

EU EIP SA4.1– Determining Quality of European ITS Services

Validation of quality proposals for MMTIS

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Presentation Outline



1 Why do we need validation?

2 What are the benefits?

3 Who are the stakeholders?

4 What are the expectations of our group?

5 What are we asking stakeholders to do?

6 What is the proposed approach?

7 What are the intended outcomes?

Why do we need validation?

Objectives

- Progress towards agreeing & defining harmonised quality criteria and levels for selected data categories of the delegated regulation for MMTIS
- By harmonising terms, methods and reporting practices we can establish a transparent, common understanding
- Working towards agreed minimum quality requirements



Our Proposal

- Carry out less formal validation
- Survey / feedback, self-assessment & information exchange based on the MMTIS Quality Definitions document

What are the benefits?



Help develop harmonisation & guidance products



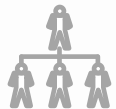
Wider engagement from stakeholder groups



Better informed participants & stakeholders



Stakeholders can gain insight into own data & quality processes



Share knowledge & experiences

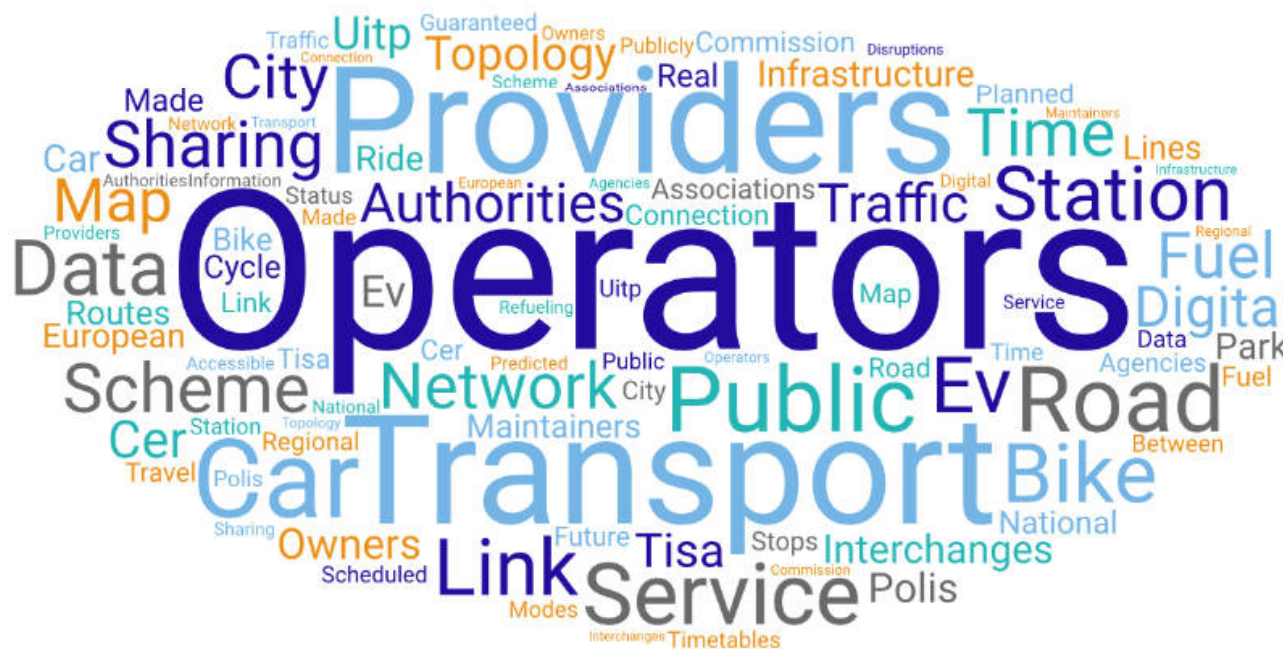


Greater chance of successful project outcomes

Who are the stakeholders?

From the previous workshop and group deliverables we have identified many potential stakeholder groups

Knowledge,
understanding
& influence



Working with regulation
MMTIS data types

Within each organisation
can be both higher level
stakeholders & those
working more closely with
specific data quality
aspects

What are the expectations of our group?



1

Work towards agreement on the **service criteria**

2

Work towards agreement on the **service levels**

3

Progress **assessment methods**

4

Engage with stakeholders

5

Support stakeholders in this next phase

What are we asking stakeholders to do?

Participate, be engaged, provide as much input as you can!

Specific inputs in the validation tasks

- Continuation of the processes that we have started here - covering refinement of criteria & target levels
- Details of your existing quality assessment methods

To consider

- What is minimum quality?
- What do you think is necessary to describe and measure data quality?
- What is feasible?

What is the proposed approach?



Two phases of validation

1	Survey covering the quality criteria & proposed levels	April – May
2	Self-evaluation & methodologies	June – September

What is the proposed approach?

Phase 1 Survey covering the **quality criteria** and **proposed levels**

Building on the group work carried out earlier today

Your responses on the relevance of the criteria, interpretation and levels (particularly the minimum / basic level)

This will help define what is relevant for future phases of the validation work

Form-based or online

What is the proposed approach?



