



Webinar | WP4 Kick-off meeting

Data Semantics, Formats and Quality

DG CNECT

Directorate-General
for Communications
Networks, Content and
Technology

DG GROW

Directorate-General
for Internal Market, Industry,
Entrepreneurship and SMEs

DIGIT

Directorate-General
for Informatics

Agenda

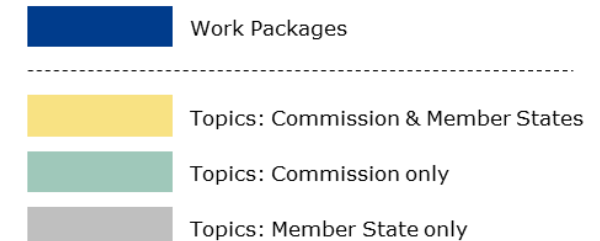
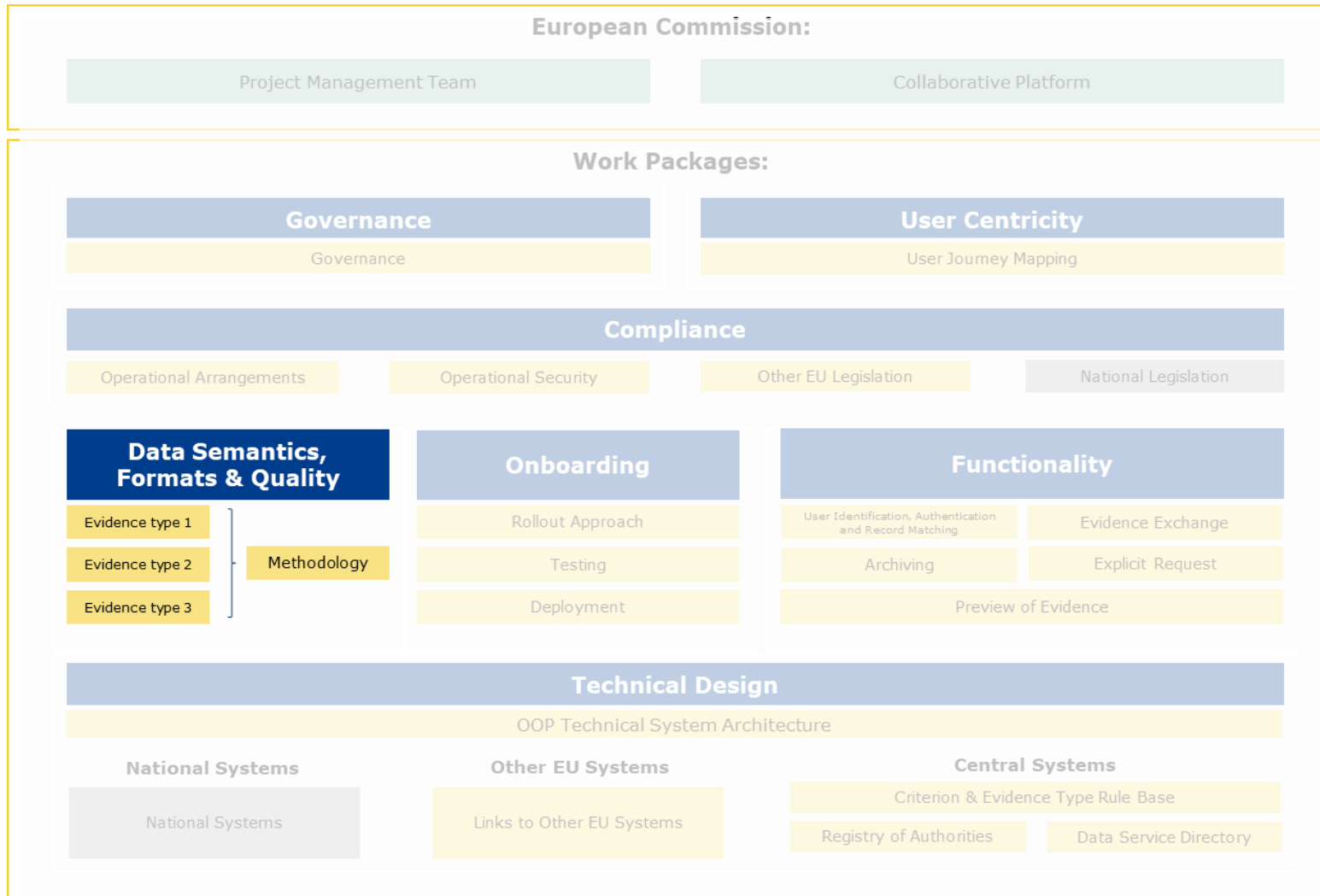
1. Welcome
2. Collaborative space onboarding
3. State of play per Member State
4. Governance
5. Objectives and scope of the WP
6. Approach, interactions and consensus building
7. Timeline and milestones
8. Closing

