



ETIP SNET

PLAN.
INNOVATE.
ENGAGE.



INNOVATION IMPLEMENTATION IN THE BUSINESS ENVIRONMENT

ETIP SNET WG5

11th ETIP SNET Regional Workshop

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21 April 2021



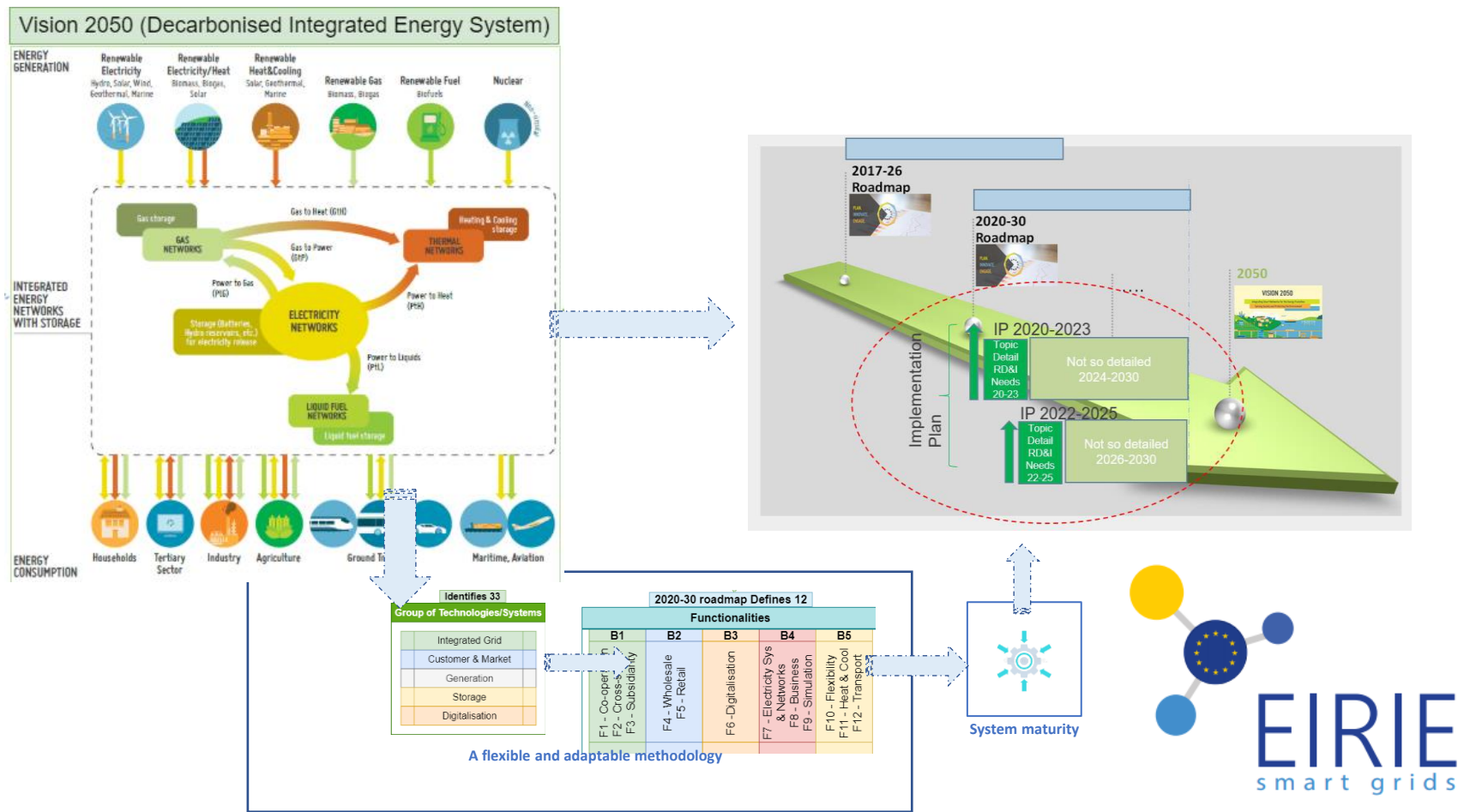


Objective: Mobilize experts in support of R&I work in EU to reach the market and to this effect work closely with all WGs of ETIP SNET to utilize project results in support of R&I needs for the years to come. To this effect, work for the establishment of a multifunctional platform through which work with experts will be enhanced and reporting of project results much more targeted and fruitful.

