



**FUEL CELLS AND HYDROGEN**  
JOINT UNDERTAKING

# Annual Data Reporting

Knowledge Management

Coordinators' Day

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10/09/2020



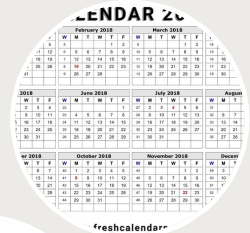
# Overview of the FCH JU Data Collection Exercise

When, Who, How, What ???



## When?

- Once a year, around April –June, projects will have 4-6 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
- FCH JU website



## What?

- Qualitative Data (objectives, targets, plans, activities etc)
- Quantitative Data (operational, descriptive, performance data)
- Visual material (pictures, graphs, videos)



# The most important question is: Why ?

Requirement for data

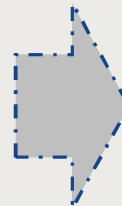


-Data reporting is a grant agreement obligation  
-To be introduced in the WT2 list of deliverables

- Programme & Technology monitoring
- **Important content for: the annual Programme Review**
- To decide the way forward:**
  - Project results' for Policy
  - Address Gaps in knowledge
  - New directions based on new information
  - New calls for proposals/New grants...
- To show the impact of EU budget spent for R&I activities

A lot of info is available but...

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



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

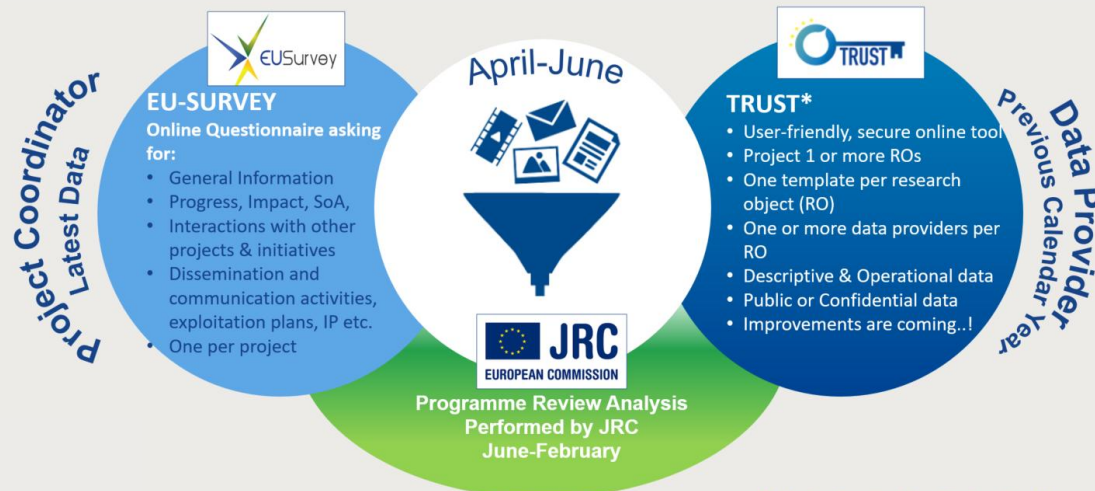


VS



# Annual Programme Review

EU-Survey Questionnaire & Programme Review Days



*\*Technology Reporting Using Structured Templates*



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



Includes the event “Programme Review Days”

- This year: 23-24 November 2020, Brussels
- All ongoing projects will have a poster (coordinators may be asked to hold a poster session -TBC)
- Selected projects give oral presentations