1. Welcome

Speakers: Natalia Aristimuño, Miguel Alvarez Rodriguez and Seth van Hooland

Planning: the first wave of Work Packages

Phase 1 : April – end of September 2020



2. Collaborative space onboarding


Access to the SDG Once-Only collaborative space


Speaker: Rena Gurbanova

Onboarding to the SDG Once-Only Collaborative Space

Service desk: <https://ec.europa.eu/cefdigital/tracker/plugins/servlet/desk/portal/15>

SDG Once-Only Collaborative Space: <https://ec.europa.eu/cefdigital/wiki/x/IIG3CQ>

 Request access

Raise this request on behalf of
 Rena GURBANOVA

Summary
I am interested in joining Data Semantics WP

On behalf of
Belgium

Community access
✖ SDG Once-Only Collaborative Space

Additional information supporting the request *(optional)*
I am a Contributor for Data Semantics WP.

Please choose a Member State

Please choose a community you want to have access to

Privacy statement
☒ I have read and understood the Privacy Statement
[Click here to see the privacy statement](#)

Consent
☒ I hereby give my consent to personal data processing as described in the Privacy Statement

I understand that I have the right, as data subject, to access data relating to me, to be informed about the existence and the extent of data processing, to rectify incorrect personal data as the case may be and to oppose further processing on serious and legitimate grounds. I can freely withdraw my consent at any time. In that case, all processing operations that were based on my consent and took place before the withdrawal of consent remain valid.

Create

Cancel

3. State of play per Member State

Presentation per Member State

Speaker: Member States' representatives

State of play per Member State

- Two minutes presentation of the state of play per Member State
- Please mention :
 - Your role in relation with the SDG
 - Domain experts who are part of your team in relation with the types of evidence
 - Expectations from this work package

4. Governance

Roles and expectations

Speaker : Seth van Hooland

Roles and expectations



Roles and expectations

Member State participation - OOP Data Semantics, formats and quality

Created by Christophe Bahim, last modified 22 minutes ago

Please complete the template / table below by listing representatives from your country (with the "@" symbol), their organisation, function and role (as illustrated in section three of the [approach](#)).

By using the "@" sign, you can reference people using their EU Login name so they get custom notifications, for example

@Christophe Bahim

	EU / EEA Member State	MS Representative	Organisation	Function	Role
1	Austria (AT)				
2	Belgium (BE)				
3	Bulgaria (BG)				
4	Croatia (HR)				
5	Republic of Cyprus (CY)				
6	Czech Republic (CZ)				

Please populate the following fields:

1. MS Representative
2. Organisation
3. Function
4. Role

<https://ec.europa.eu/cefdigital/wiki/display/SDGOO/Member+State+participation+-+OOP+Data+Semantics%2C+formats+and+quality>

