

Technology Monitoring Aspects

incl. annual performance
data collection

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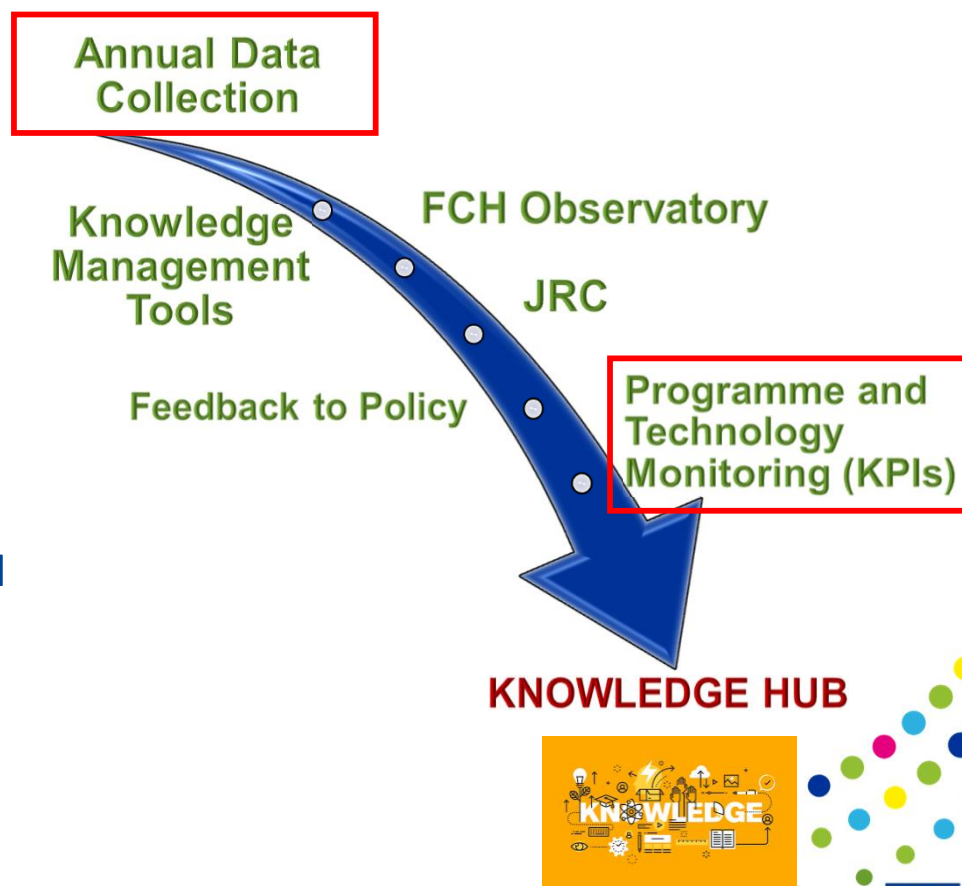
Knowledge Management Officer

Call for proposals 2022 Info-day , 15/3/2022



Knowledge Management in the JU

- **Based on following pillars:**
 - Programme and technology monitoring (KPIs)
 - Annual Programme Review / Data Collection (with the aim to cover all hydrogen EU funded projects)
 - Fuel Cell and Hydrogen Observatory (FCHO)
 - Feedback to Policy
 - Other Knowledge Management Tools
- Complemented by support from JRC and targeted studies
- **Goal:** Gradually become the European hydrogen Knowledge Hub, serving the entire hydrogen community



Need to collect data

Input into topics
definition for new
calls for
proposals

Monitoring KPIs

Benchmarking

Feed into policy
making

Stories and
messages

Justify funding

Data collected are considered in general public, unless declared confidential by the project. Confidential data may only be used for internal purposes in their original form (only by Programme Office). For other purposes, it is ensured they are aggregated and anonymised.

