



**FUEL CELLS AND HYDROGEN**  
JOINT UNDERTAKING

# **Knowledge Management**

**Coordinators' Day**

**Eleni Zafeiratou**

13/09/2018





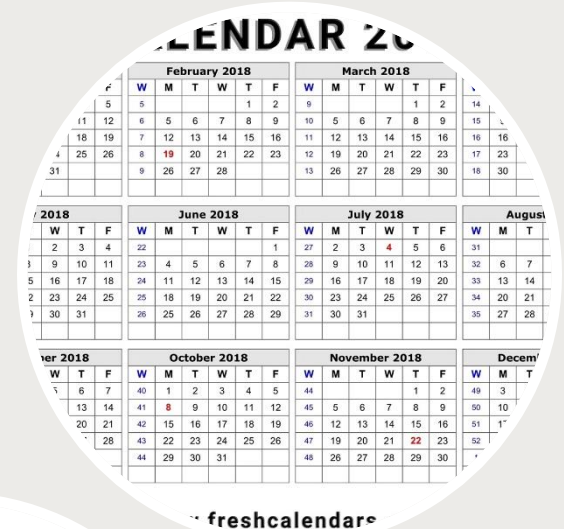
# Overview of the FCH JU Data Collection Exercise

When, Who, How, What ???



## When?

- Once a year, around April –June, projects will have 5-7 weeks to submit the data



## Who?

- Project Coordinators are in charge of coordinating the exercise, they could/should delegate the task(s) to other members of the consortia according to their roles



## How?

- EU-Survey Platfrom
- TRUST tool



## What?

- Qualitative Data (objectives, targets, plans, activities etc)
- Quantitative Data (operational, descriptive, performance data)



# The most important question is: Why ?

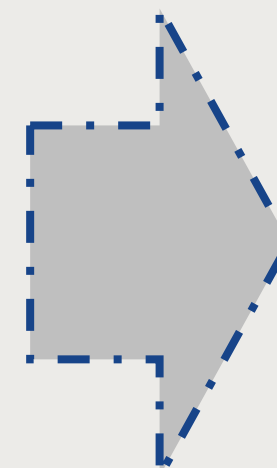
Requirement for data



*-Data reporting is a grant agreement obligation  
-To be introduced in the WT2 list of deliverables*

A lot of info is available but...

- Not reported in **centralised** manner
- Not reported in **consistent** manner



- To have an overview of FCH JU achievements
- **Important content for:** the annual Programme Review

**To decide the way forward:**

- Gaps in knowledge
- New directions based on new information
- New calls for proposals.. New grants...
- Project for Policy
- To justify to the European Commission the money spent

**NEED for: Structured capture of data and other knowledge created with FCH JU funding**

# FCH JU Data Collection Structure



Project Coordinator  
Latest Data



## EU-SURVEY

Online Questionnaire asking for:

- General Information
- Progress, Impact, SoA,
- Interactions with other projects & initiatives
- Dissemination and communication activities, exploitation plans, IP etc
- One per project

April-June



Programme Review Analysis  
Performed by JRC  
June-February



## TRUST\*

- User-friendly, secure online tool
- Project 1 or more ROs
- One template per research object (RO)
- One or more data providers per RO
- Descriptive & Operational data
- Public or Confidential data
- Improvements are coming..!

