



FUEL CELLS AND HYDROGEN
JOINT UNDERTAKING

Annual Data Reporting

Knowledge Management

Coordinators' Day

Eleni Zafeiratou

19/09/2019



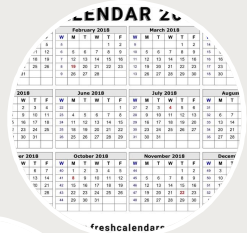
Overview of the FCH JU Data Collection Exercise

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 Platform
- 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

A lot of info is available but...

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



- Programme & Technology monitoring
- **Important content for: the annual Programme Review**

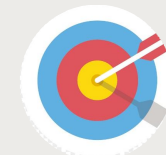
To decide the way forward:

- Project results' for Policy
- Address Gaps in knowledge
- New directions based on new information
- New calls for proposals.. New grants...
- To justify the money spent for R&I activities

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

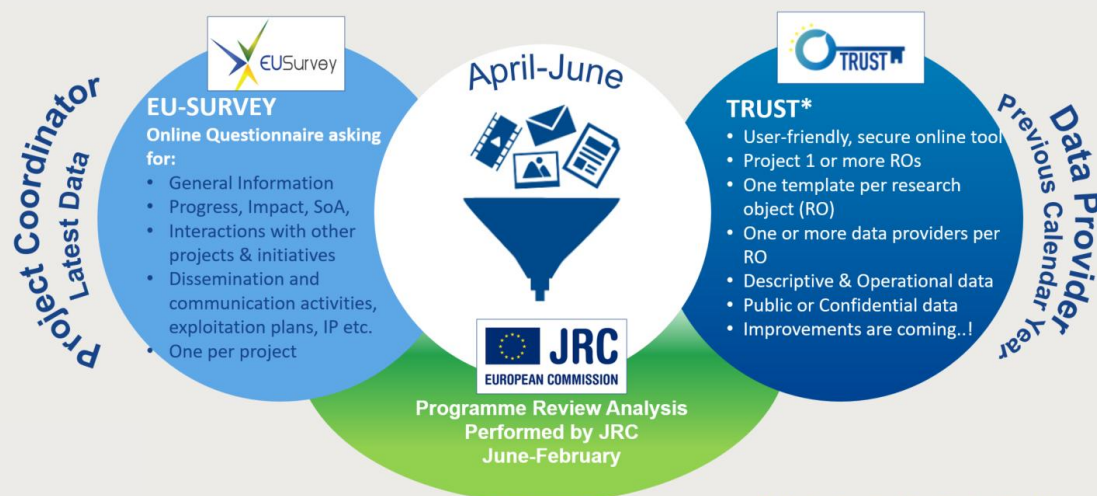


VS



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: 19-20 November, 2019, Brussels
- Projects are asked to man a poster on progress vs programme objectives
- Selected projects give oral presentations