5. Objective and scope of the WP

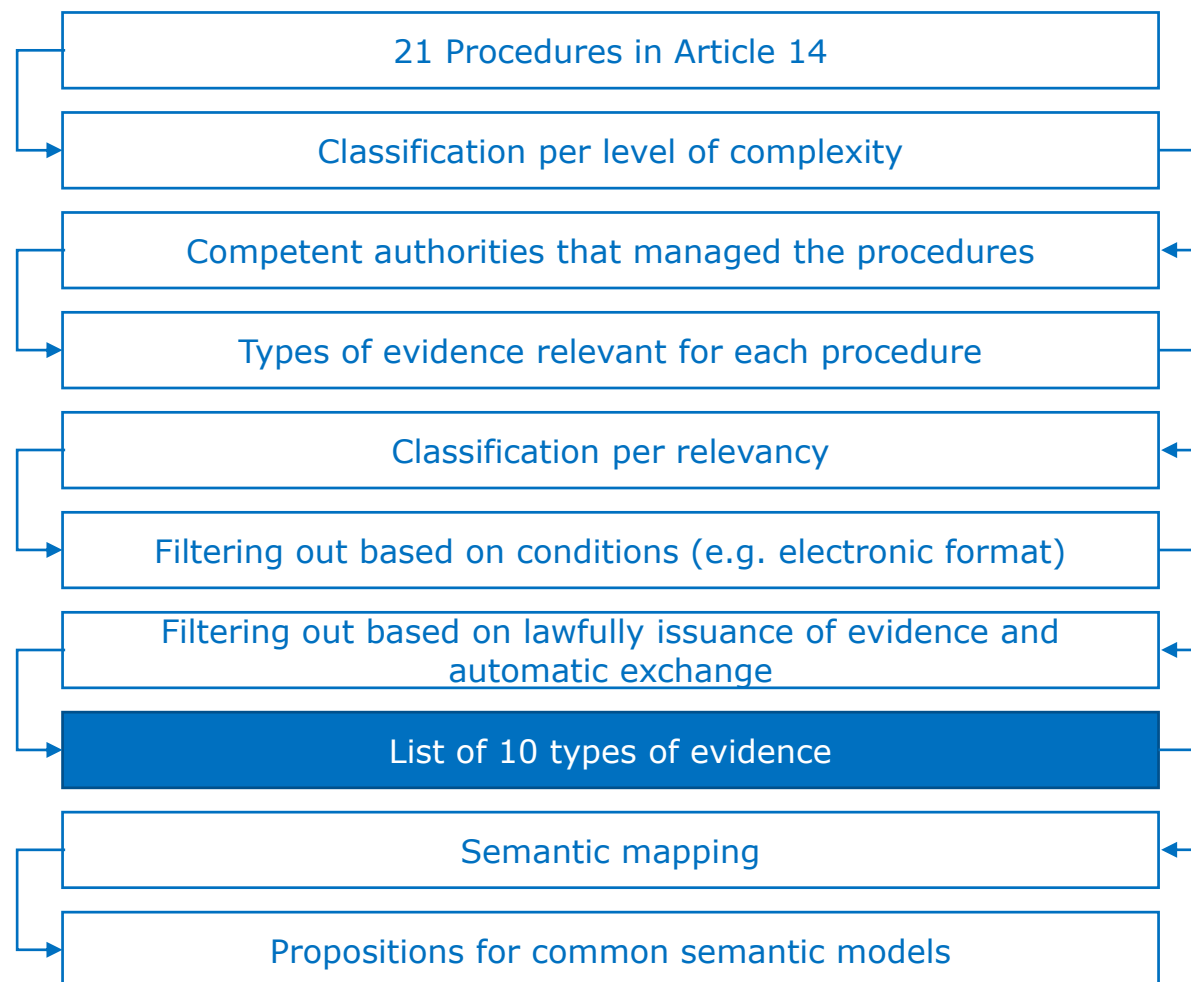
Starting point and approach

Speaker: Makx Dekkers

Starting point| Preliminary study and conclusions

Data mapping for the cross-border application of the Once-Only Principle

Based on a selection process, a list of 10 types of evidence is provided that are consider to be the most relevant for cross-border exchange within the scope of the study authored by Deloitte