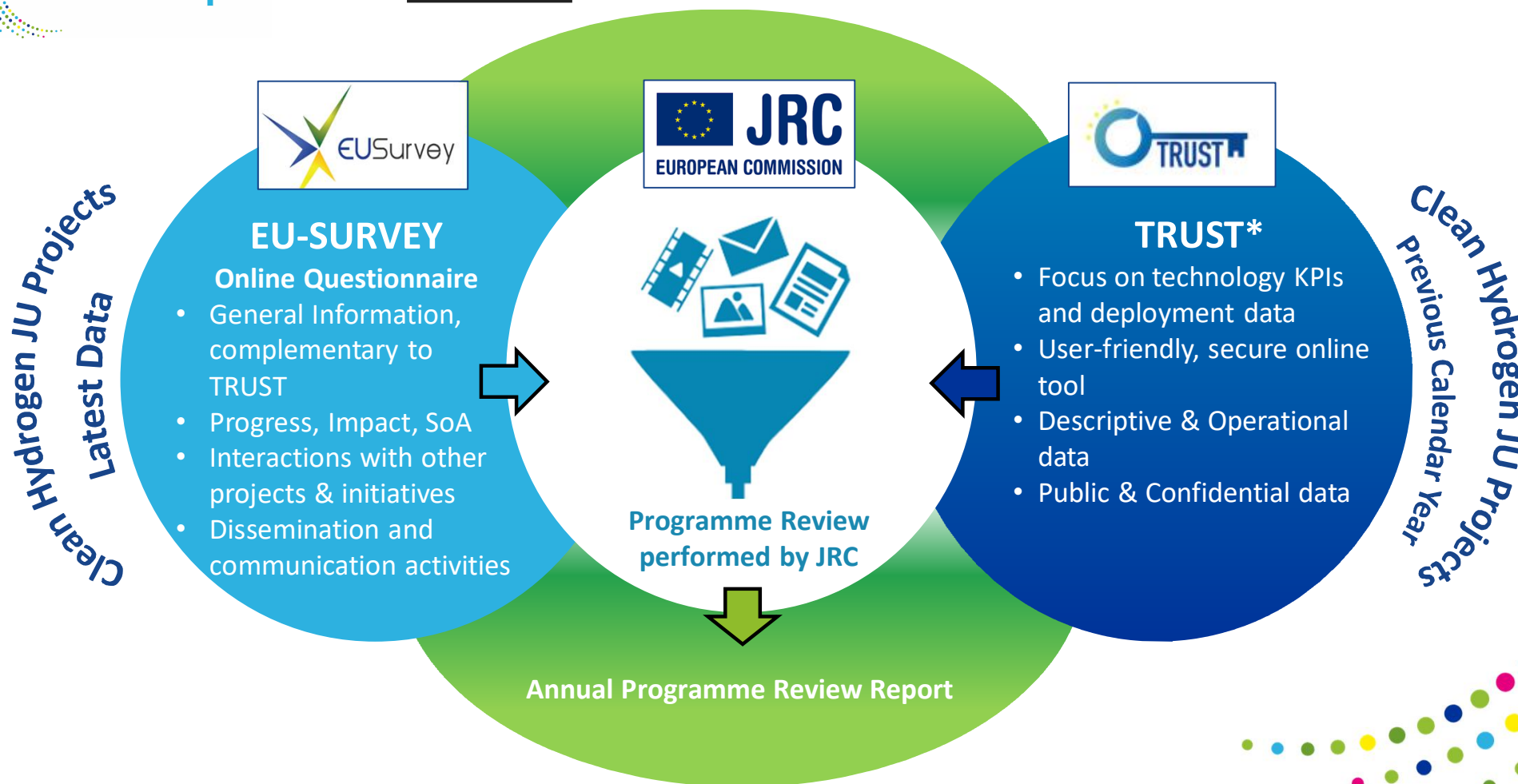
Data collection from projects

- Is it an obligation?

- Yes, both for the JU (SBA) and the projects (MGA), for example:
 - “monitor progress towards the achievement of the objectives...” (SBA, Article 5.2.(h))
 - “contribute to developing a more effective science-policy interface, to fostering open science by ensuring better use of results and to addressing policy needs...” (SBA, Article 5.2.(m))
 - “assess and monitor technological progress and technological, economic and societal barriers to market entry, including in emerging hydrogen markets;” (SBA, Article 74(a))
 - “JU actions must contribute to the long-term implementation of the JU partnership, including the JU Strategic Research and Innovation Agenda the JU objectives and the exploitation of research and innovation results.” (MGA, Annex 5)
 - “The beneficiaries must manage the digital research data generated in the action (‘data’) responsibly, in line with the FAIR principles (Findable, Accessible, Interoperable, Reusable)...” and “...following the principle ‘as open as possible as closed as necessary...” (MGA, Annex 5, Open Science)
 - Contribution to the monitoring framework of the Clean Hydrogen JU (AWP, Section 2.2.3.2, Common elements applicable to the topics in the Call)



