

Project Green Agenda Overview of TWG activities for RWG

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Topics identified at the First Regional Exchange Meeting in Budva

Flexibility

Power system
analysis studies

DSO roadmap

Forecasting tool

Data management
for grid operation
and planning

How to distinguish
good RE
investments

Regional pilot
projects for digital
grid connections
applications

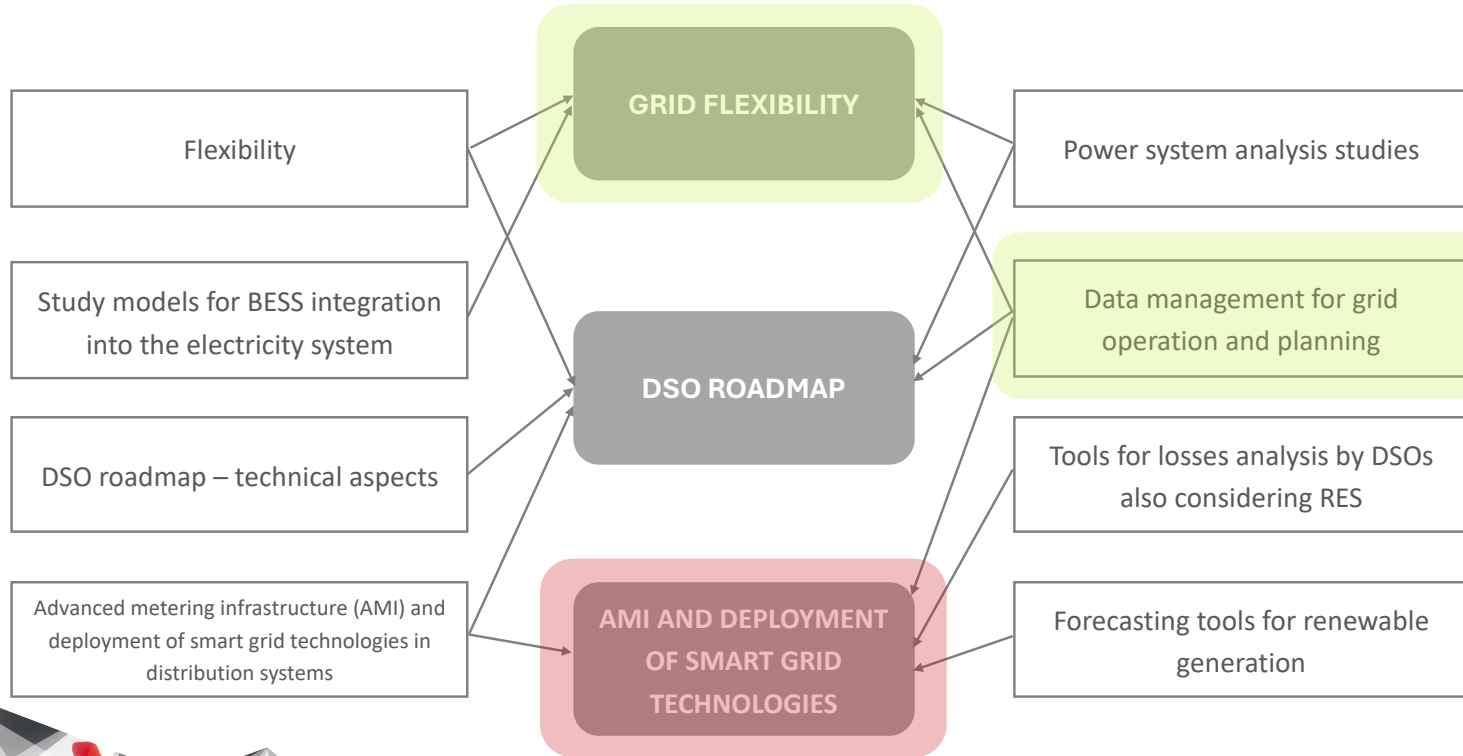
Study models for
energy storage
technology
integration into the
electricity system