- Build **homogeneity in the analysis** of projects, work done, and lessons learned
⇒ Create a common platform
- Build a universal approach in the taxonomy of technologies that constitute the evolution of functionalities in building the smart networks of 2050 in support of the energy transition.
- Build a methodology to **judge system needs** in the energy transition capable of identifying tangible needs for building on progress made and give feedback to the other WGs for populating their R&I needs in the years ahead;



The classification of the Technologies and the EIRIE platform maturity index tool



The baseline of the methodology

- A solid classification
- A coherent way of gathering the data
- A list of technologies and systems with their description to capture the smart grid systems from end to end



- ✓ 5 groups of systems
- ✓ 33 technologies and sub-systems
- ✓ Validated by WG5 ETIPSNET (top down)
- ✓ Validated by Researchers (bottom up)

Cycles of validation



- ✓ A hybrid approach of validation
- ✓ One and a half year of different cycles of validation
- ✓ More than 200 projects participation

- PANTERA experts
- WG5-ETIPSNET experts
- BRIDGE
- INTENSYS4U experts

**Top-down
approach**

**Bottom- up
approach**

- PANTERA Regional Workshops
- ETIPSNET Regional Workshop
- Projects coming from WG5-ETIPSNET experts

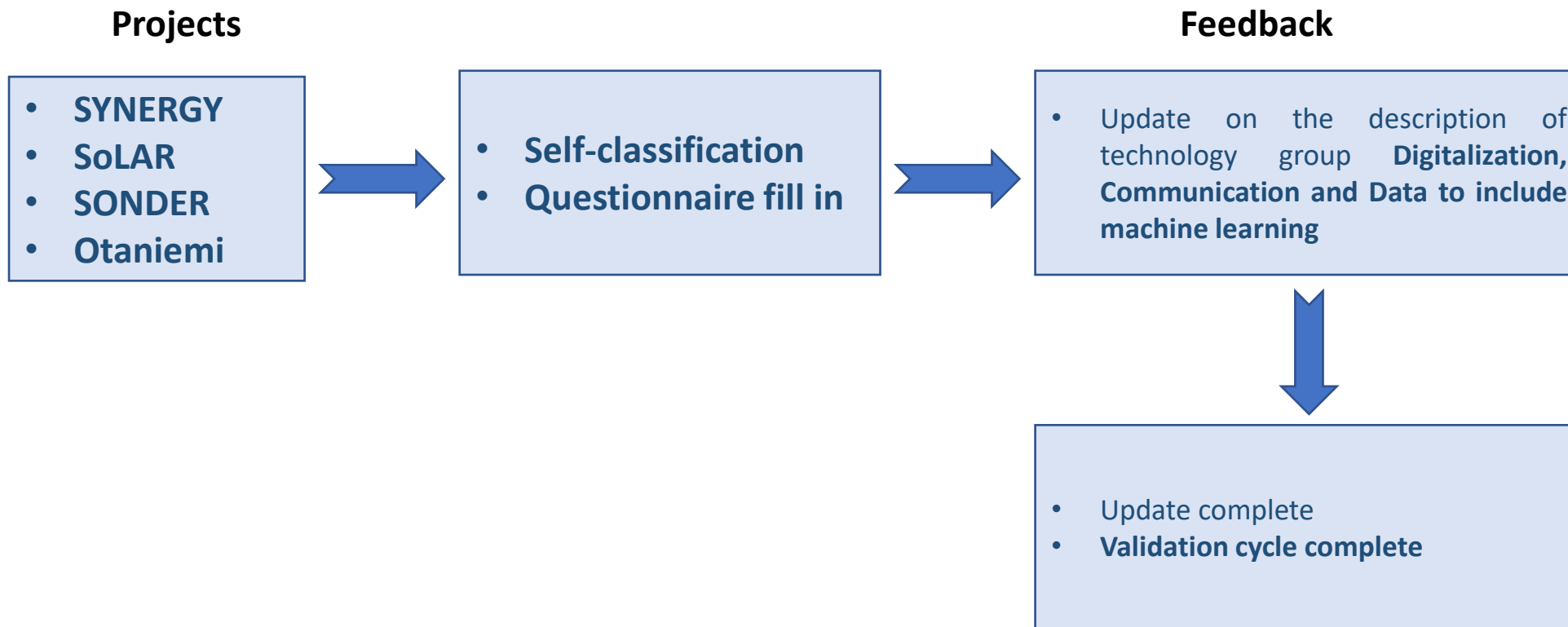


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Feedback from ETIPSNET-Regional workshop

Working Group 5
Regional workshop

21 April 2021



Purpose of the self-assessment



➤ *In line with the Innovation Radar assessment*

- Promoting and showcasing emerging innovations resulting from H2020 projects
- Bringing together innovative solutions owners and investors/ incubators for facilitating the “go-to-market route”

➤ *....and beyond the Innovation Radar*

- Further deep-diving to the innovation and go-to-market enablers of most prominent solutions
- A variety of new parameters enabling more detailed (self-) assessment and revelation (self-understanding) of:
 - Strong “go-to-market” aspects and enablers
 - Aspects and enablers that need to be further improved and require further analysis and elaboration
- Promote the creation of a business ecosystem, not only for business-ready solutions, but also for promising ones that underperform in certain enabling aspects.

