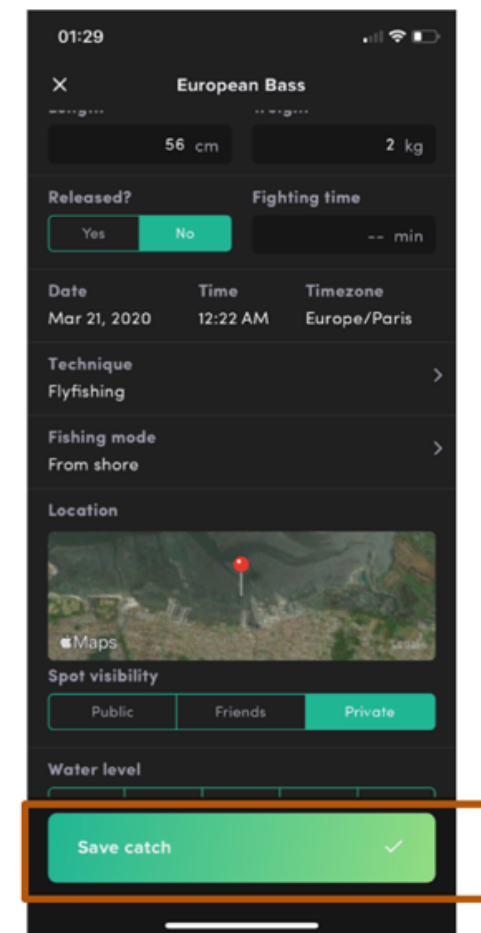
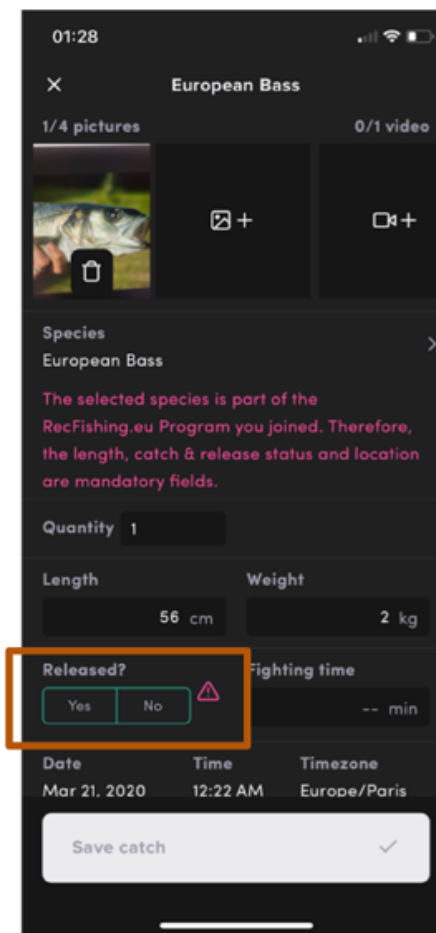
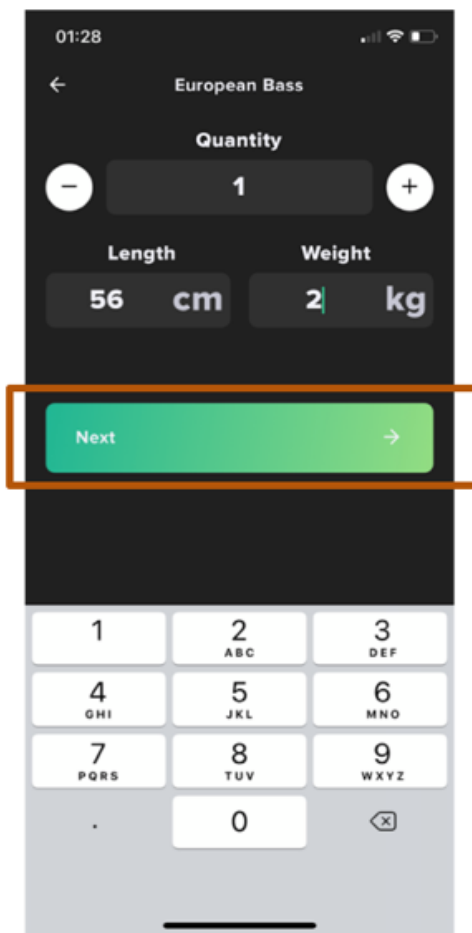
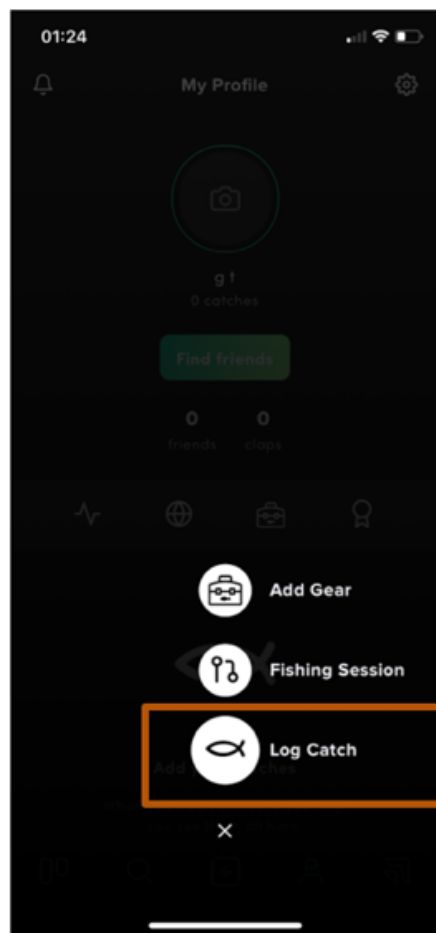
By joining the RecFishing.eu programme, I accept both Terms of Use and to share some data in accordance with our Data sharing policy.  
[Terms of use](#)  
[Data sharing policy](#)