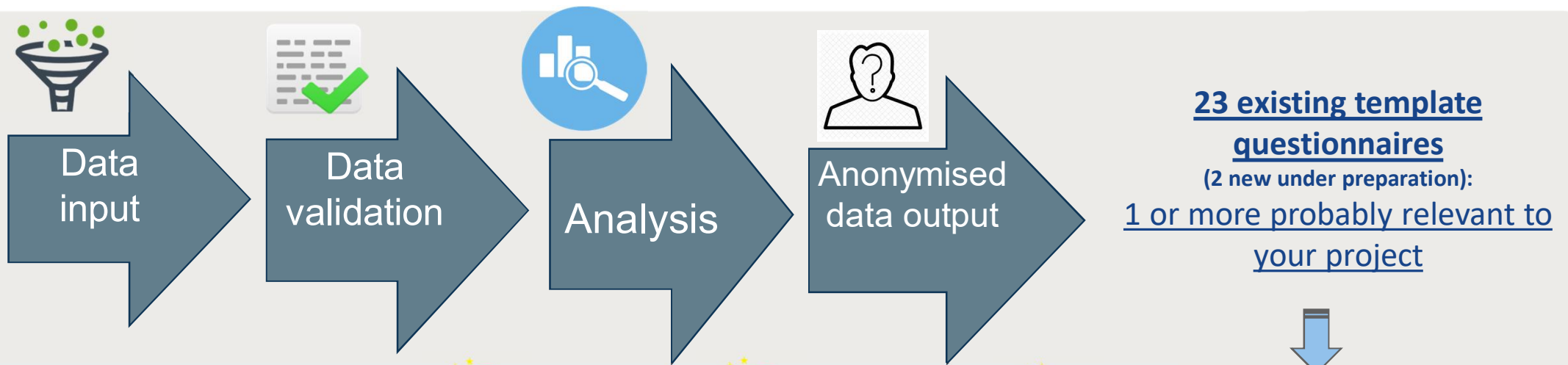


2019 projects

- Active participation (poster, presentation) from 2021
- Attendance is welcomed every year!

Technology Reporting Using Structured Templates (TRUST)

Process (Part 1)



Roles:

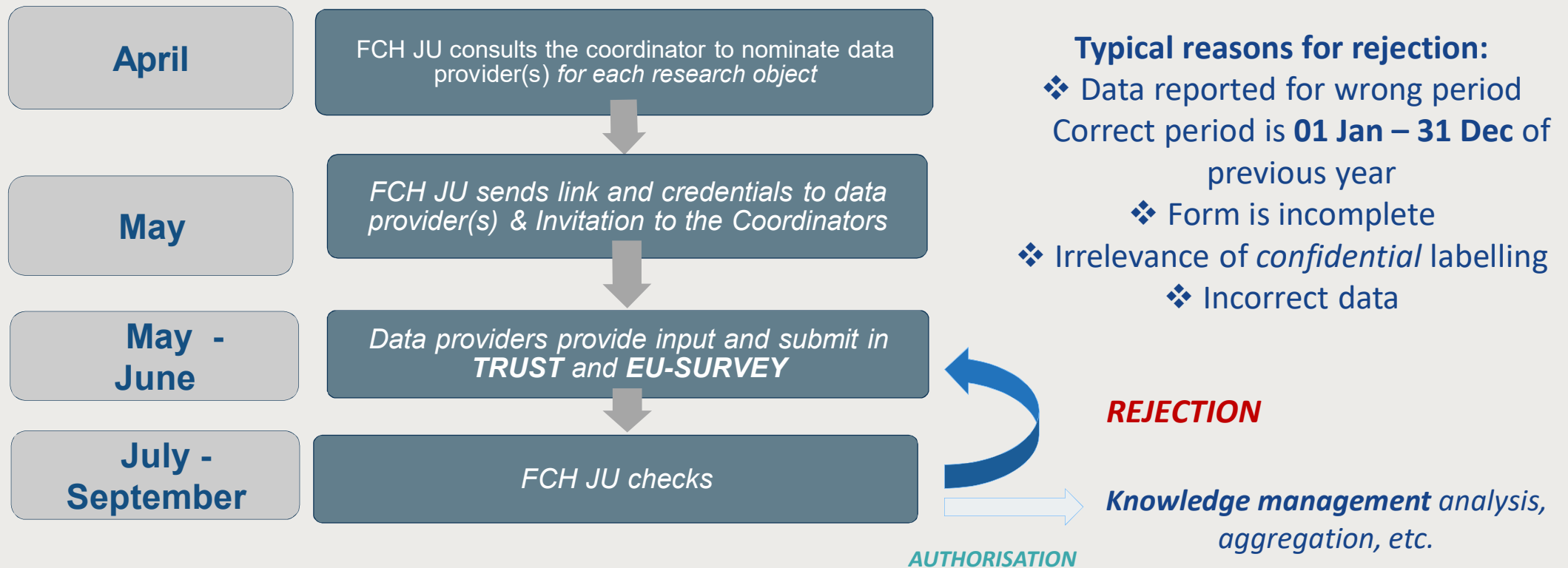
Projects

Data related to
previous year
Jan 1st – Dec. 31st



Technology Reporting Using Structured Templates (TRUST)

