Programme & Technology Monitoring incl D&E activities
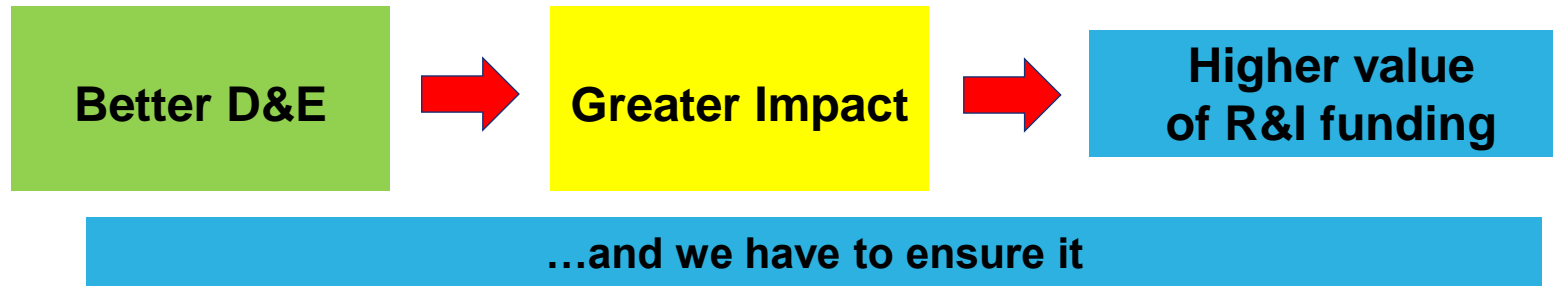## for maximizing the impact

Mirela Atanasiu

Head of Operations and Communication

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Horizon Europe
Increased importance to impact

| Better D&E | ➡ | Greater Impact | ➡ | Higher value of R&I funding |

…and we have to ensure it

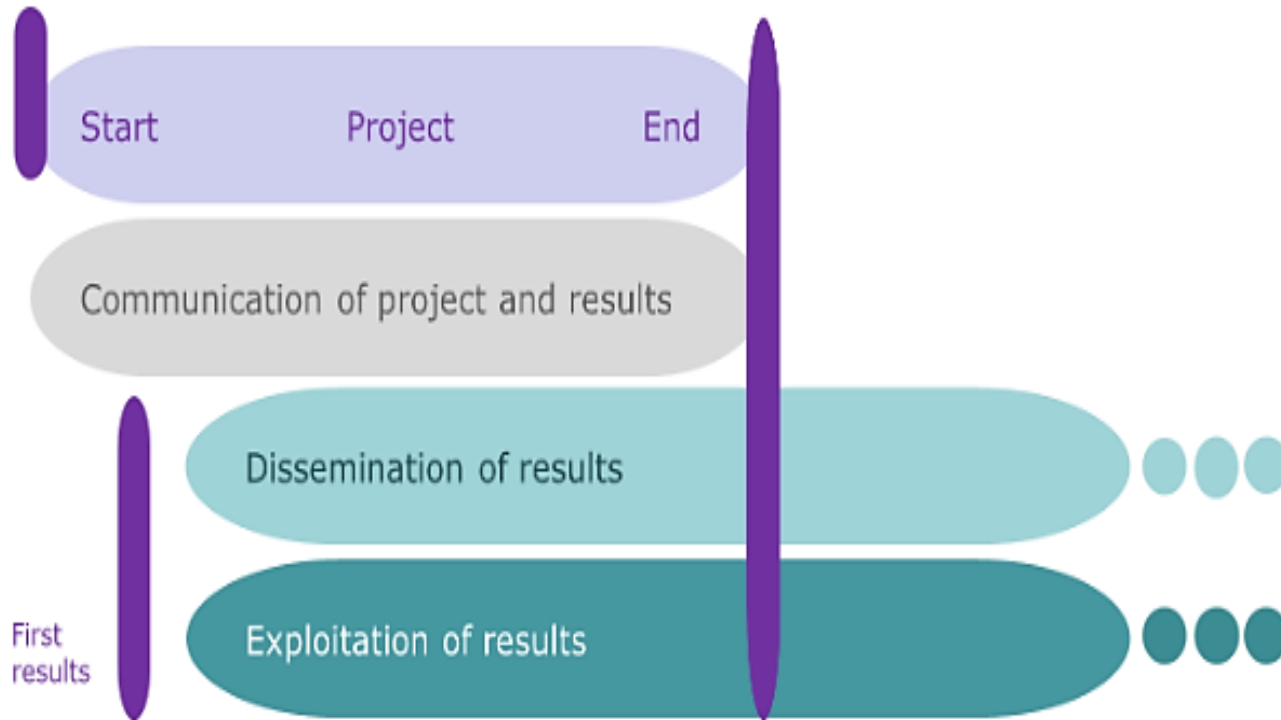## Legal basis - Rules for Participation state clear obligations for beneficiaries