➤ *What is on for BRIDGE and ETIP-SNET?*

- A tool to collectively analyse and assess the level of business maturity of certain clusters of technologies
- Valuable input for fine-tuning Roadmaps, Implementation Plans and WGs/ TFs activities

Key features of the self-assessment questionnaire



➤ **To whom and prerequisites**

- R&I project managers/results owners
- It requires about 30-40 min to go through a digital questionnaire dealing with a wide range of aspects of 'Innovation support to the market uptake'

➤ **A multiple-choice questionnaire to assess the market uptake process of your project**

- 36 questions organized into six main areas covers the innovation facilitation



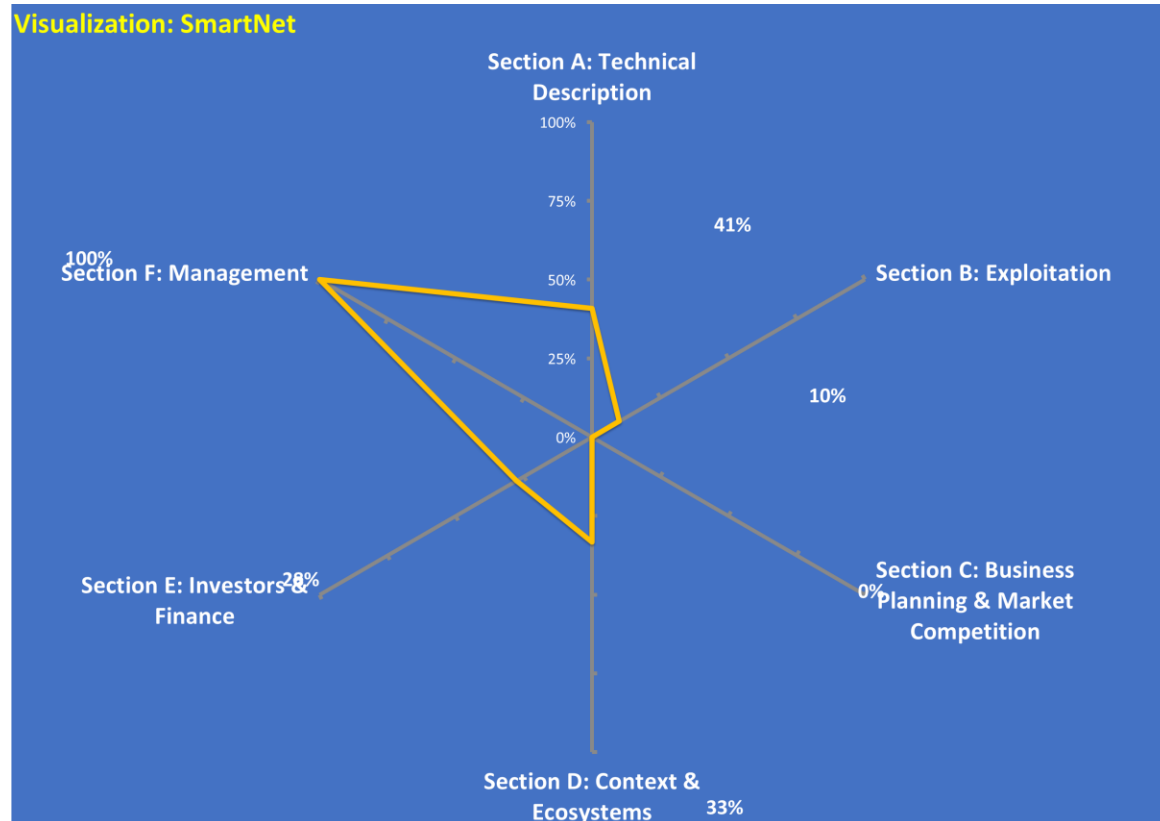
- Each answer is rated and an overall mark [0..1] is provided to each of the six areas
- A maximum theoretical mark of 1 for one area indicates some path to improvement for each action
=> e.g. on the identification and validation of the main source of income, on the specific identification of the early adopters, and on possible agreements already in place, etc.