The screenshot shows the user profile page. At the top left is the European Commission logo. At the top right is a language selection dropdown set to 'EN'. The page has a sidebar with 'My fisher profile' and 'Declaration history', and a 'Log out' button. The main content area shows user details: Identifier (redacted), Email (redacted), Birth year (1984), Country of residence (France), Zip code (75003), Anglers groups, and Owns a boat (No). There are buttons for 'Edit information' and 'Change password'.

# The declaration module in FishFriender – Link profile

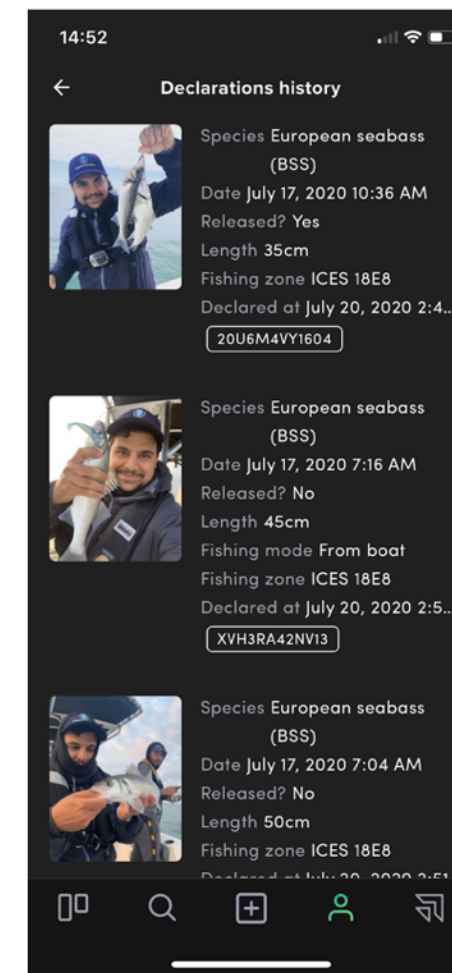
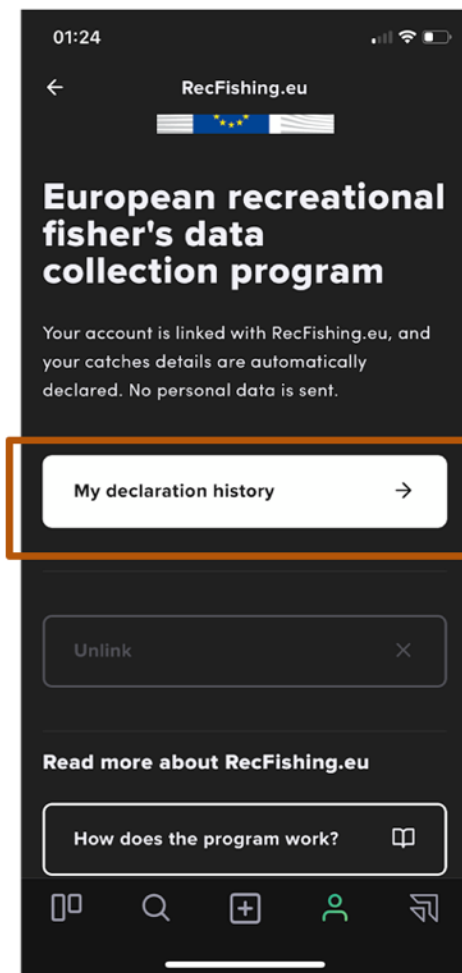
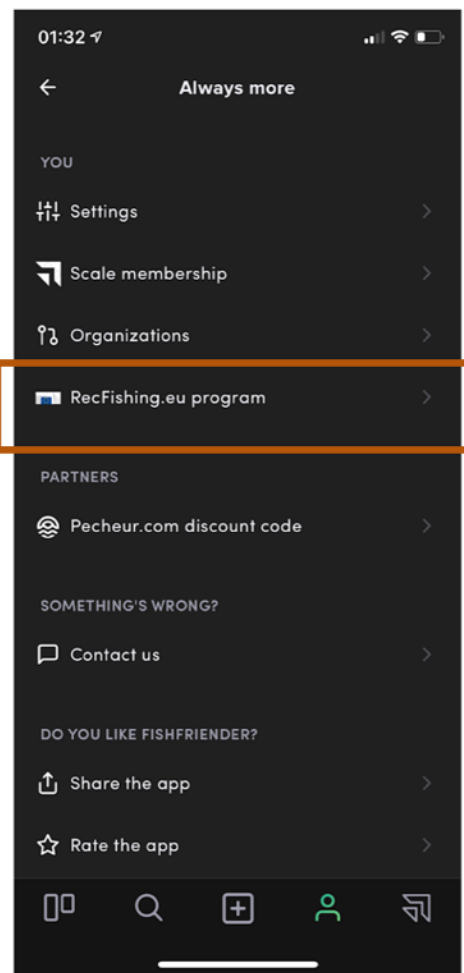
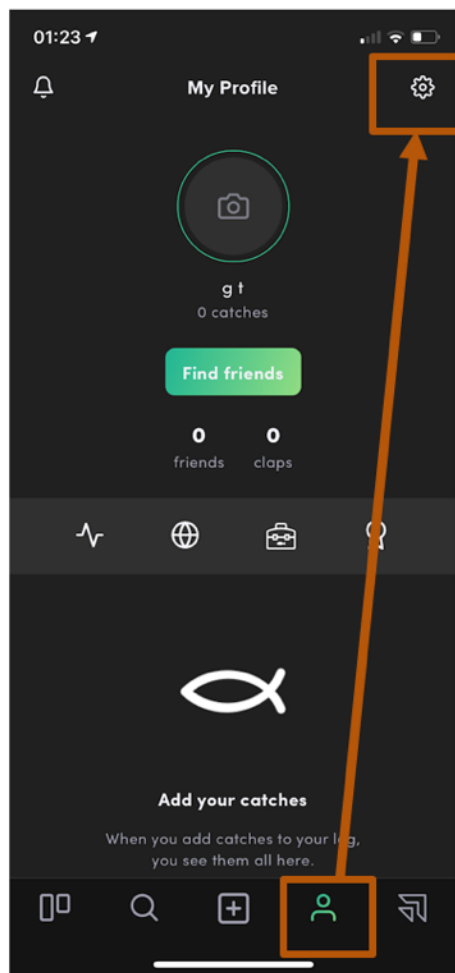