(Article 17 and Annex 5, HE MGA for LS)

*The beneficiaries **must disseminate their results as soon as feasible**, in a publicly available format, subject to any restrictions due to the protection of intellectual property, security rules or legitimate interests.*

The beneficiaries **must take measures aiming to ensure exploitation of their results** — either by themselves (e.g. a beneficiary owning results uses them directly) or indirectly by others (other beneficiaries or third parties, e.g. through licensing or by transferring the ownership of results).

Beneficiaries which have received funding under the grant **must —up to four years after the end of the action - use their best efforts to exploit their results**

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Maximising Impact

Start **Project** **End**

Communication of project and results

Dissemination of results

First results

Exploitation of results

Communication: informing about projects and their results
Dissemination: describing and making results available for use
Exploitation: making use of results

results

But: Dissemination and Exploitation planning starts with the project planning

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Plan for the Dissemination and Exploitation of results (incl. communication activities)

Measures to Maximize Dissemination & Exploitation

Consider the **capacity and role of each consortium member**, and the extent to which the consortium brings together the **necessary expertise**

Planned D&E measures to *maximise the impact of projects that*

- are **proportionate** to the scale of the project

- contain **concrete actions** (i.e. stakeholders management, business and market actions, standardisation, spin-off, etc.) to be implemented both during and after the end of the project

- are planned **according to draft timeline** of when they will reach their own outcomes/impact both during and after the project

Target Audience *(e.g. scientific community, end users, financial actors, public at large)*

What is the **function of the proposed target group**? How do they contribute to the **maximisation of impact**?

- What is the **proposed channel** to interact with the target group?

Follow-up plan to foster exploitation/uptake of the results

Clean Hydrogen Partnership

Tools & Services

Supporting the D&E activities of the project, during and after the funding period

HORIZON RESULTS PLATFORM
MAKING RESULTS MATTER

INNOVATION RADAR

CORDIS
EU research results

Dissemination & Exploitation Activities

HORIZON RESULTS BOOSTER

Boost the exploitation potential
- Portfolio D&E Strategy
- Business Plan development
- Go-to-Market

European IP Helpdesk

Helping SMEs manage and exploit Intellectual Property (IP) in R&I collaborations

HSbooster.eu
Horizon Standardisation Booster

Revision or creation of standards

Dealflow.eu

Support innovations ready to go to market with fundraising, venture building and networking

Competitiveness/ Growth

New market opportunities

Climate Change - environment

*The services are **free of charge**, the costs of the consultancy are covered by the European Commission.*

The Monitoring Framework of the Clean Hydrogen Partnership

	Horizon Europe	EU Partnerships	Specific for Clean Hydrogen JU	Technology progress
Name	Key Impact Pathways	Common Partnership Indicators	Specific Partnership Indicators	Technology KPIs
Proposed by	European Commission	Independent Expert Group	**Clean Hydrogen Partnership**	**Clean Hydrogen Partnership**
Legal Reference	HE Art 50(1) & SBA Art 171(2)(a-c-d-e)	SBA Art 171(2)(a-b-f-g)	SBA Art 171(2)(a)	SRIA
Monitoring Scope	Objectives HE Art 3	Annex III	Objectives SBA Art 73-74	Objectives SRIA per research area
Content	Various SSH aspects and information at project level	Horizontal on functioning of EU Partnerships	Hydrogen Sector Relevance	Hydrogen Technology Progress
Data Source	E-GRANTS	E-GRANTS and **JU sources**	**JU sources**	**JU Annual Data Collection Exercise**

Knowledge Management Activities

- **Horizontal activities,** collecting and handling data and results from JU projects and other sources, in order to create and share knowledge around hydrogen.
- **Main activities:**
  - Annual Programme Review
  - Programme and technology monitoring (KPIs)
  - European Hydrogen Observatory (EHO)
  - Feedback to Policy
  - Collaboration with JRC
  - Maintain other Knowledge Management Tools and Platforms
- **Goal:** Clean Hydrogen JU to become the European Hydrogen Knowledge Hub, serving the entire hydrogen community.