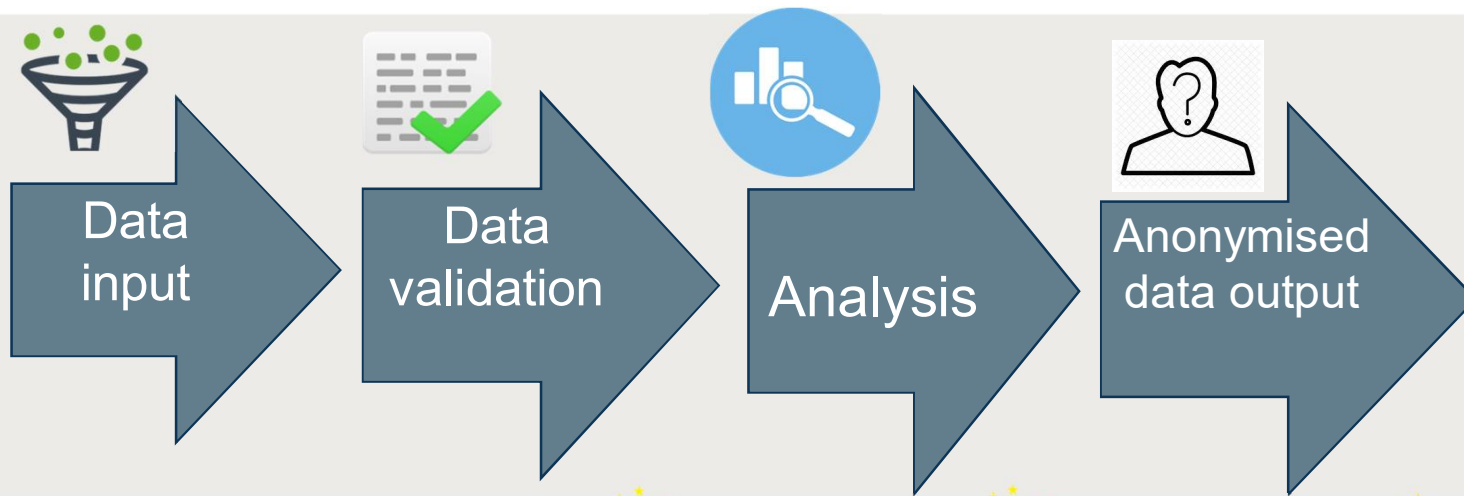


## 2020 projects

- Expected active participation (poster, presentation) from 2022
- Attendance is welcomed every year!

# Technology Reporting Using Structured Templates (TRUST)

Process ( Part 1)



**23 existing template questionnaires**  
(2 new under preparation):  
**1 or more probably relevant to your project**



Available on:

<https://www.fch.europa.eu/projects/knowledge-management>

Roles:

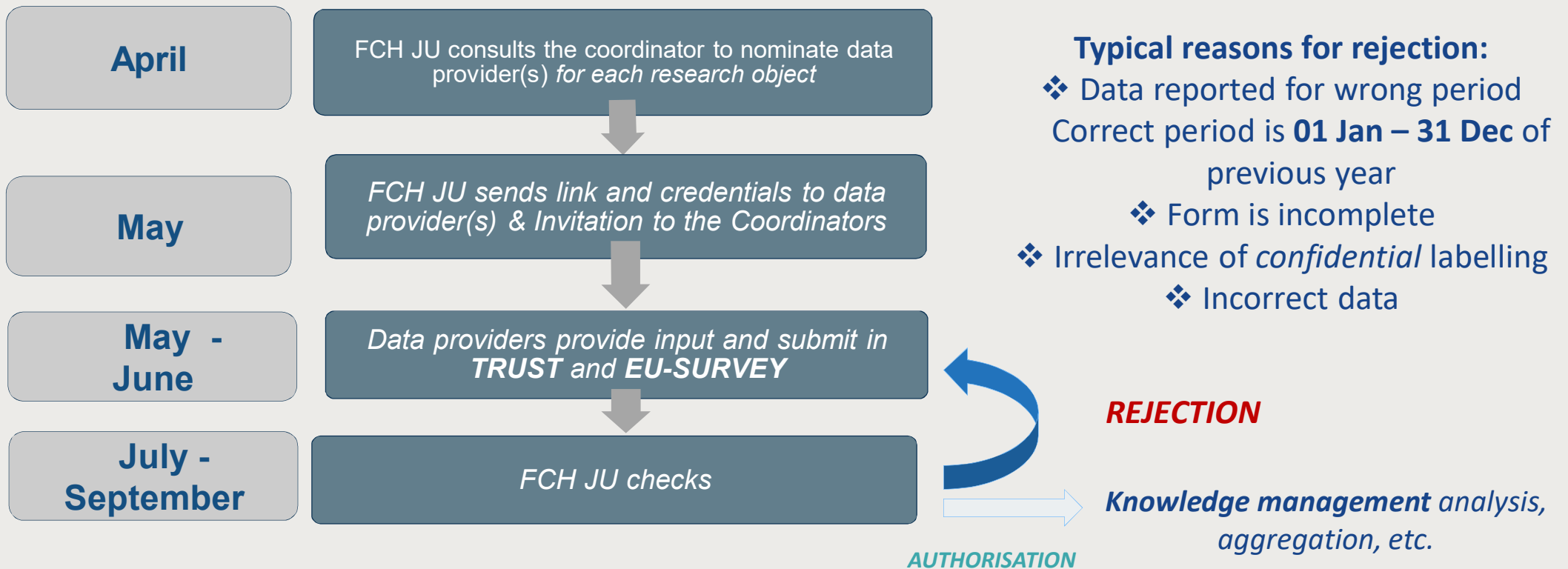
Projects



Data related to previous year  
Jan 1<sup>st</sup> – Dec. 31<sup>st</sup>

# Technology Reporting Using Structured Templates (TRUST)

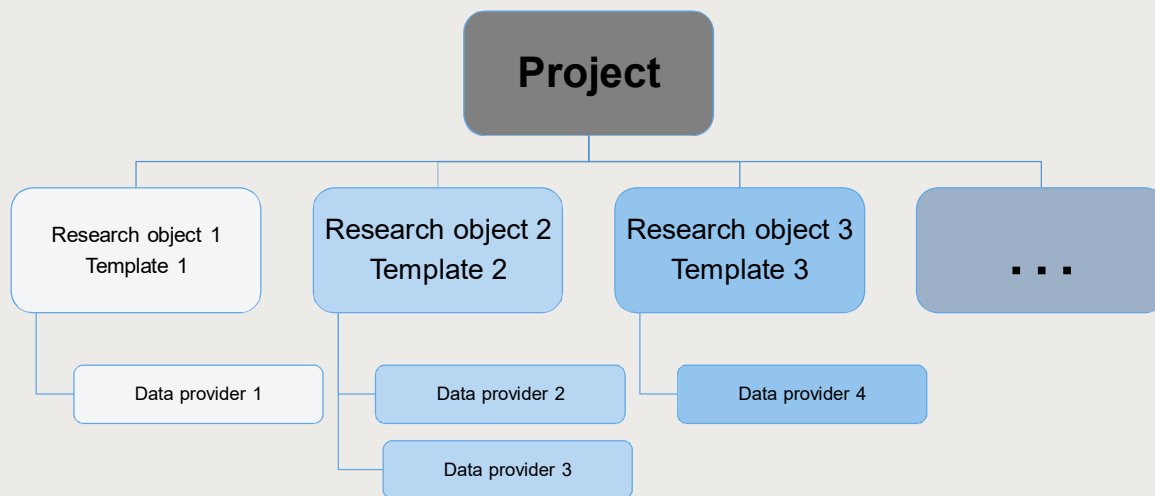
Process (Part 2)



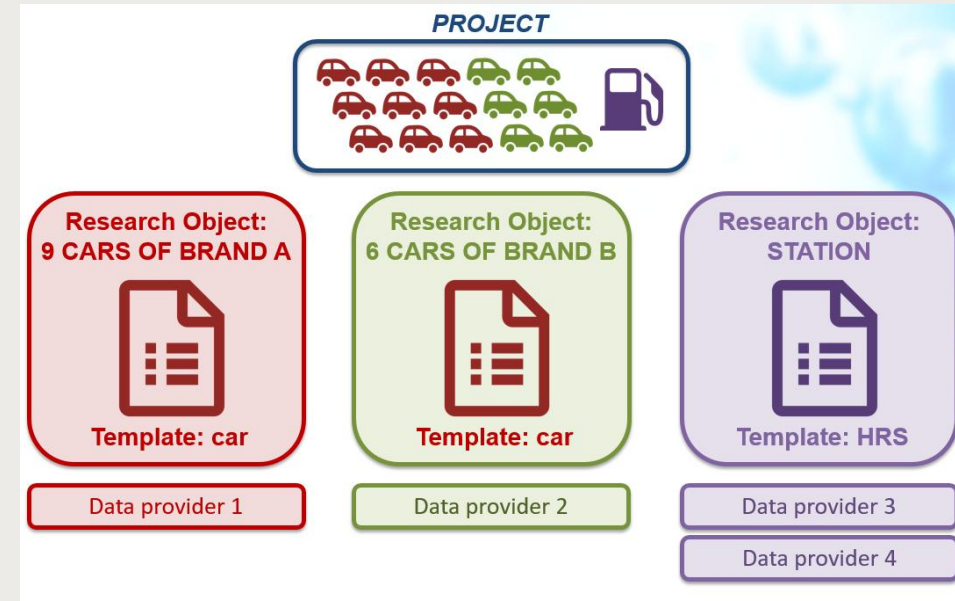
# Structure of TRUST Research Objects



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			
<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)	Data provider comment	FCH JU comment <b>Confidentiality level</b>
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)		
<i>Storage tank material</i>			
3	Carbon fibre composite (filament wound)	external layer is glass fibre composite,	
<i>Internal lining material</i>			
4	Polyamide (Ubenylon 1218IU)		

- 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