ICEG Building Thematic Webinar #3, Meeting Report

Attendees

Attendee Name	Affiliation
Christophe Van Loo	Digitaal Vlaanderen
Claude Hannecart	CIRB/CIBG/BRIC
Cindy Valvekens	Stad Leuven
Bart Boute	WVI
Evy Dewinter	FOD Finance
Fabien Krzewinski	CIRB/CIBG/BRIC
Geert Thijs	Digitaal Vlaanderen
Grégoire Verhulst	Belgian Buildings Agency
Hugues Lorent	Nationaal Geografisch Instituut (NGI)
Johan Boogaerts	Fednot
Leticia Garcia	CFWB
Marc Bruyland	FOD BOSA
Martin Erpicum	CFWB
Catalin Turlica	CIRB/CIBG/BRIC
Benoît Fricheteau	CIRB/CIBG/BRIC
Jan Laporte	Vlaanderen
Jordan Ikalulu	Nationaal Geografisch Instituut (NGI)
Florian Barthelemy	PwC
Christophe Bahim	PwC
Yaron Dassonneville	PwC

Agenda

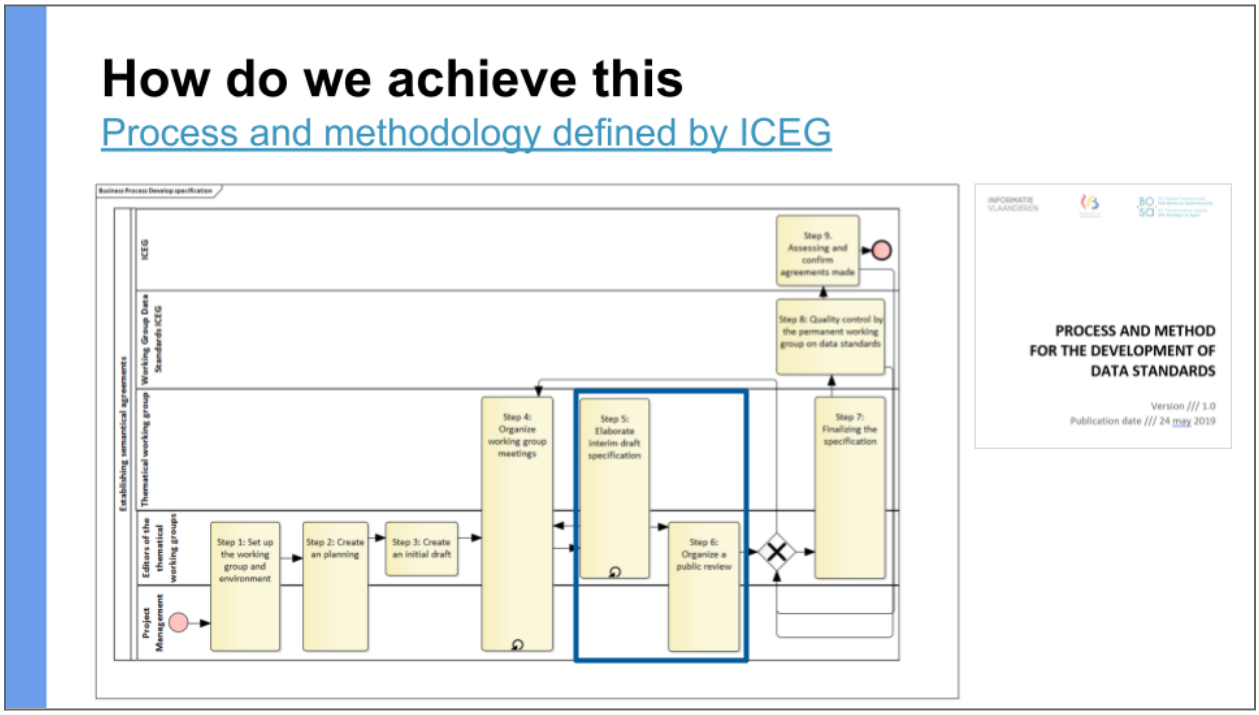
Date: September 28, 2022 (9:00 - 10:30)