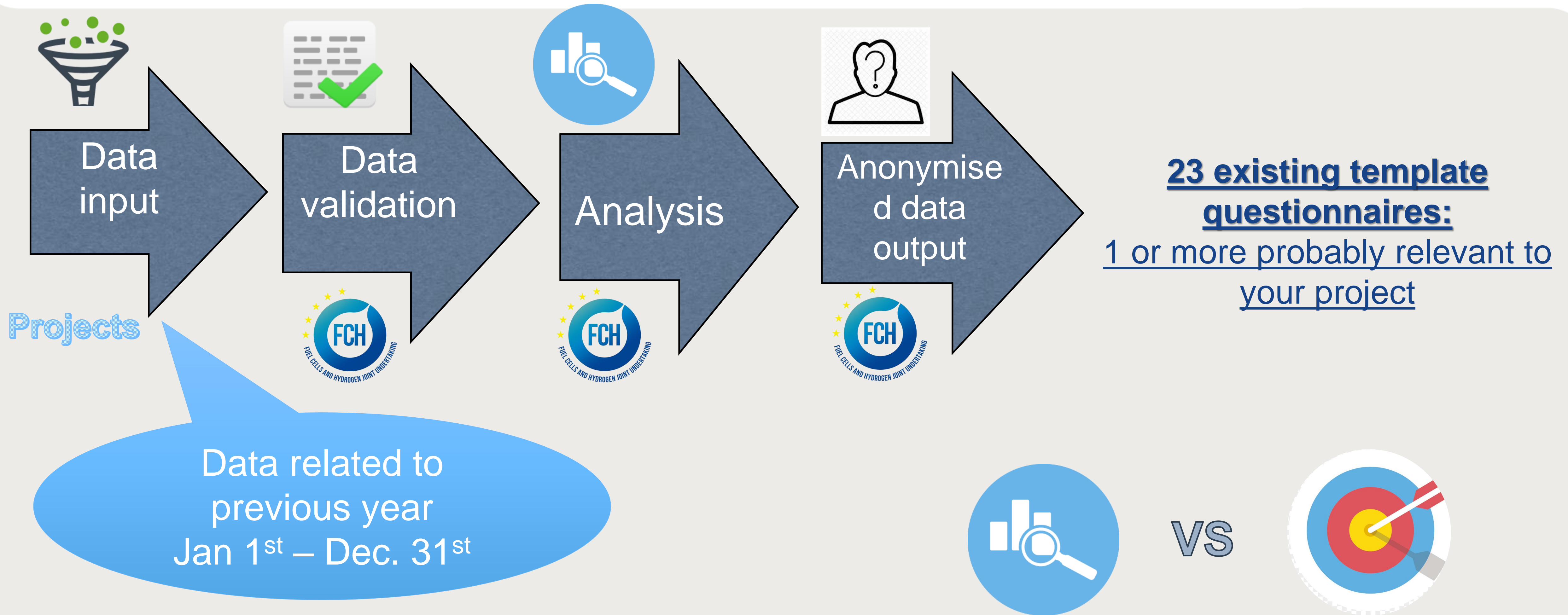
Previous Calendar Year  
Data Provider





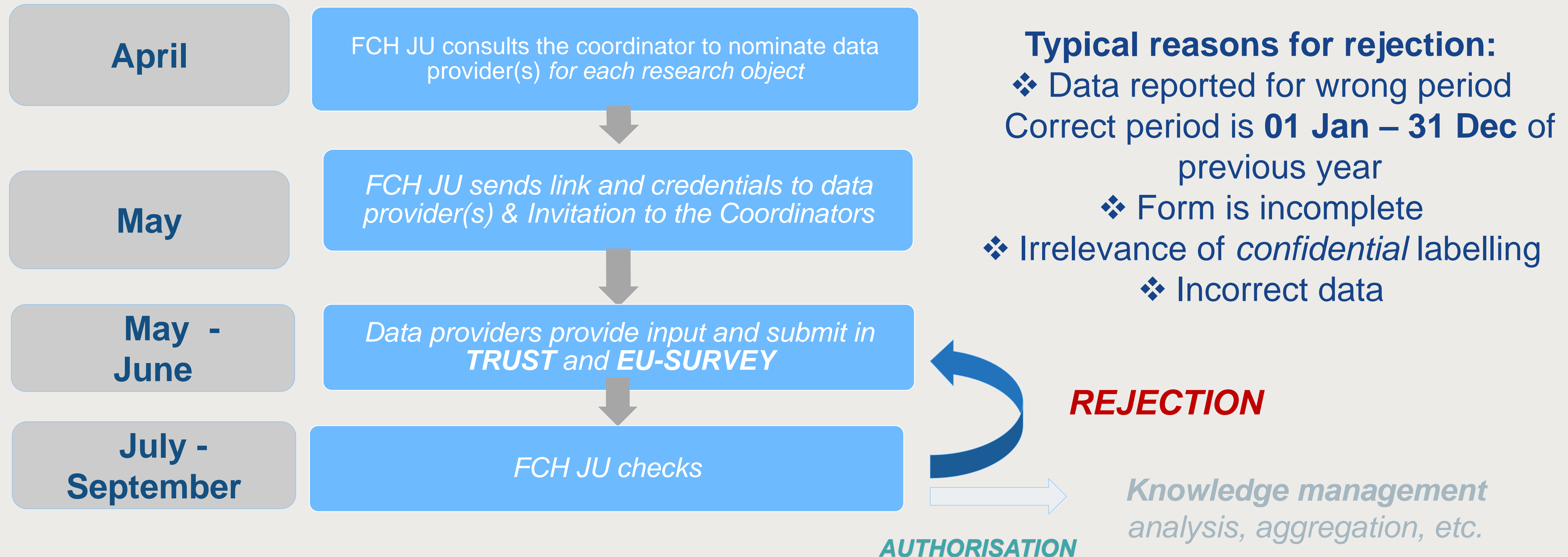
# Technology Reporting Using Structured Templates (TRUST)

Process ( Part 1)