We have a set of proposed quality criterion for selected MMTIS services

MMTIS Service	Quality Criteria										
	Geographic coverage	Availability	Timeliness (start)	Reporting period	Timeliness (update)	Latency (content side)	Location accuracy	Error rate	Event coverage	Report coverage	Completeness of data
Connection links where interchanges may be made	•	•					•	•			•
Network topology and routes / lines (topology)s	•	•					•	•			•
Timetables	•	•						•		•	•
Planned interchanges between guaranteed scheduled services	•	•					•	•			•
Road network	•	•					•	•		•	•
Cycle network	•	•					•	•			•
Park & Ride stops	•	•					•	•		•	•
Publicly accessible refueling stations	•	•			•	•	•	•		•	•
Disruptions (all modes)	•	•	•	•	•	•	•	•	•	•	
Real-time status information	•	•	•	•	•	•		•	•	•	•
Future predicted road link travel times	•	•		•	•	•		•		•	
Bike sharing stations	•	•					•	•		•	•
Car sharing stations	•	•					•	•		•	•

What is the proposed approach?

Phase 2

Self-evaluation & methodologies

Self evaluation of datasets

Looking at datasets and criteria relevant to you

Report using our quality criterion, use your own assessment methods

Provide the results and feedback on the exercise

What was the process, was it easy to undertake the evaluation, is it carried out anyway, was all the information required accessible, any issues....?

Excel template and guidance document

What is the proposed approach?

Phase 2

Self-evaluation & methodologies

Analysis of assessment methodologies

Information gathering exercise on the methods you use

Fit / Gap Analysis on stakeholders methodologies and those we have examined

Stakeholder feedback on suitability of the proposed methodologies

Form-based with guidance documents

What are the intended outcomes?

Measurement of success



Engage with a diverse range of MMTIS stakeholders



Receive inputs covering 2/3 of the services & quality criteria



Work towards agreement on service criteria & levels



Receive at least one existing assessment method from all participating stakeholders



Receive sufficient feedback to draft the Quality Assessment Methods chapter of the project Deliverable

What are the intended outcomes?

Outputs



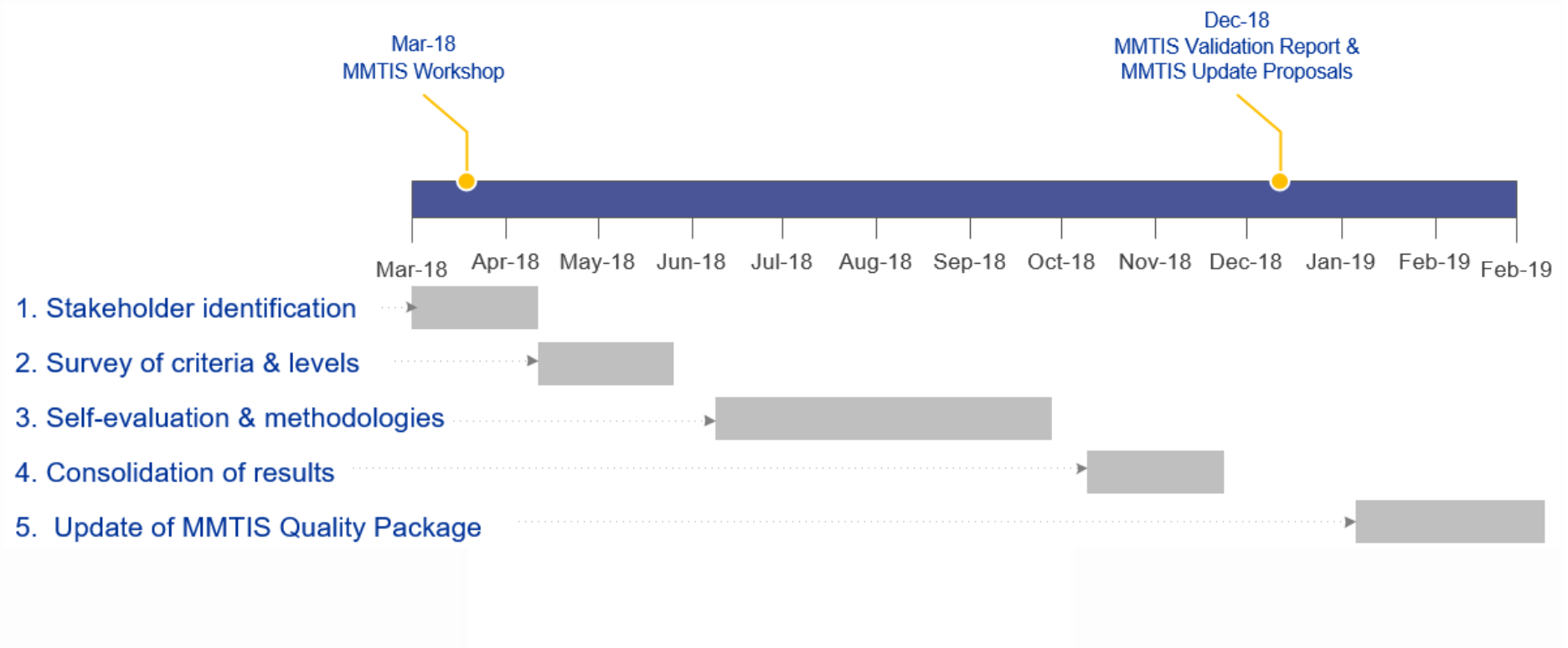
Workshop Report and supporting materials

MMTIS Validation Report

New version of the MMTIS Deliverable
inc. stakeholder reviewed criteria, target levels,
& preliminary assessment methods

What are the intended outcomes?

Indicative timeline



Discussion Questions



- What value do you see in the Quality Proposal of EU EIP?
- Would you like to be further involved in elaborating a validated Quality Package?
- How can your organization contribute to the Validation process?
- Are you aware of other stakeholders that might be interested in the Validation process?