Annual Programme Review

European Hydrogen Observatory

Programme and Technology Monitoring (KPIs)

Collaboration with JRC

Feedback to Policy

Knowledge Management Tools and Platforms

KNOWLEDGE HUB

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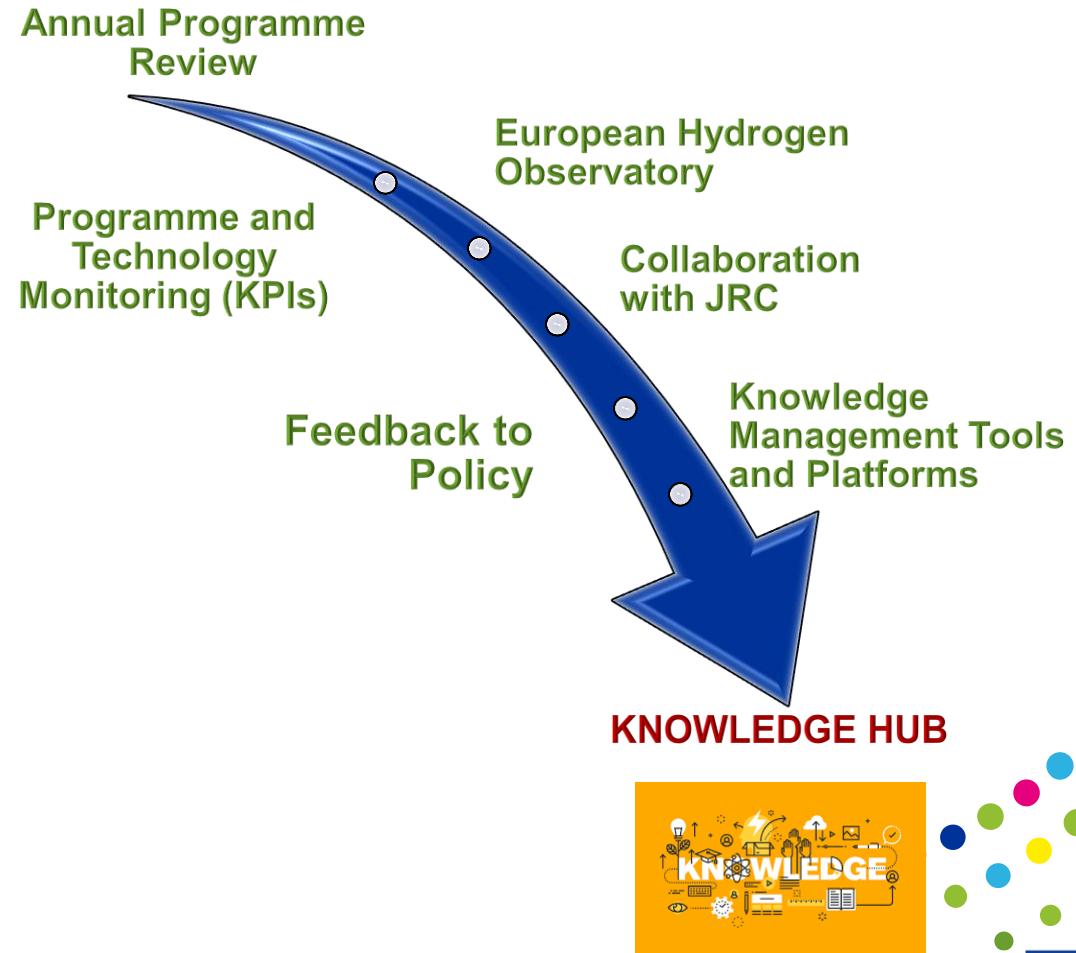
Annual Programme Review Timeline

January: Each project specifies data providers *(may be more than one to respect confidentiality issues)*

Data collection workshop for data providers

February: ==Data collection from Projects (incl. KPIs and project targets==

Very important to deliver data within deadline!!!

March: Data validation by Project Officers

April-September: - JRC Programme Technical Assessment
- Data analysis, aggregation, development of views and messages