Starting point| List of evidence

Data mapping for the cross-border application of the Once-Only Principle

Category of evidence	Evidence
Vital records and personal public documents	Birth certificate
	Marriage certificate
Justice	Extract of criminal records
Taxation	Income tax declaration certificate
Vehicles	Vehicle registration certificate
Social security	Social security registration certificate
Education	Certificate of completion of secondary education
	University diploma
	University diploma supplement
	Records of results from a given academic year

Common data models

For a selected set of evidences, the WP will develop a set of **common data models** following an incremental or phased approach that best serves the interests of the SDG regulation and the Member States (MS)

Methodology

Relying on the first objective – and in parallel – the WP will **develop and test a methodology for defining further common data models**, formats and quality for the exchange of evidence between the Member States

1

10 of the most relevant types of evidence

2

Collaborative process to develop one common data model per evidence

3

Two rounds and one public review per round to develop common data models

4

Verify the completeness of the proposed common data models

5

Share metadata of importance for the types of evidence selected

6

Delivery of common data models and methodology

Evidence's prioritisation

Responses

①	Birth Certificate	7 out of 8
②	Marriage certificate	6 out of 8
③	Certificate of income tax declaration	5 out of 8
④	Vehicle registration certificate	4 out of 8
⑤	Certificate of completion of secondary education	4 out of 8

Proposed approach

Majority of respondents **agreed** with the **proposed approach**.

- Pieces of evidence not covered by this WP (e.g. extract from business register)
- Definition of evidence: domain experts vs semantic experts

Considerations

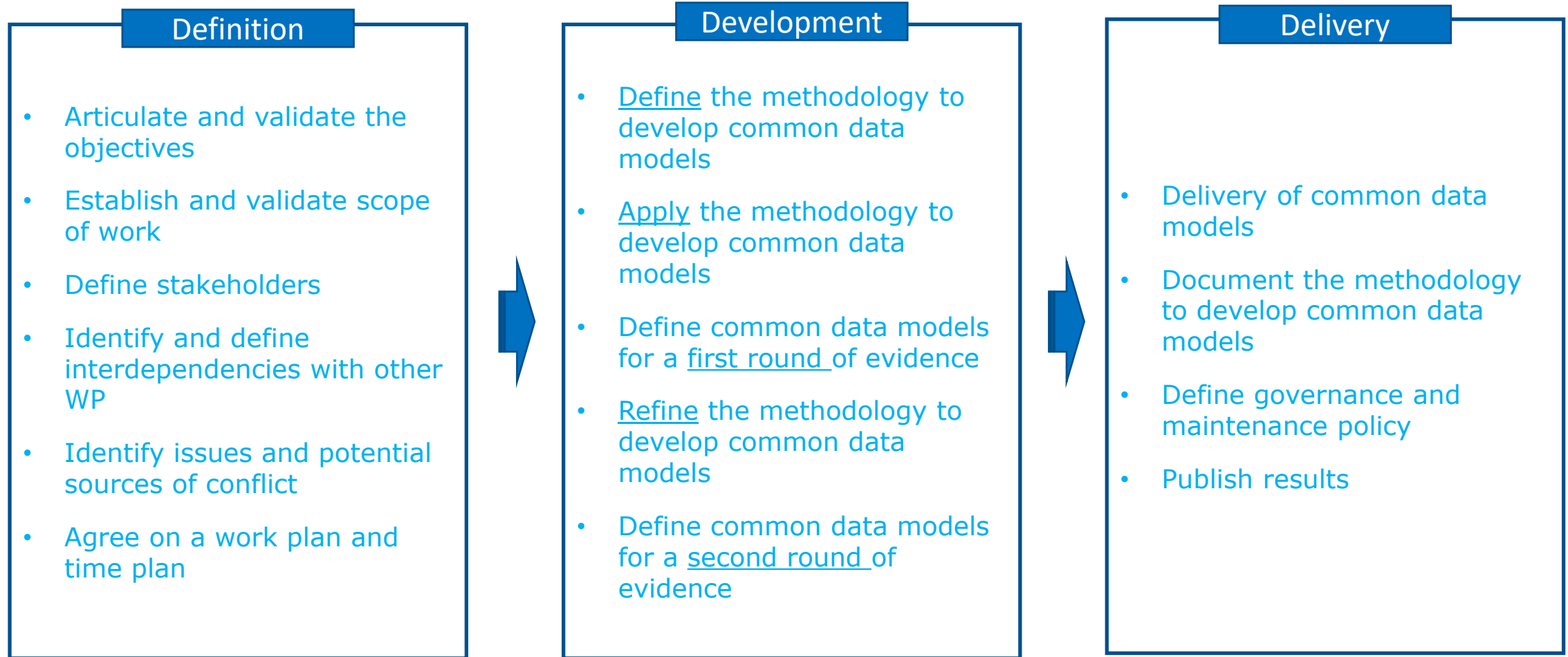
Issues previously brought up by Member States

