



KNOWLEDGE MANAGEMENT

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<http://www.fch.europa.eu/>



2 main aspects

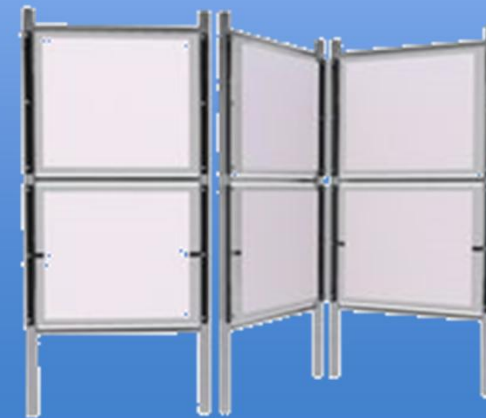
Data collection

Once per year, for previous
calendar year



Annual programme review

Culminating in Programme
review days (November)



FCH JU data collection

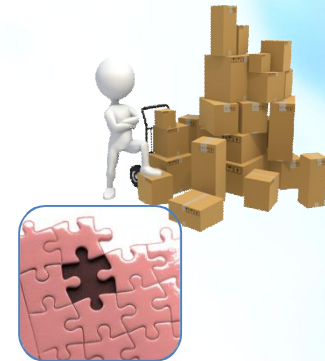
= Structured capture of data and other knowledge created with FCH JU funding



A lot of info is available but...

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

And a lot of info is not reported at all !



- To have an overview of FCH JU achievements
- To decide the way forward
 - Gaps in knowledge
 - New directions based on new information
 - New calls for proposals.. New money...
- To justify to the European Commission the money spent

Your role: provide data

Online

FCH JU secure software

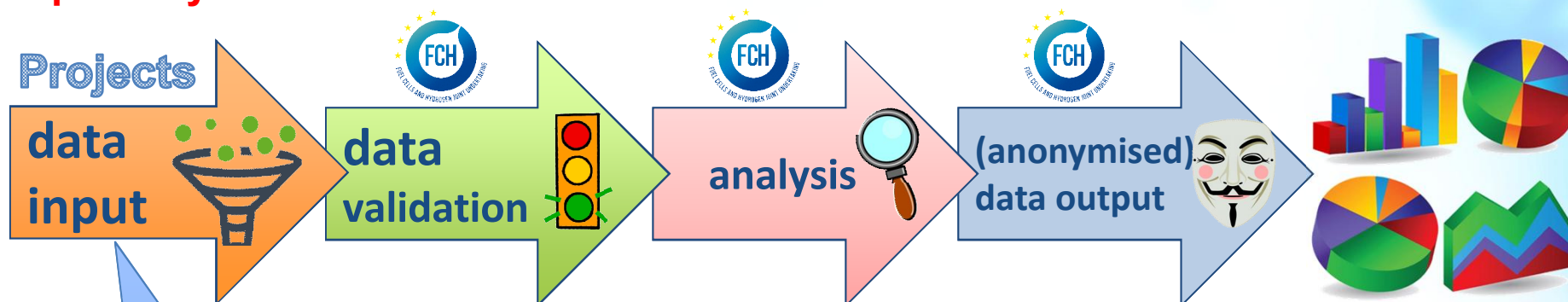


According to template questionnaires related to project content

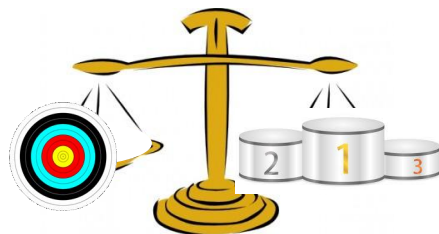


Workflow

April-May



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



targets

state-of-art

Why would you give us data?

- 1) Because you are grateful of the support received by the FCH JU



- 2) Because you have to !!

Deliverables to be included in the Description of Action (DoA)

**Every year
(Mar-April)**

**For Call 2017 projects:
Starting in **2019****



What data?