November: - Innovation Forum *(presentations by selected projects)*
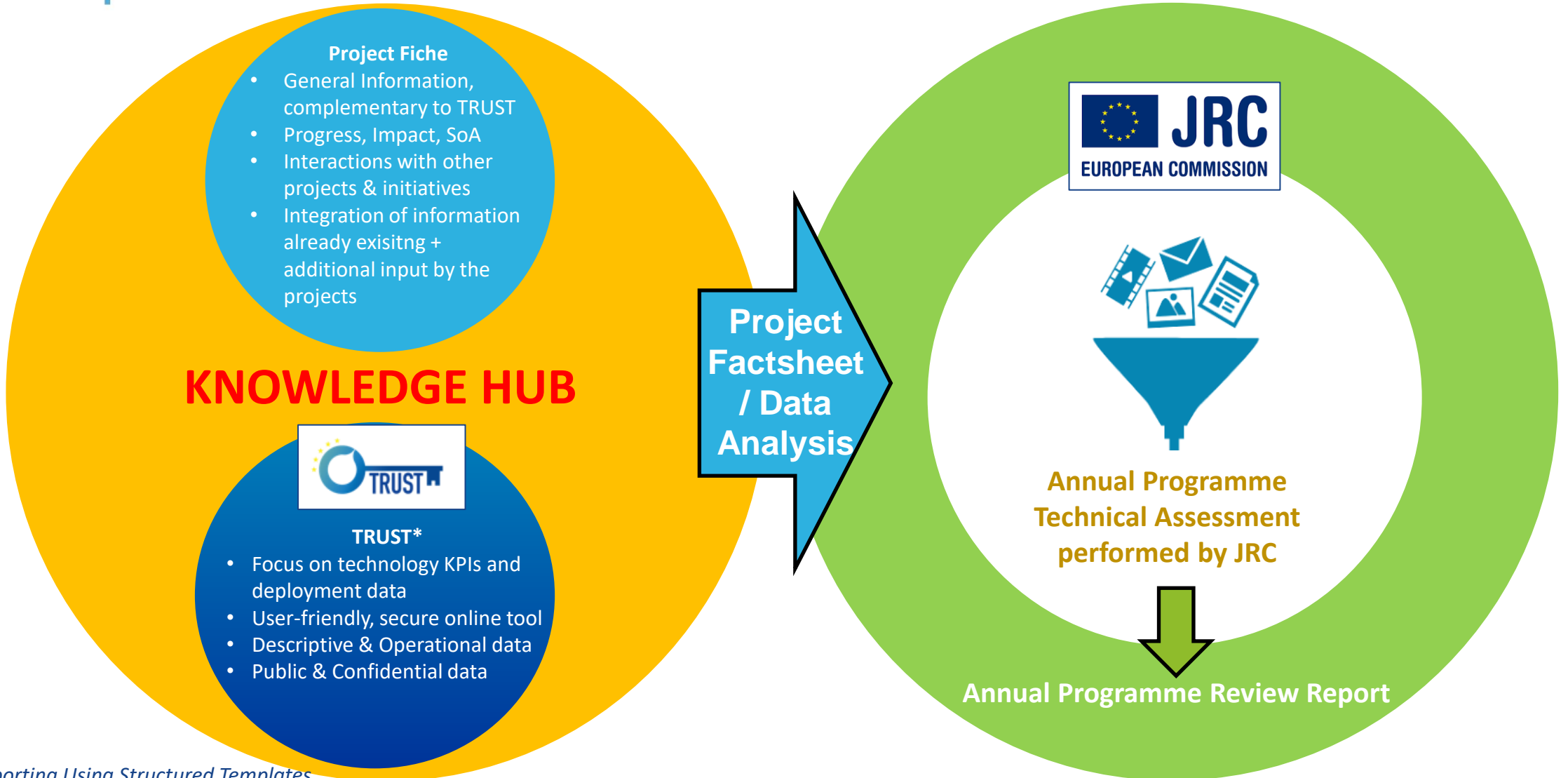- Programme Review Report