# The declaration module in FishFriender – Declare a catch






# The declaration module in FishFriender – View catch history



# The administration web portal: [admin.RecFishing.eu](http://admin.RecFishing.eu)



## Data export

Logged in EN Select language

From start of

January 2020

To end of

December 2020

Which species?

All species

Only those species

Select a fish speci

Dicentrarchus labrax (BSS)

Which areas?

All areas

Only those areas

Select an area

Download export in .CSV

My profile

Aggregated data

Data export

User management

Log out

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

## Data Export

**Aggregated data**

From start of

January  2020

To end of

December  2020

Which species?

All species

Only those species

Select a fish species  **Dicentrarchus labrax (BSS)**

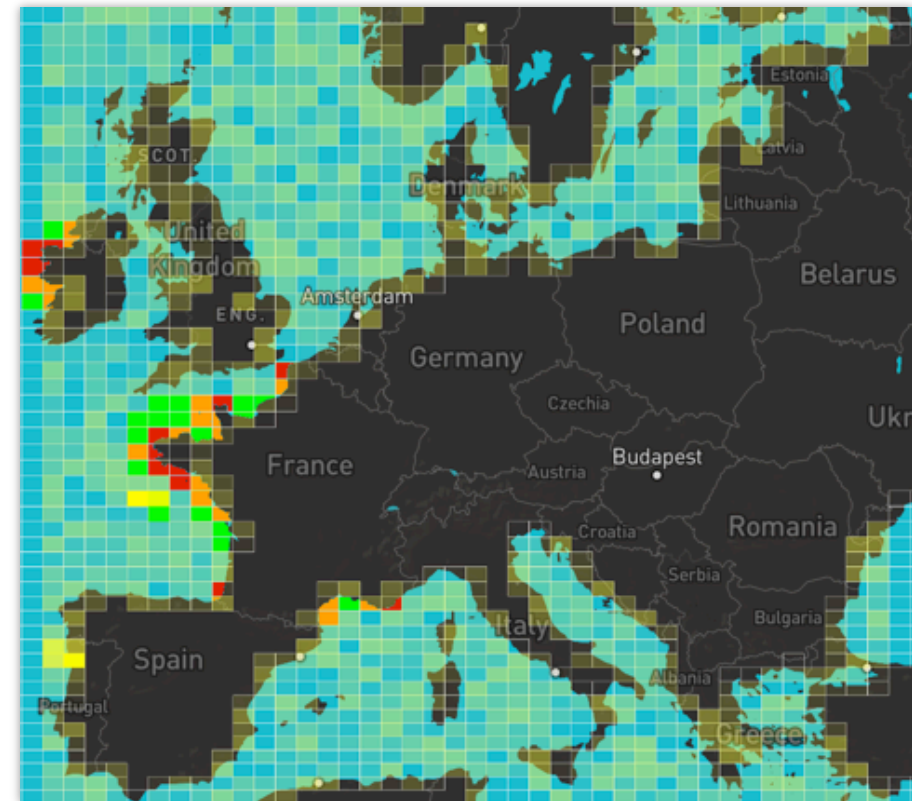
Which areas?