# Technology Reporting Using Structured Templates (TRUST)

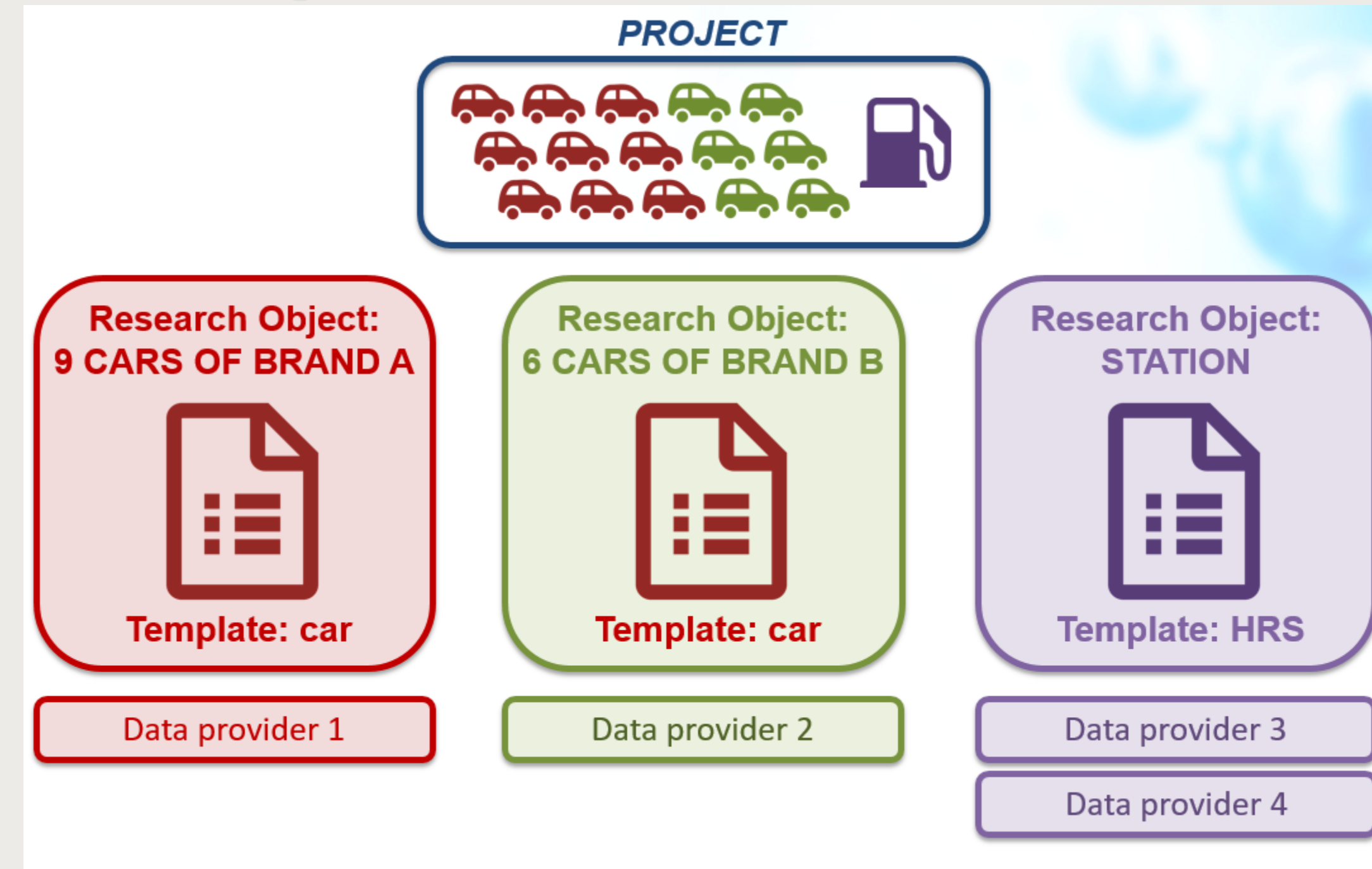