AMI and deployment
of smart grid
technologies in
distribution systems

Create common
methodology for hosting
capacity calculation
taking into account
specificities in Western
Balkan grids

Topics of interest for TWG

1st TWG meeting + Technical Report + Webinar
March 27-28, 2024



2nd TWG meeting
June 19-20, 2024

3d TWG meeting + Technical Report
December 3-4, 2024



Flexibility – topics targeted in the Technical Report

- What are the problems that can be addressed by flexibility?
- Grid observability as prerequisite for flexibility.
- Hosting capacity – related to identification of areas where flexibility services are needed.
- Flexibility services and products.
- Where to look for flexibility resources (demand response, PV curtailment, batteries etc)?
- What are main processes (prequalification, tender, bidding, activation, settlement) and who are the main actors.
- Models for flexibility procurement (bilateral agreements, local flexibility markets, flexibility platforms).
- Necessary data exchange and data models.
- Examples of good practices in three European countries.

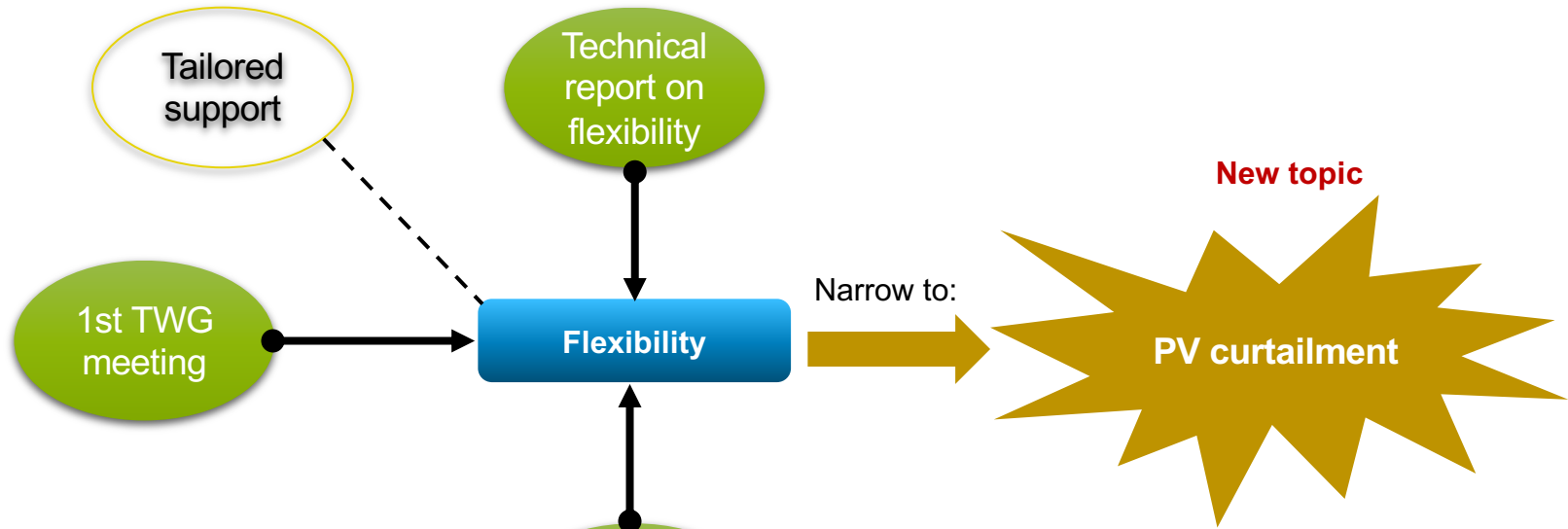


Technical Report on Flexibility



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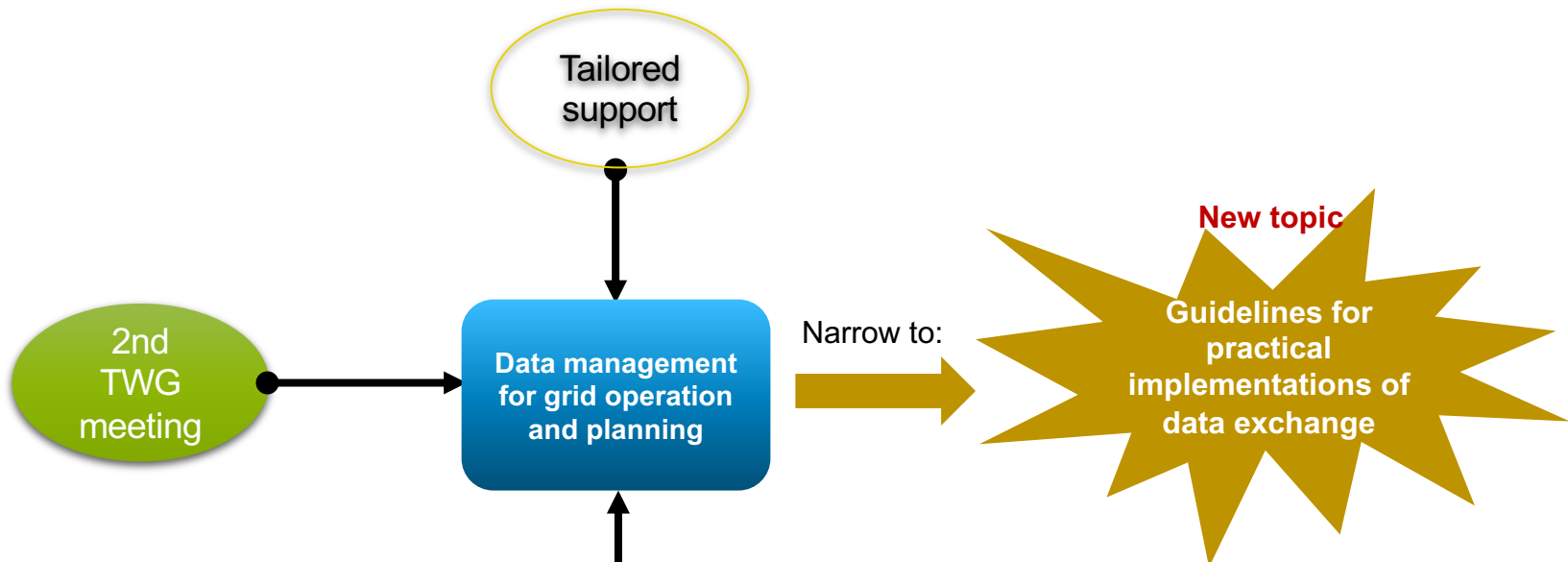
Why PV curtailment is needed?
Both TSO and DSO perspective?
What are the best practices in EU?
How to implement this (in refer to the RoI)?
What are technical requirements for PV inverters?



Information exchange and data management: 2nd TWG meeting

- ❑ DSO digitalization
- ❑ Data management in distribution system operation and planning (Elektro Celje, Slovenia)
- ❑ Information exchange between DSO and other stakeholders on the electricity market
- ❑ DSO roadmap: purpose and key elements
- ❑ Current state of data management in Croatian DSO
- ❑ Distribution grid observability
- ❑ Current state of data management DSO - EVN Macedonia AD Skopje
- ❑ Current state of data management in Elektrodistribucija Srbije