All areas

Only those areas

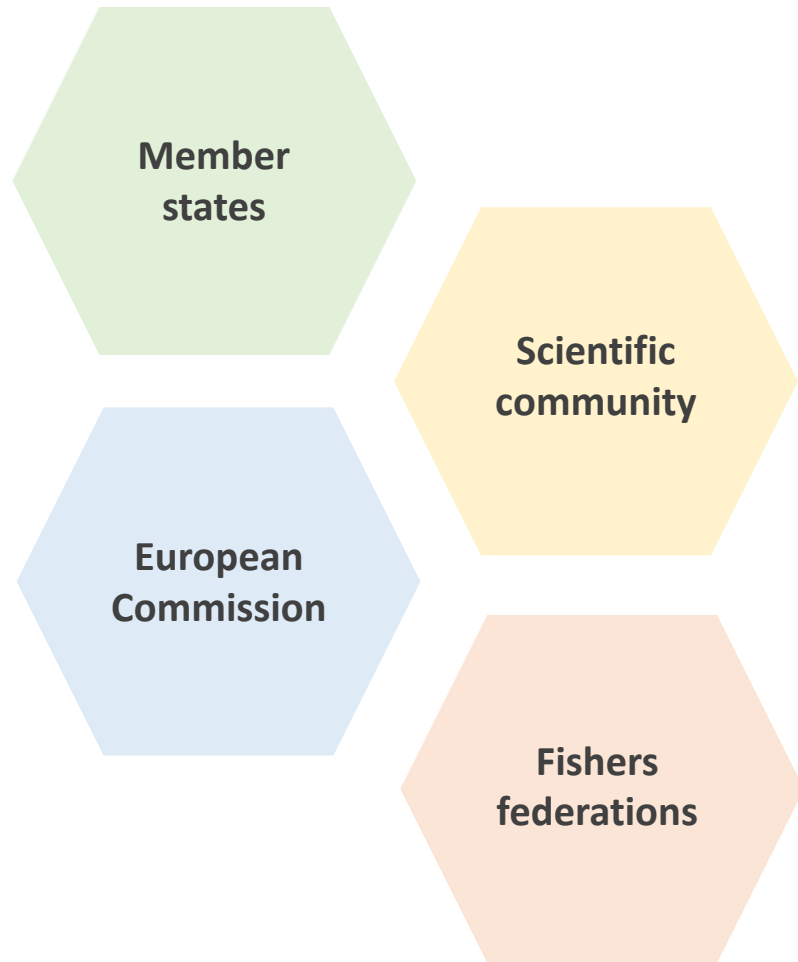


## Analysis for Reporting



**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

<b>Data aggregation</b>	By <b>species</b>
	By <b>period</b> of catch (monthly, daily...)
	By <b>place</b> of catch (country, ICES/FAO)

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

# Does RecFishing.eu work?

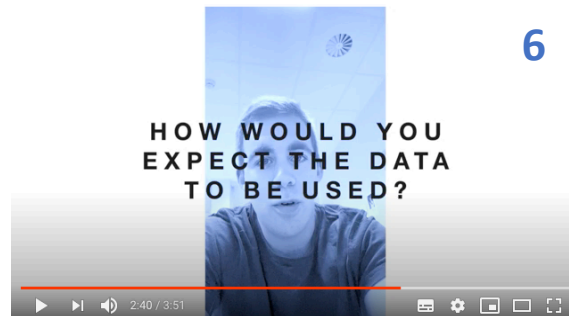
Live testing

Deployed in  
October 2020





# Testimonials from fishers



# Programme deployment

As of 4<sup>th</sup> of November 2020

124



Registrations

#

242 

Catches

#

All 6.464 ICES &  
1.534 GFCM zones

supported zones

#

 Belgium  Italy  
 France  Norway

Pioneer  
countries



# 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)

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](https://fishfriend.com/RecFishing)  
[contact@recfishing.eu](mailto:contact@recfishing.eu)

# RecFishing.eu



## Data export

Logged in EN Select language

From start of

January ▼ 2020 ▼

To end of

December ▼ 2020 ▼

Which species?

- All species  
 Only those species

Select a fish speci ▼

Dicentrarchus labrax (BSS) ⊗

Which areas?

- All areas  
 Only those areas

Select an area ▼

Download export in CSV

My profile

Aggregated data

Data export

User management

Log out