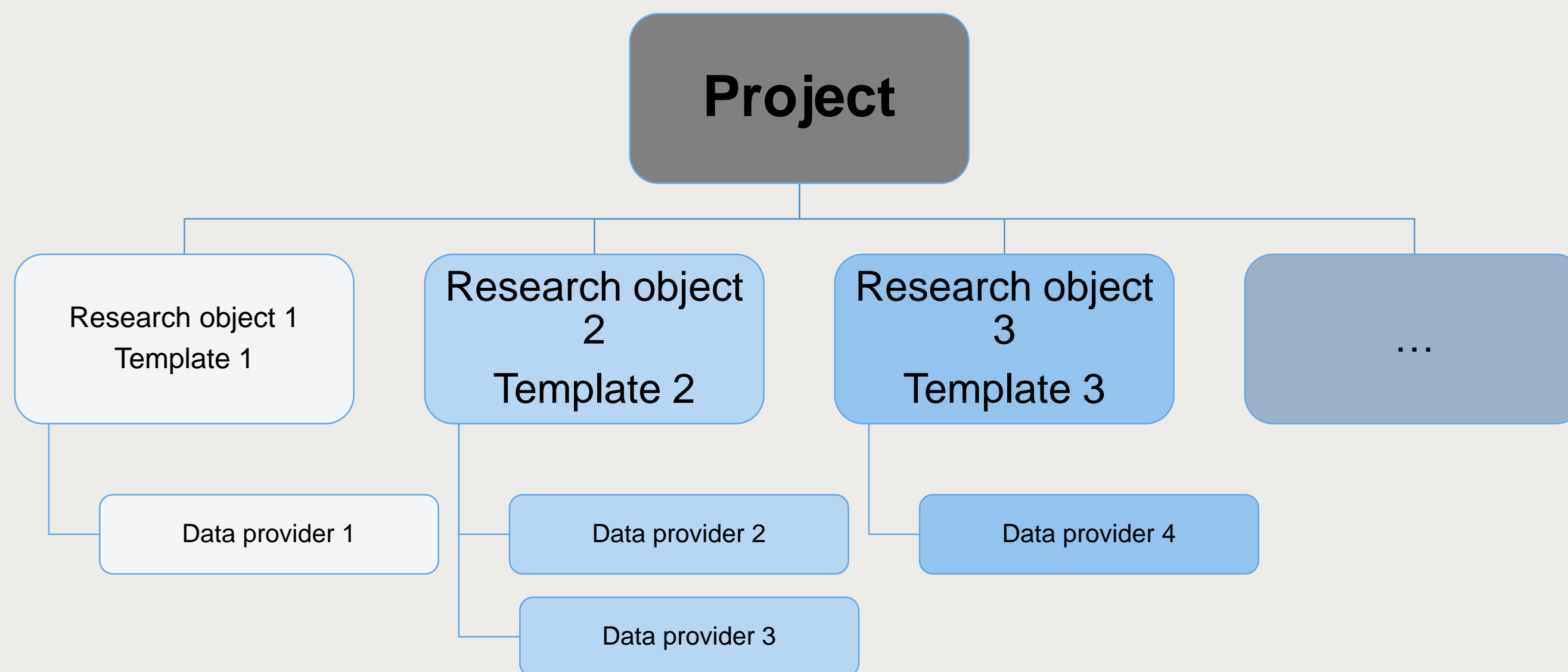
Process (Part 2)