Feedback Visualization: Session 1



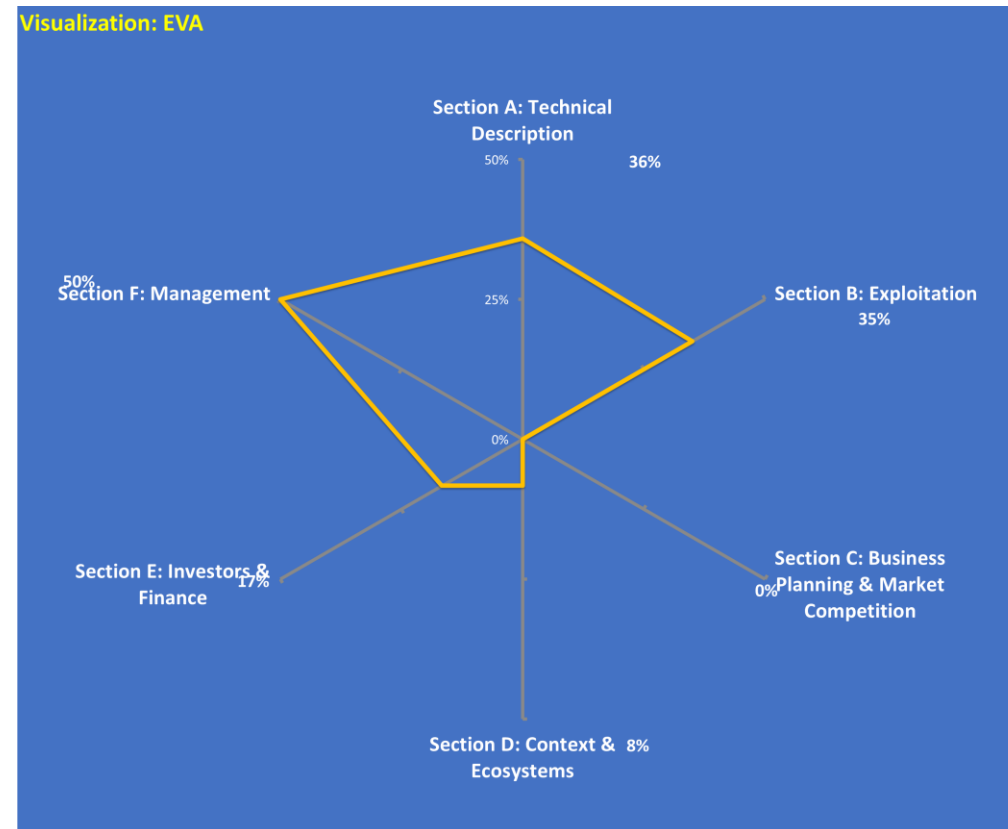
SmartNet

Visualization: SmartNet



EVA

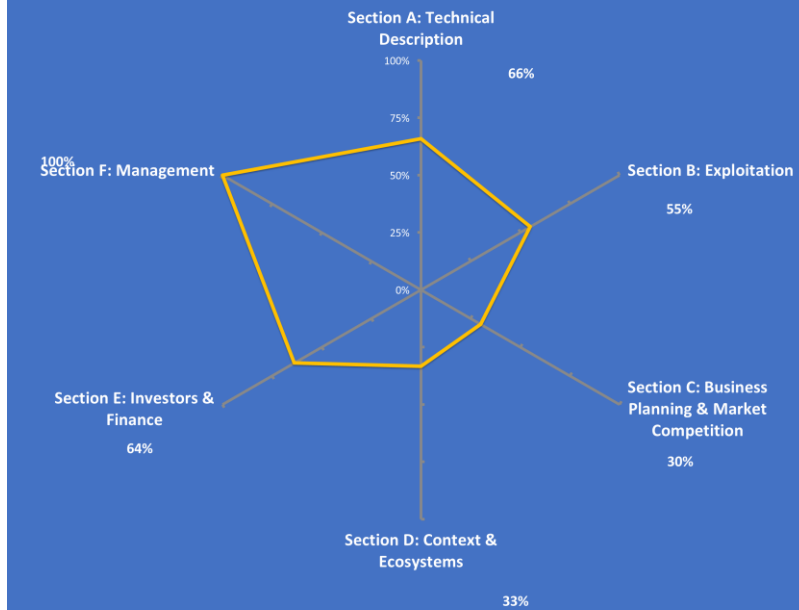
Visualization: EVA



Feedback Visualization: Session 2

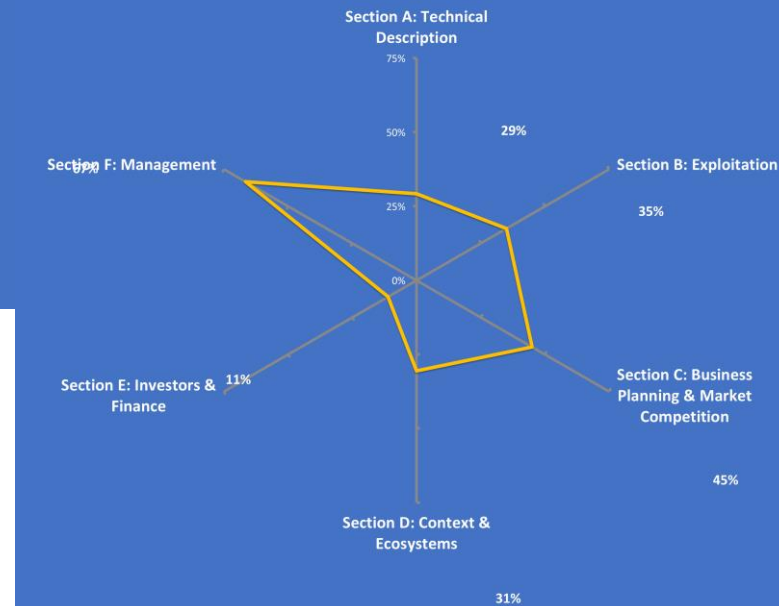
SCCER-FURIES REel demo