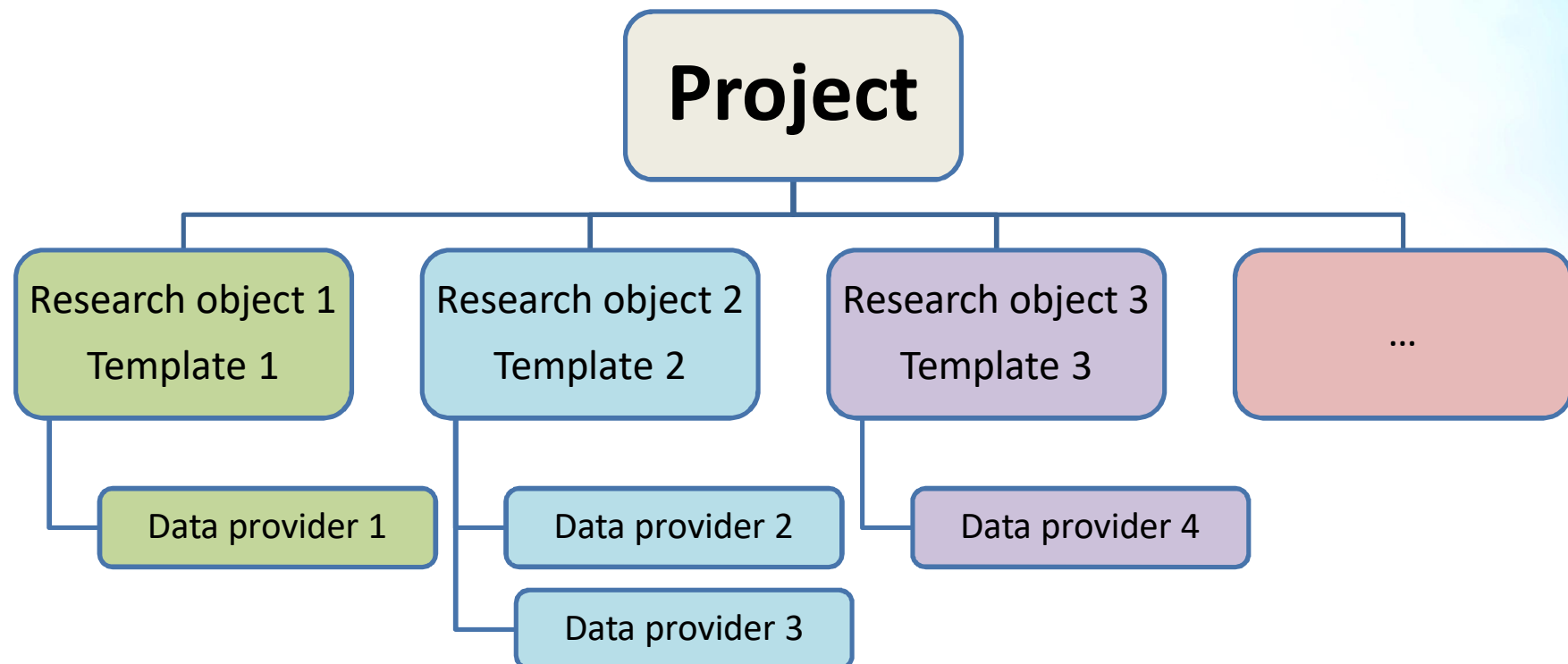
Data according to template questionnaire(s) related to the nature of the project.

22 existing template questionnaires:
1 or more probably relevant to your project

- APU demo
- CGH2 storage tank
- Diagnostics - electrolysis
- Diagnostics - fuel cells
- Education
- Electrolyser demonstration
- Electrolyser research at stack level
- Electrolyser research at system level
- FC & plug-in car demo
- FC bus demo
- FC car demo
- FC MHV demo
- Fuel cell research at stack level or lower
- Fuel cell stack manufacturing
- Fuel cells research at system level
- HRS demo
- HRS research
- H2 production demo (excl. electrolysis)
- H2 production res. (excl. electrolysis)
- mCHP
- PNR
- Stationary, general

In practice

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



In practice: example

PROJECT



**Research Object:
9 CARS OF BRAND A**



Template: car

Data provider 1

**Research Object:
6 CARS OF BRAND B**



Template: car

Data provider 2

**Research Object:
STATION**



Template: HRS

Data provider 3

Data provider 4

Example

PARAMETER

Data provider
comment

FCHJU
comment

Confidentiality
level

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) | | | 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 | ▼ |
| 3 | Storage tank material
Carbon fibre composite (filament wound) | external layer is glass fibre composite, | | Public | ▼ |
| 4 | Internal lining material
Polyamide (Ubenylon 1218IU) | | | Public | ▼ |