- WP4 considers both data and documents as evidence
- ISA² existing work is used as basis for
 - Common data models | *Core vocabularies*
 - Methodology | *Semantic agreements*
- Consideration of data quality
- Collaboration with DE4A
- Cooperation with *Work Package 7* on criteria and evidence type rule base (CETRB)

6. Approach, interaction and consensus building

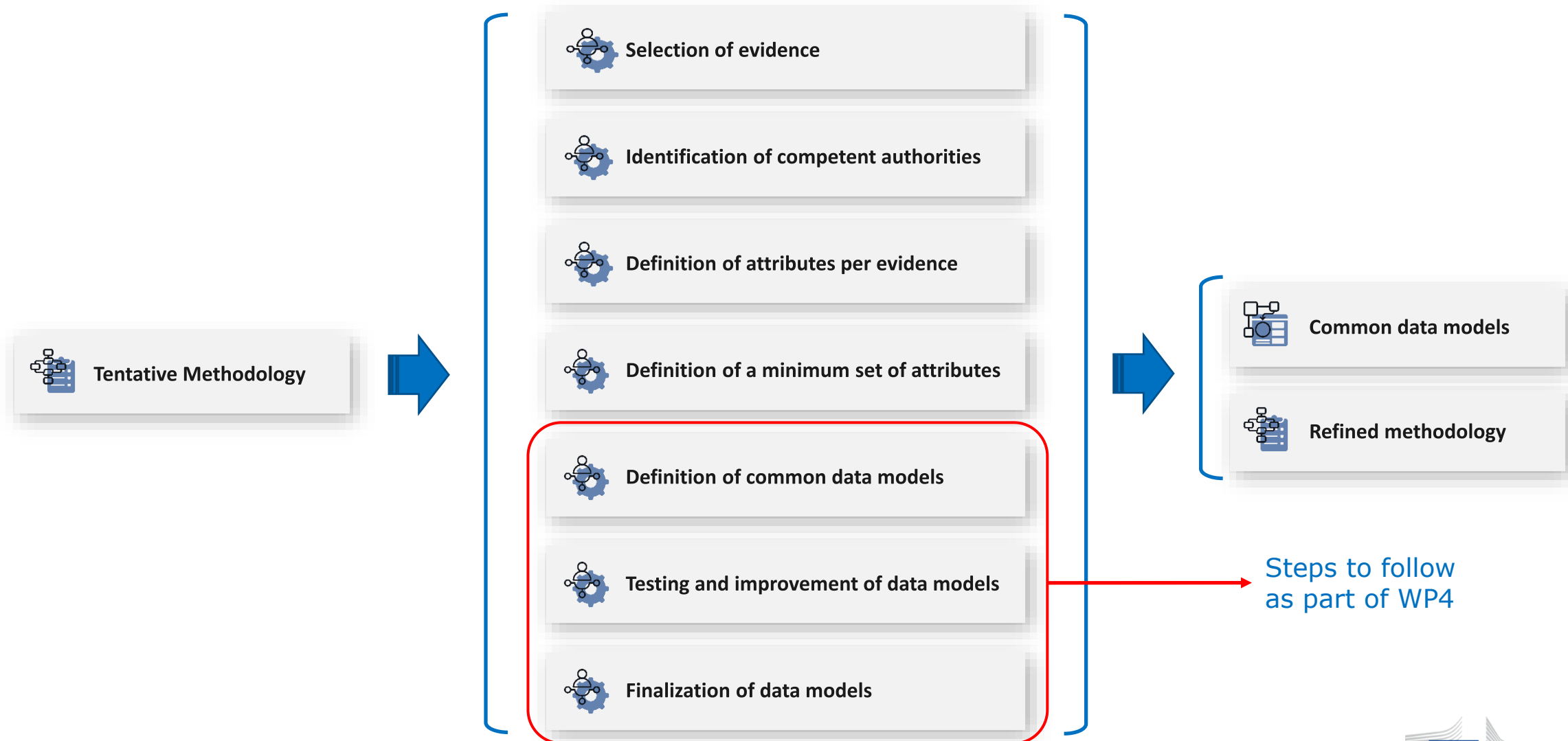
Speaker: Makx Dekkers

Development lifecycle to structure the Work Package



Approach | Methodology to be developed

Methodology to develop common data models



	Process step	Description
1	Plan	<ul style="list-style-type: none">• EC and editors set a date• EC invites the MS
2	Prepare	<ul style="list-style-type: none">• EC and editors prepare the material and agenda (e.g. list of discussions items, propositions to solve outstanding issues, etc.)
3	Webinar	<ul style="list-style-type: none">• Editors present the results of the preceding period• Editors identifies open issues for discussion• MS discuss the issues• MS work towards a consensus• MS agree tasks for the next period
4	Report	<ul style="list-style-type: none">• Editors document meeting and decisions• Editors publish a new draft version of specification
5	Follow-up	<ul style="list-style-type: none">• MS work on agreed tasks using the adequate collaborative workspace• Editors moderate the work carried out by the MS



Roles and expectations

Birth certificate

General information related to the evidence

EU / EEA Member State	MS Representative	Domain Experts	Confirmed authentic source (<i>lawfully issuing evidences</i>)
Austria (AT)			MISSING
Belgium (BE)			MISSING
Bulgaria (BG)			Municipalities
Croatia (HR)			Ministry of Public Administration
Republic of Cyprus (CY)			MISSING
Czech Republic (CZ)			No central database currently exists, but will in the near future