Visualization: SCCER-FURIES REel demo



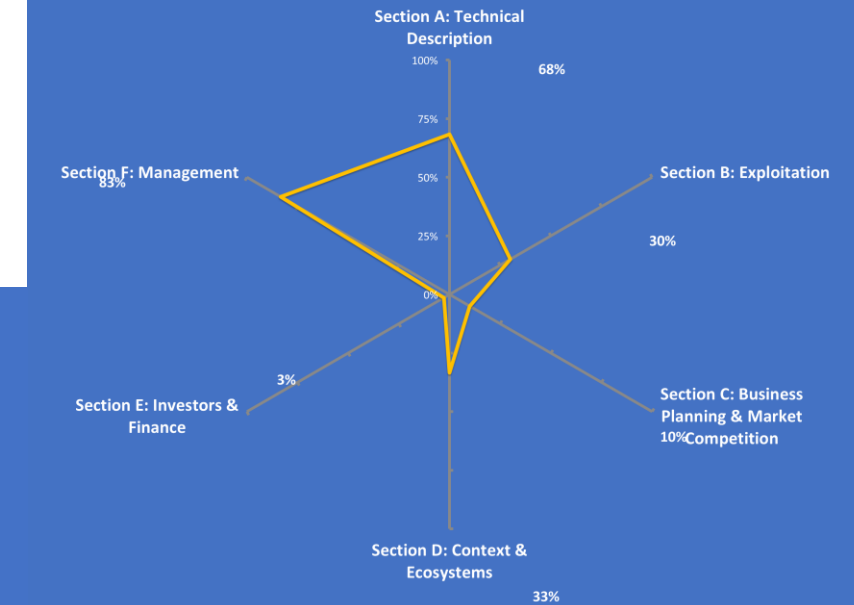
TDX-ASSIST

Visualization: TDX-ASSIST



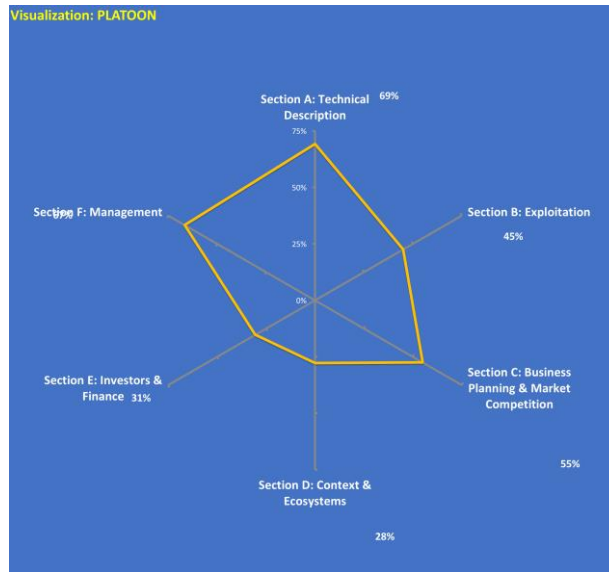
INTERFACE

Visualization: INTERFACE

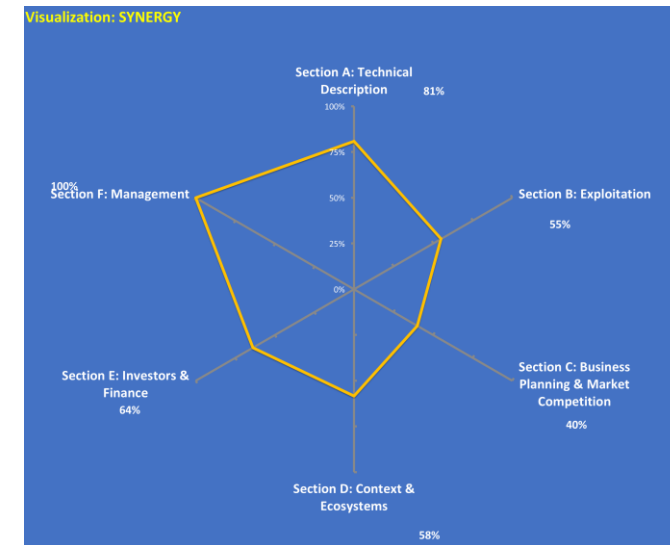
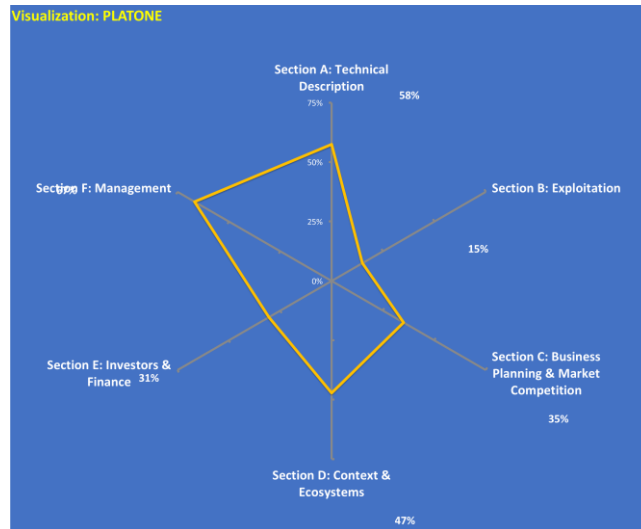