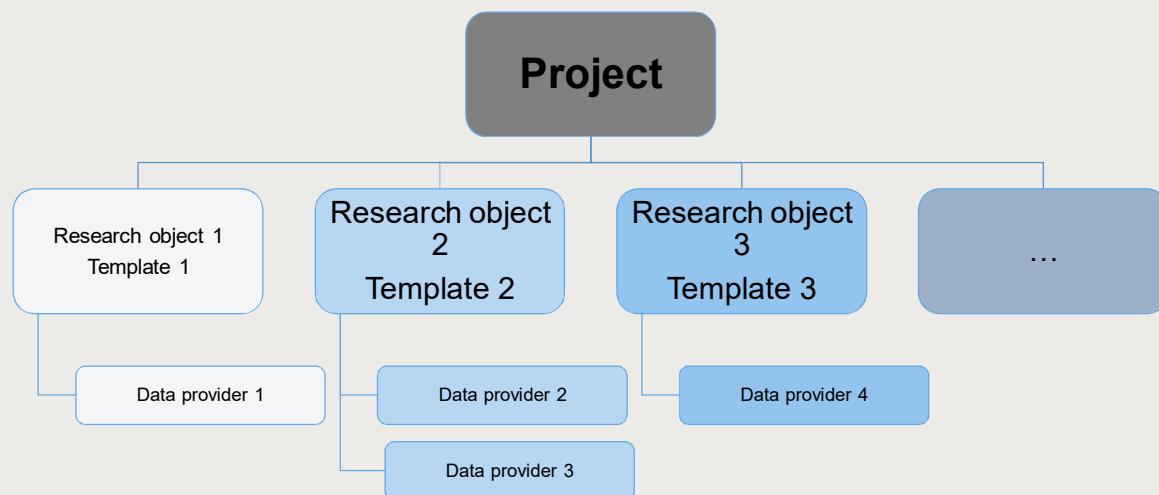
Process (Part 2)



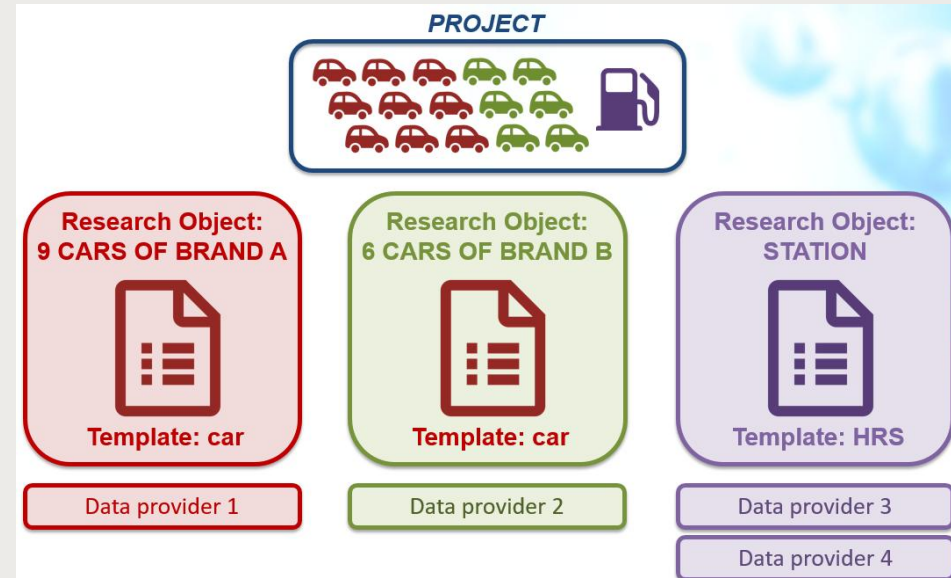
Structure of TRUST Research Objects



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			
Physical state of the hydrogen in the storage tank			
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
			Public Confidentiality level
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
Storage tank material			
3	Carbon fibre composite (filament wound)	external layer is glass fibre composite,	Public
Internal lining material			
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**.



Thank you for your attention



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FCH JU