Please populate the following fields:

1. Domain Experts
2. Confirmed authentic source (lawfully issuing evidence)

7. Timeline and milestones

Outline of a work plan, milestones

Speaker: Makx Dekkers

Tentative timeline and milestones | First phase

	Owner	June		July				August				September				
		22nd	29th	6th	13th	20th	27th	3rd	10th	17th	24th	31st	7th	14th	21st	28th
Feedback on expectations, work plan and methodology	MS															
Define roles and profiles	MS															
Identify domain experts needed for the evidence selected	MS															
Validation of competent authorities for the selected evidences	MS															
Analysis of the proposition for common metadata models [study] for the selected evidences	MS															
Collect and share metadata (at national level) for the selected evidences	MS															
Definition of a minimum set of attributes for the evidences selected	ED															
Definition of common data models	ED															
Testing and improvement of data models	MS															
Finalization of common data models	ED															



WP webinar

8. Closing

Next steps and meetings

Speakers: Seth van Hooland and Miguel Alvarez Rodriguez

Action items and next steps

Action items by the 1st of July

- Feedback on expectations, work plan and methodology
- Define roles and profiles
- Identify domain experts needed for the evidence selected
- Validation of competent authorities for the selected evidences
- Evidence prioritization | Survey

Next tentative webinars

- 8th July 2020
- 29th July 2020
- 2nd September 2020
- 30th September 2020 [*Closing webinar for the first round of evidence*]

Any other business?



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ISA² Programme



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