Feedback Visualization: Session 3

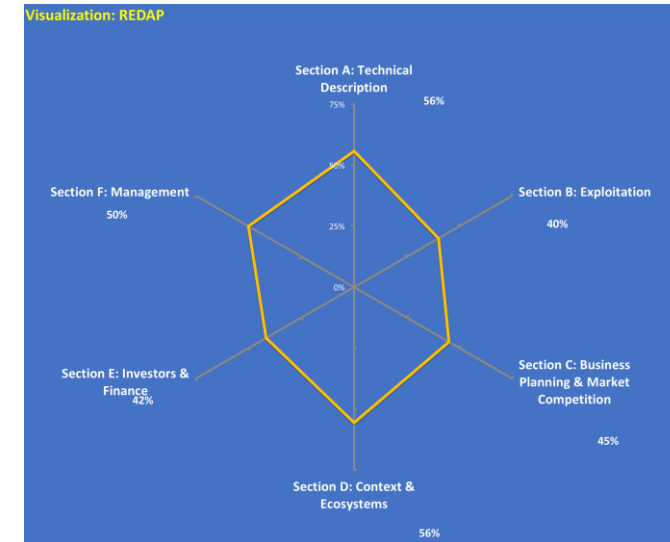
PLATOON



PLATONE



SYNERGY



REDAP

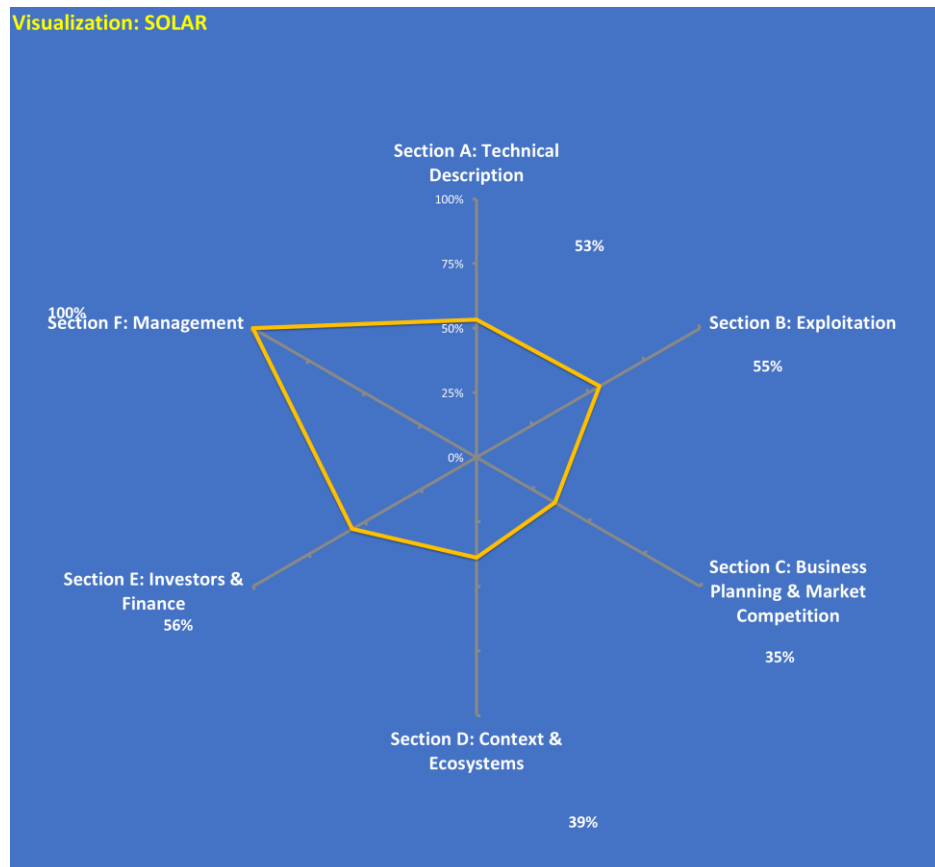