# Structure of TRUST Research Objects

- 1. The project is divided into research objects in agreement with its scope*
- 2. Each research object is associated to a template questionnaire*
- 3. For each research object, 1 or more data provider(s) is/are nominated by the project coordinator to provide data*
- 4. The data providers are contacted - receive weblink, credentials and instruction to participate in the data collection*

## Example:





# Example of TRUST template

## PARAMETER

Descriptive Parameters			
	Data provider comment	FCH JU comment	Confidentiality level
<b>Physical state of the hydrogen in the storage tank</b> 1 State of H2 in storage tank <input checked="" type="radio"/> CGH2 - compressed gas <input type="radio"/> CCH2 - cryo-compressed <input type="radio"/> LH2 - liquid <input type="radio"/> Solid state hydrogen <input type="radio"/> Other (specify in the comment field)			Public
2 Tank type <input type="radio"/> Type I: Full metal <input type="radio"/> Type II: Metallic with composite reinforcement <input type="radio"/> Type III: Composite with metallic liner <input checked="" type="radio"/> Type IV: Composite with polymeric liner <input type="radio"/> Type V: Full composite <input type="radio"/> Other (specify in the comment field)			Public
<b>Storage tank material</b> 3 Carbon fibre composite (filament wound)	external layer is glass fibre composite,		Public
<b>Internal lining material</b> 4 Polyamide (Ubenylon 1218IU)			Public

- The FCH JU will not disclose publically any individual confidential data without prior consent of the coordinator.
- Confidential data may be aggregated with other comparable data received from other projects to produce anonymised output values.