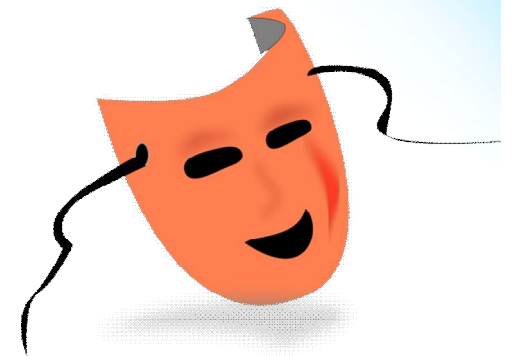
Confidentiality

When you enter the data, there is the possibility to mark the parameters as *public* or *confidential*

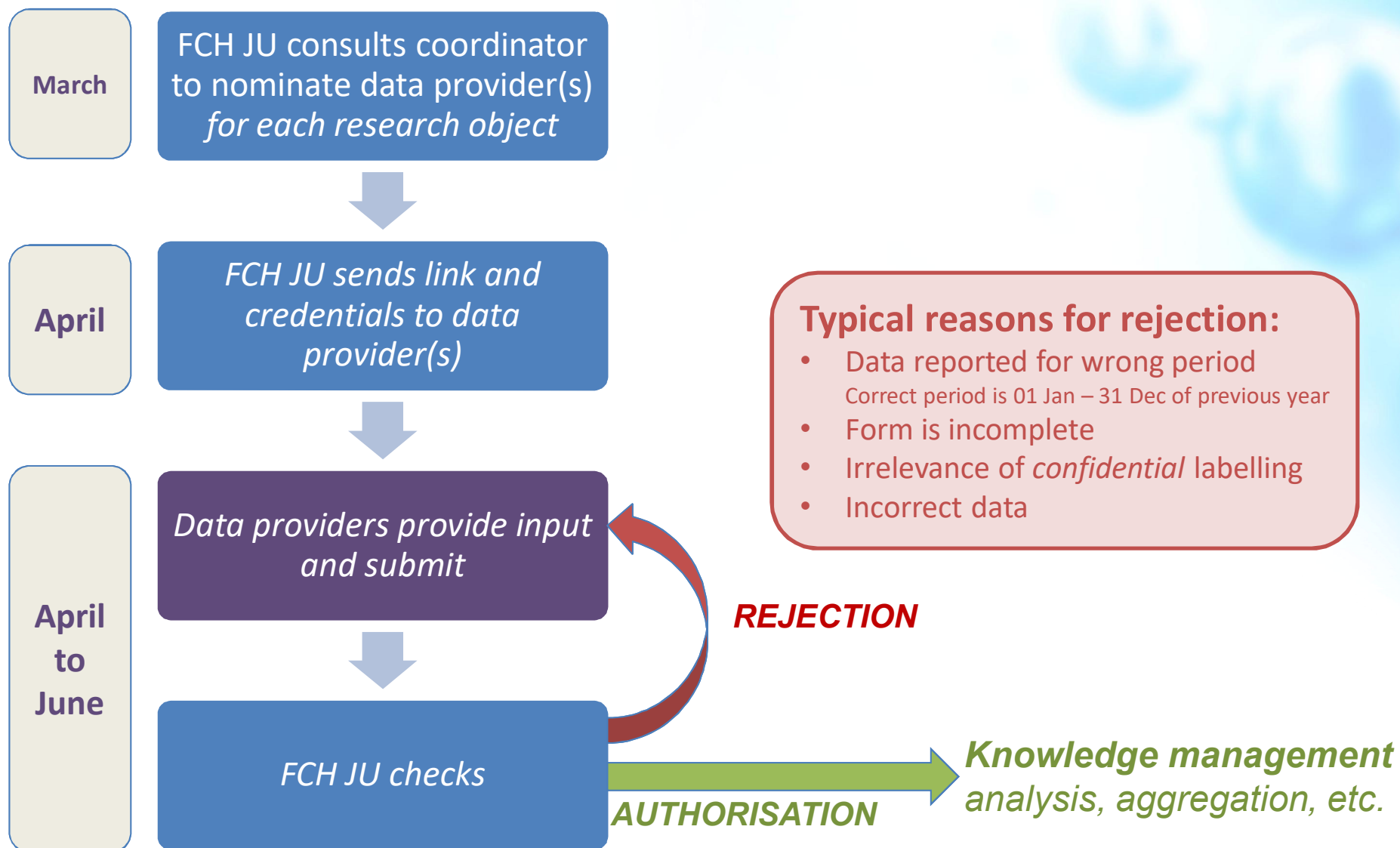


The FCH JU will never disclose any individual confidential data without prior explicit consent of the coordinator (on behalf of the consortium)