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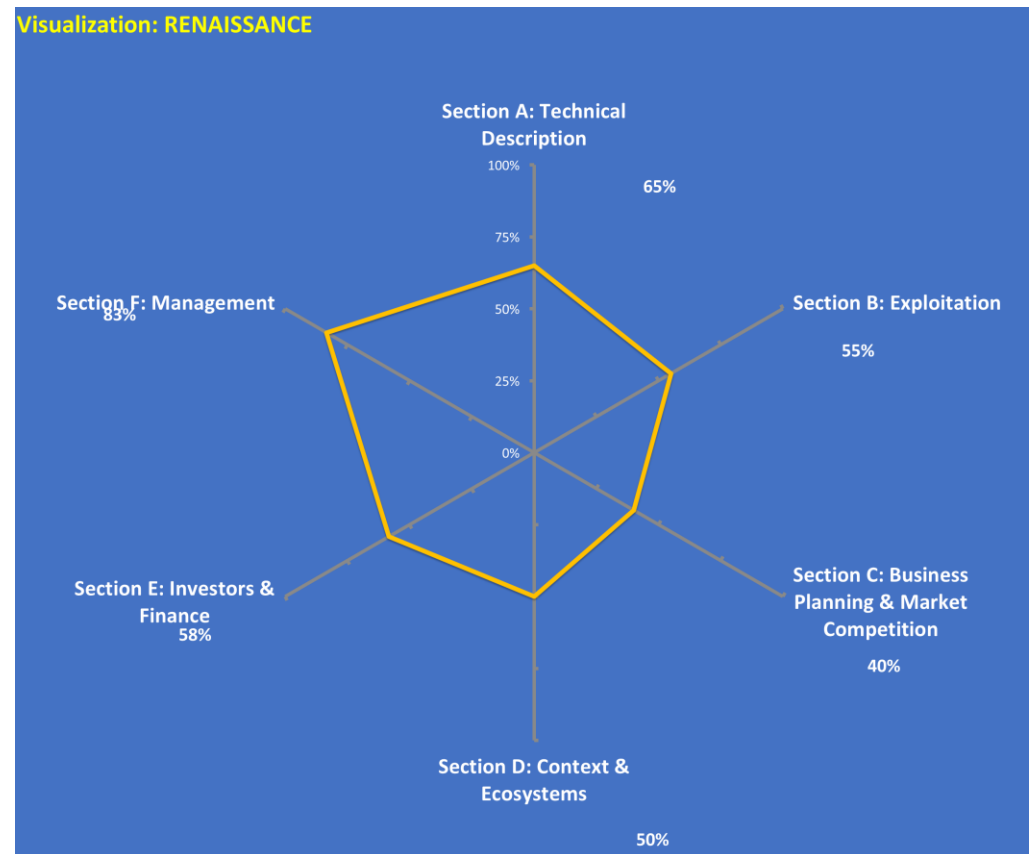
Feedback Visualization: Session 4