December: Revision of templates and methodology

Clean Hydrogen Partnership

PROGRAMME REVIEW REPORT 2023

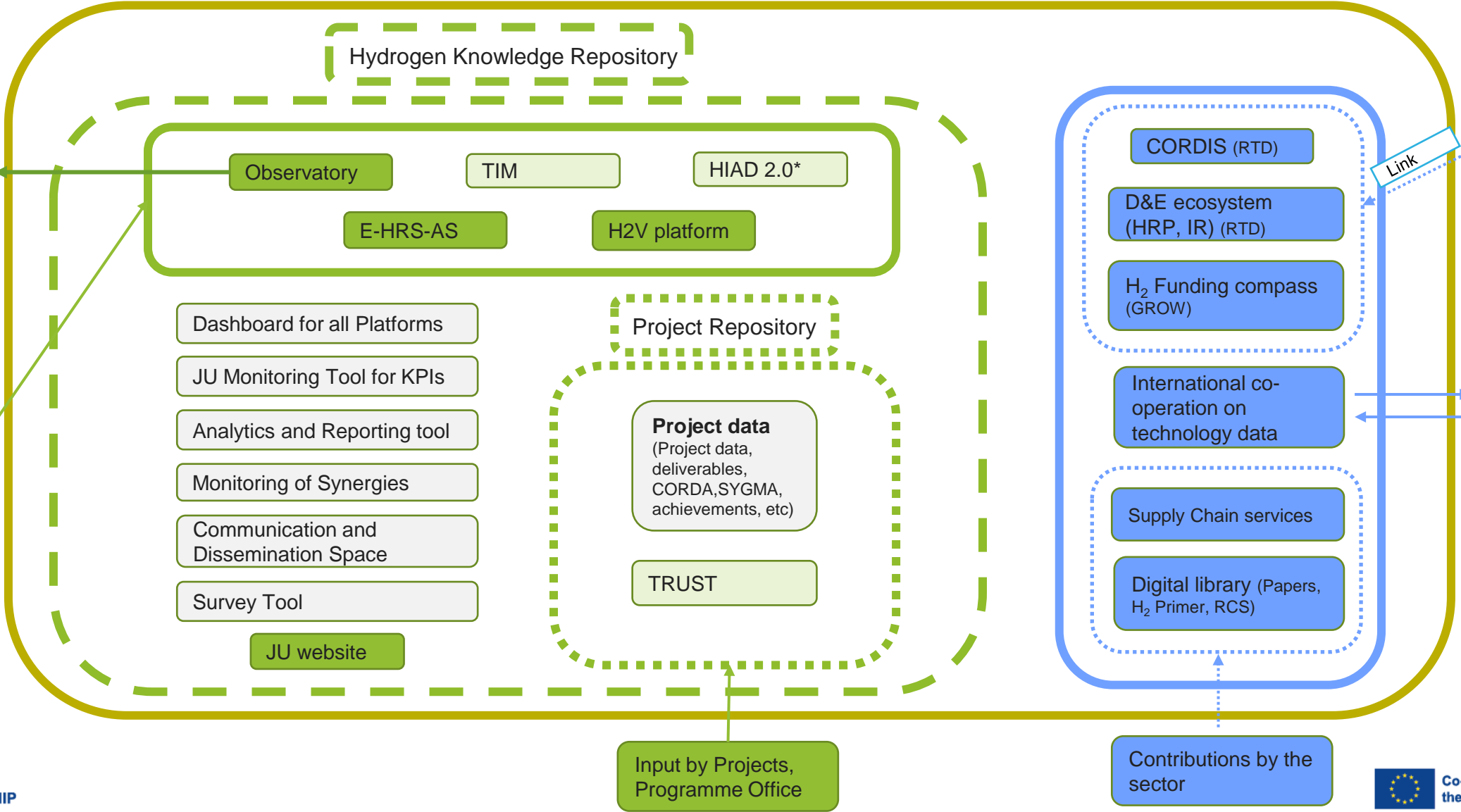Co-funded by the European Union

Data Collection Methodology

Clean Hydrogen Knowledge Hub

A complete database with analysis, reporting and visualisation tools, with varying access rights across users

Clean Hydrogen Partnership

Observatory includes:
1. Technology and Market Data
2. Tools and Reports
3. Market Directory
4. Education and Training Material
5. Media

Managed by JU Contractors

Hydrogen Knowledge Repository

Observatory

TIM

HIAD 2.0*

E-HRS-AS

H2V platform

Dashboard for all Platforms

JU Monitoring Tool for KPIs

Analytics and Reporting tool

Monitoring of Synergies

Communication and Dissemination Space

Survey Tool

JU website

Project Repository

Project data
(Project data, deliverables, CORDA,SYGMA, achievements, etc)

TRUST

CORDIS (RTD)

D&E ecosystem (HRP, IR) (RTD)

H_2 Funding compass (GROW)

Link

European Commission

International co-operation on technology data

Supply Chain services

Digital library (Papers, H_2 Primer, RCS)

National H_2 Associations, IPHE, IEA, IRENA, Mission Innovation

Legend

To be developed

existing

Existing To be Upgraded

Not managed by the JU

EUROPEAN PARTNERSHIP

Input by Projects, Programme Office

Contributions by the sector

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European Hydrogen Observatory

Highlights:

- Many **new data sets regarding all the steps in the hydrogen value chain**;
- Customisable and interactive geomap;
- Levelised Cost of Hydrogen Calculator;
- Reports;
- News and events interface;

Target audience:

- Industry
- Policy makers
- Academics
- Opinion leaders
- Citizens

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