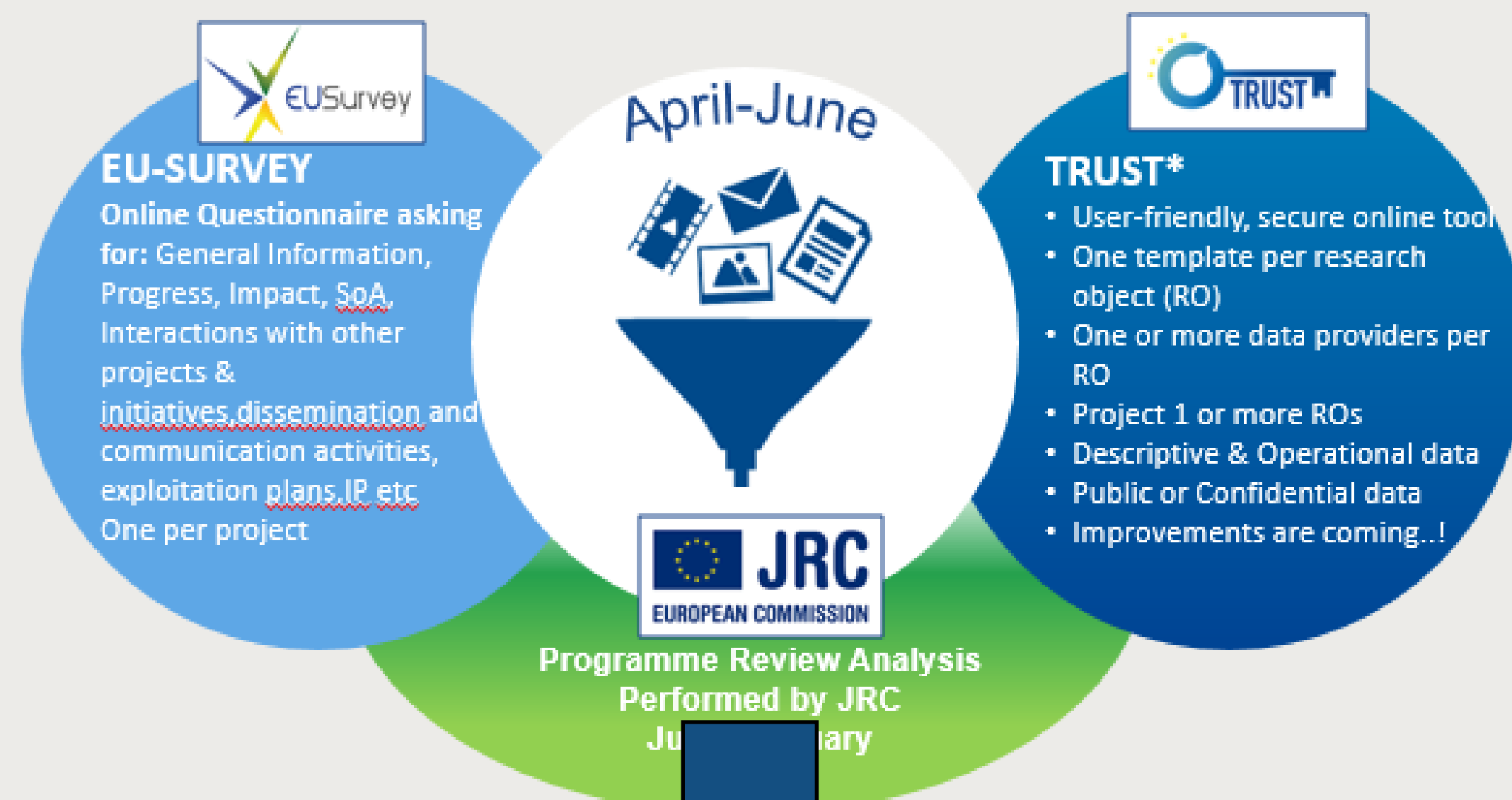


\* according to article 36 in the Model grant agreement for H2020



# Annual Programme Review

EU-Survey Questionnaire & Programme Review Days



-Input for Project Posters  
-Input for Oral Presentation presented  
by Projects & FCH JU  
Programme Review Report

Includes the event “Programme Review Days”

- This year: 14-15 November, 2018, Brussels
- Projects are asked to manage a poster on progress vs programme objectives
- Selected projects give oral presentations

## 2018 projects

- Active participation (poster, presentation) from 2020
- Attendance is welcomed every year!



# Thank you for your attention



## FUEL CELLS AND HYDROGEN JOINT UNDERTAKING

### Eleni Zafeiratou

Knowledge Management Officer

[eleni.zafeiratou@fch.europa.eu](mailto:eleni.zafeiratou@fch.europa.eu)

[Fchju\\_trust@fch.europa.eu](mailto:Fchju_trust@fch.europa.eu)

[prd@fch.europa.eu](mailto:prd@fch.europa.eu)

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### For futher information

[www.fch.europa.eu](http://www.fch.europa.eu)

[www.hydrogeneurope.eu](http://www.hydrogeneurope.eu)

[www.neghy.eu](http://www.neghy.eu)



@fch\_ju



Fch-ju@fch.europa.eu



FCH JU