SOLAR



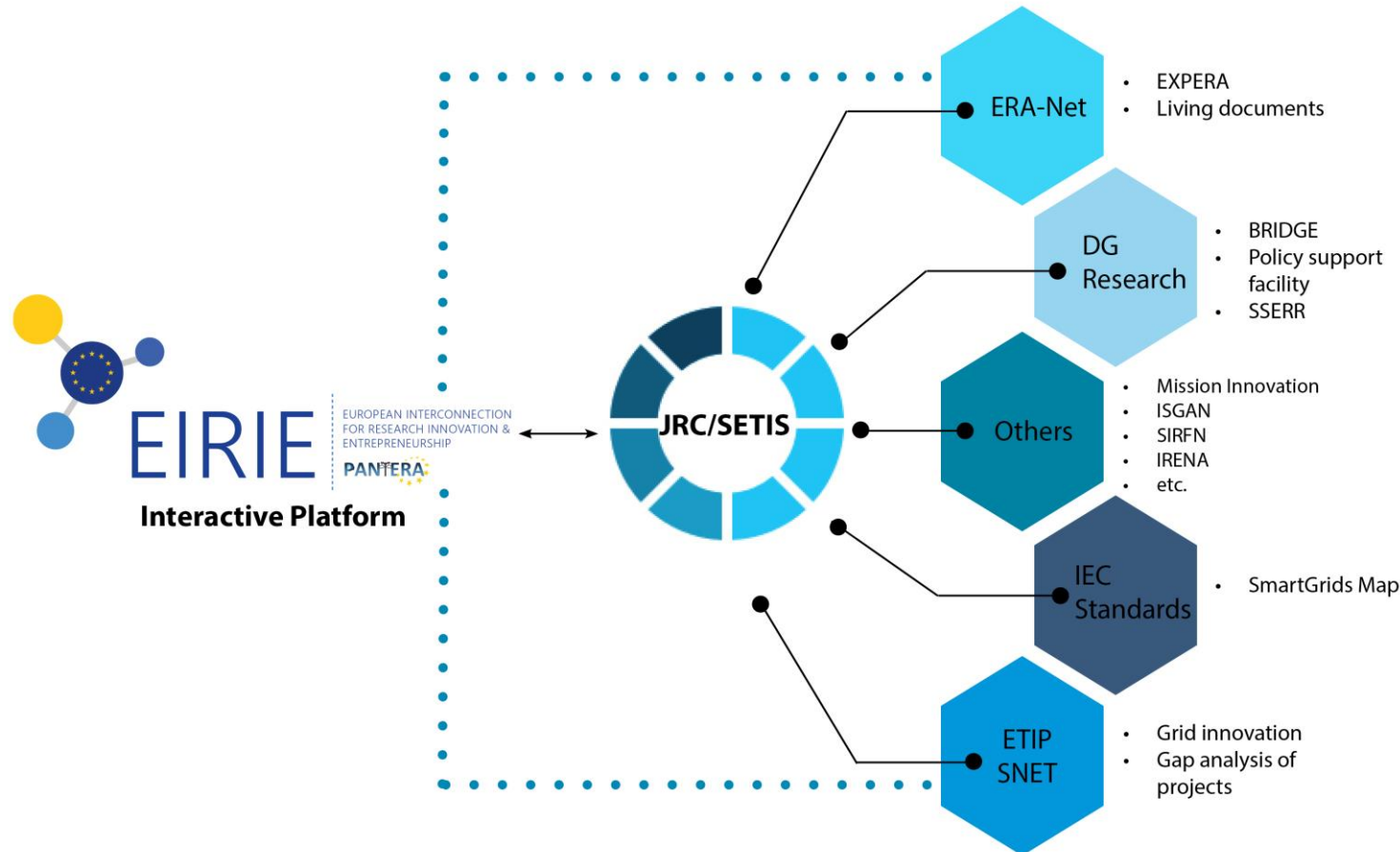
REAISSANCE



EIRIE: The multifunctional platform that is being developed to support R&I for all Europeans

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EIRIE will be hosted on the **Smart Energy System servers of JRC** and **sustainability** is guaranteed by DG Ener through a dedicated Service contract to take over from the PANTERA consortium on completion of the 4 years. Closely working with WG5 for developing tools, solutions, connectivity and much more.



Thank you for your attention