Confidential data may be aggregated with other comparable data received from other projects to produce anonymised output values from which it is not possible to work backwards to obtain the original confidential values



Process



We look forward to your input



(Starting in April 2019)

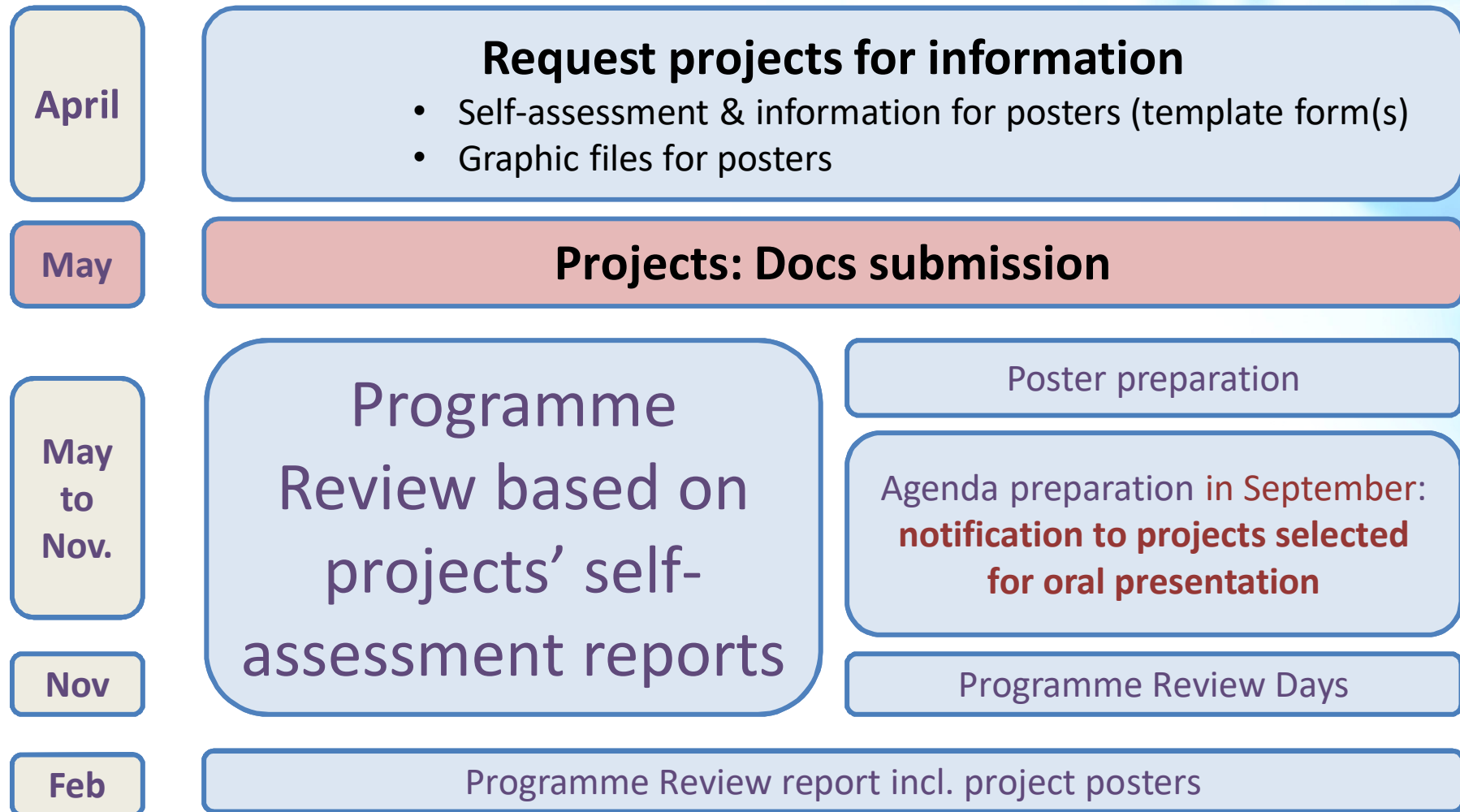
FCH JU Programme Review

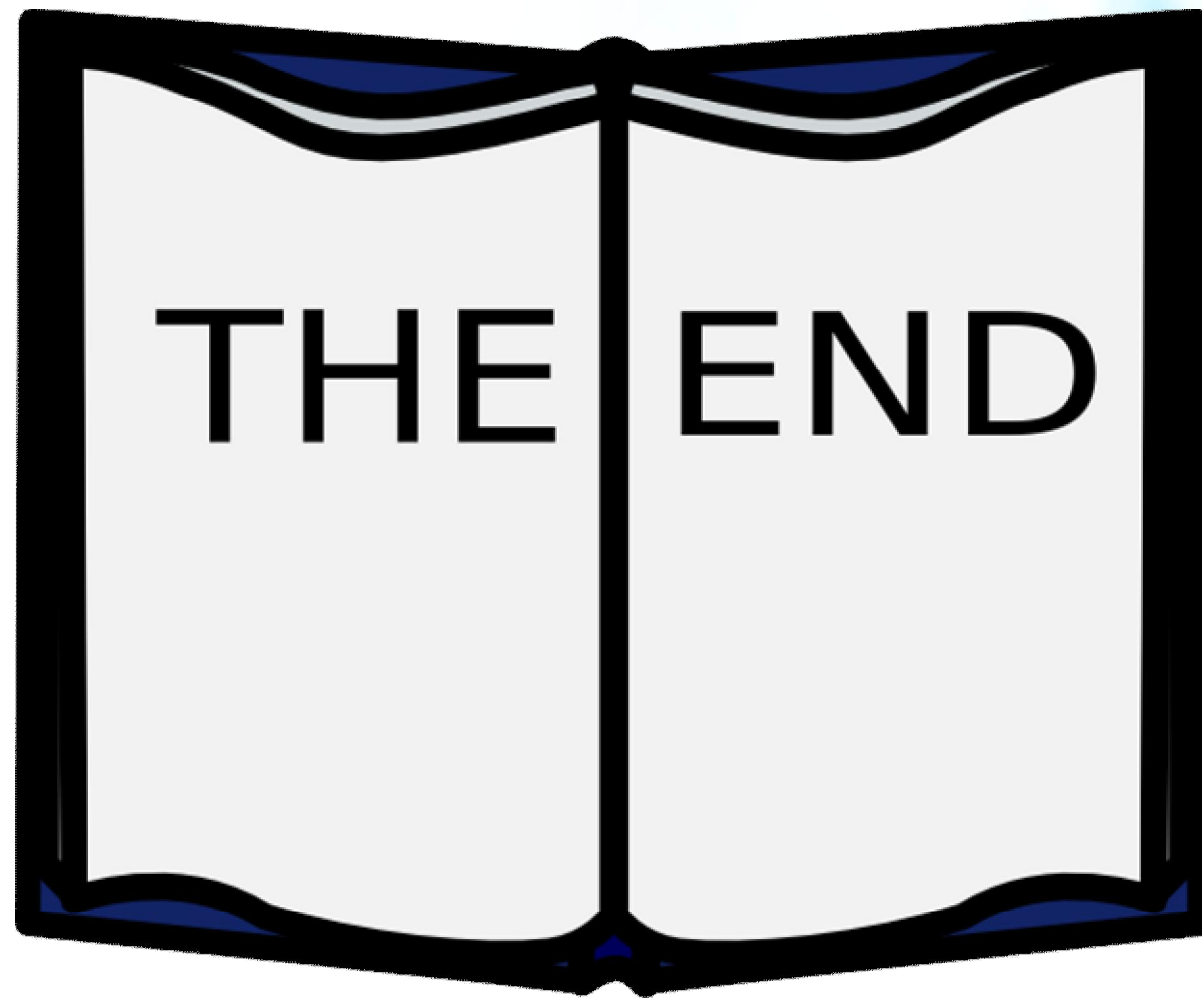
- Review of the FCH JU *programme* based on active projects
- Includes the event “Programme Review Days”
 - This year: 23-24 November, 2017, Brussels
 - Projects are asked to manage a poster on progress vs programme objectives
 - Selected projects give oral presentations

2017 projects

- **Active participation (poster, presentation) from 2019**
- **Attendance welcomed every year 😊**

Programme Review Process





Bilateral meetings

Project Managers	Room / Office
AGUILO RULLAN Antonio	04/20A
BOILLOT Lionel	04/28
CALOPRISCO Pietro	04/20B
GARCIA HOMBRADOS Alberto	04/26
GIRON Enrique	04/30
LYMPEROPOULOS Nikolaos	04/15A
TSIMIS Dionisis	04/15B