Annual Data Collection Exercise



Data Collection Steps via TRUST

6



Structured
Data
Collection



Validation



Analysis

Assess current state, identify trends and determine needs



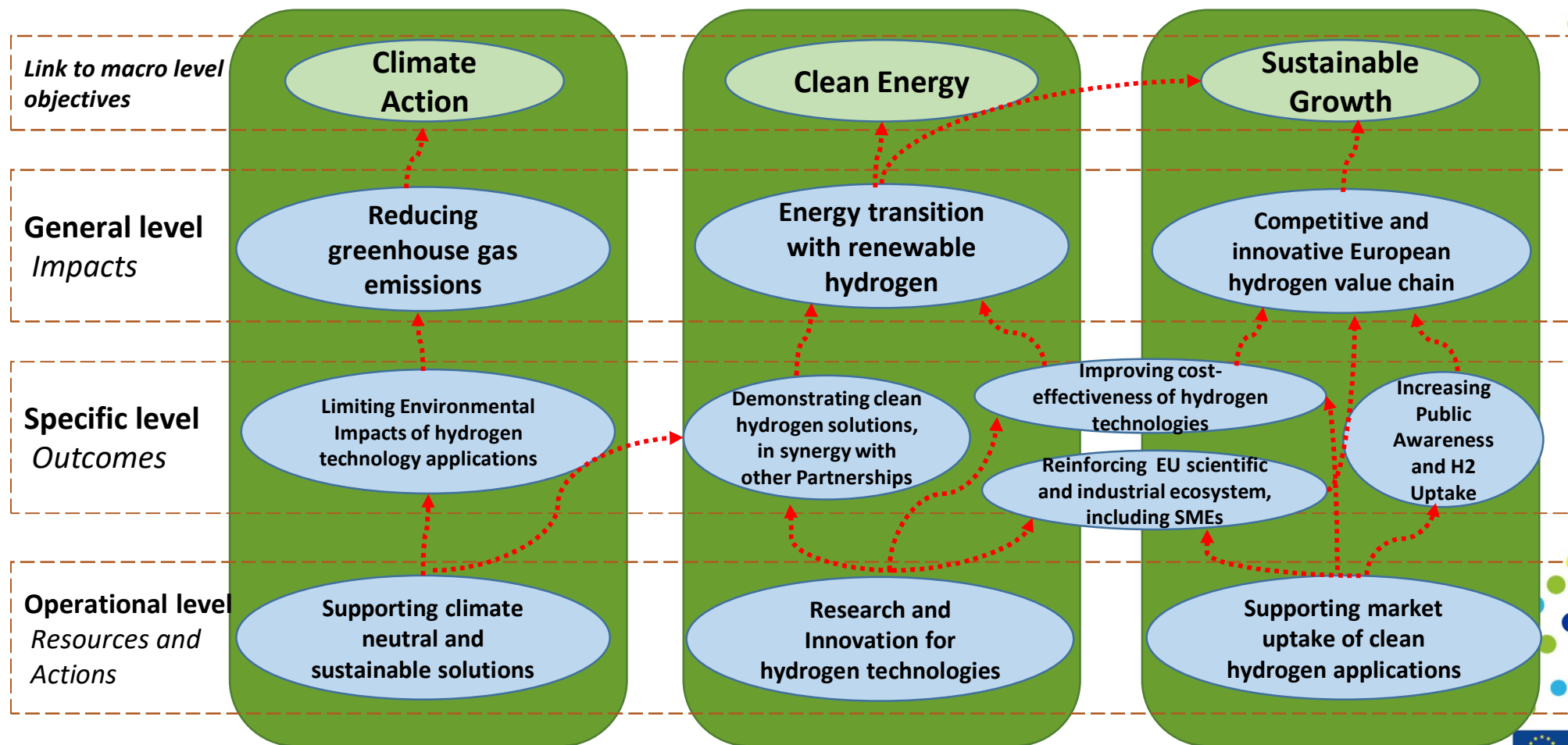
The Monitoring Framework of the Clean Hydrogen Partnership

	Horizon Europe	EU Partnerships	Joint Undertakings	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)(b-f-g)	SBA Art 171(2)(a-f-g)	SBA Art 171(2)(a)	SRIA
Monitoring Scope	Objectives HE Art 3	Annex III	Objectives SBA Art 3-5	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	(mostly) Green Deal and R&I Relevance	Hydrogen Sector Relevance	Hydrogen Technology Progress
Data Source	eCORDA	eCORDA and JU sources	JU sources	JU sources	JU Annual Data Collection Exercise

Programme Monitoring

Clean Hydrogen Partnership Strategy Map

8



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For further information

<https://www.clean-hydrogen.europa.eu/>