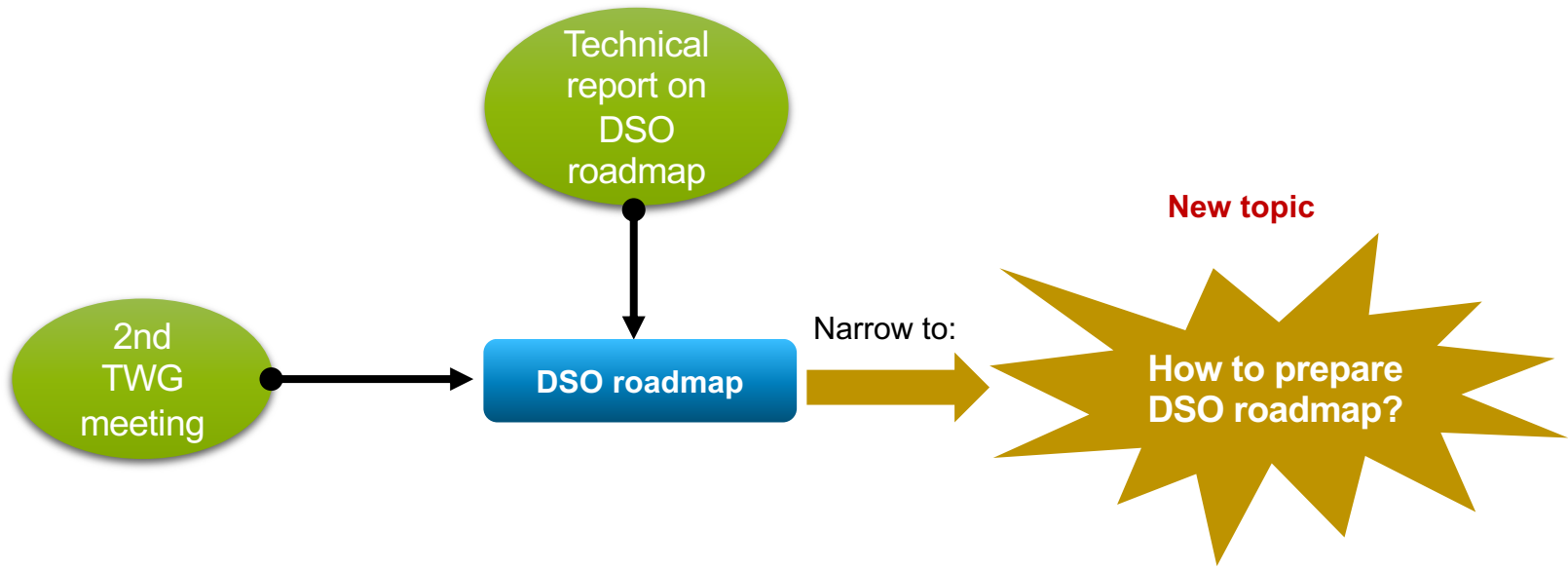
Requirements for interoperability and standardisation?
Best practices exchanges
Study of particular technologies
National data platforms?
Present three tailored supports on this topic as an input



DSO roadmap

- ❑ What is DSO roadmap and purpose, why is it important?
- ❑ Main elements of DSO roadmap.
- ❑ Implementation plan.
- ❑ How DSO monitor implementation of roadmap actions and KPIs?
- ❑ Which steps DSO needs to take to establish roadmap?





Why DSO needs roadmap?
What are elements included in the roadmap?
What for is roadmap used?
How to monitor implementation?



AMI and deployment
of smart grid
technologies in
distribution systems

Narrow to:



New topic



AMI 2.0

Smart meter rollout in EU countries
What is the role of AMI and why it
is so important?
Architectures and communication
technologies
Integration with other systems
Cybersecurity for AMI



Regional pilot
projects for digital
grid connections
applications

Forecasting tool

Narrow to:



New topic

**DSO
digitalisation**

Define the meaning of
DSO digitalization
Current landscape in
WB DSOs
What is the final aim?
Which elements
digitalisation includes?

Thank you for your attention

... you power system

GREEN ENERGY SYSTEM

GREEN ENERGY TRANSITION



POWER SYSTEM