Welcome
Process, input and timeline
Booster on the legal framework by *Benoit F.*
Presentation and discussion of the latest version of the model

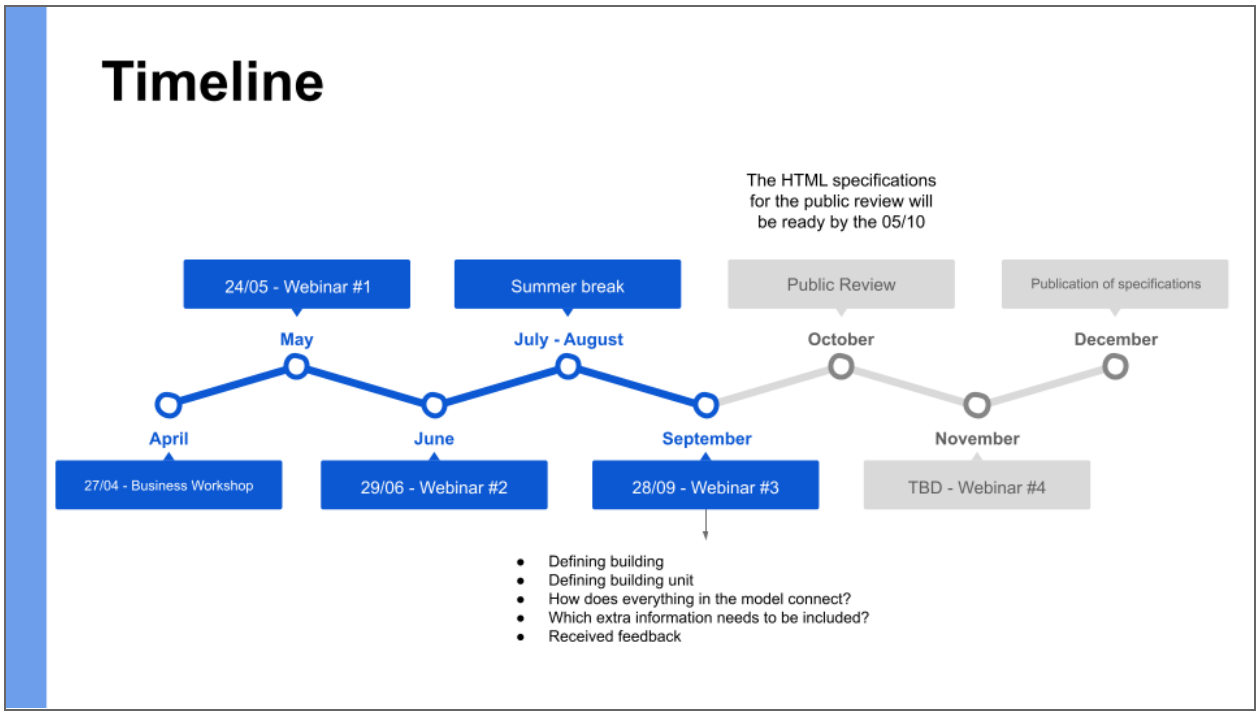
Kick-off of the public review period
Next steps

Meeting Minutes

Welcome



- Prior to the webinar, a new version of this model was developed and published on the ICEG thematic repository. This new version took into account the feedback from the previous webinar and feedback raised via GitHub (e.g., changes to 'entranceLocation', addition of 'dateOfRenovation' and 'entranceLocation' to 'BuildingUnit', renaming of 'Langstring' to 'LangString' and 'GetypeerdeString' to 'Literal' and 'HorizontalGeometryEstimatedAccuracy' and 'VerticalGeometryEstimatedAccuracy' repositioned in the parent class). This version served as a basis for discussion.



- This webinar was the last webinar before the start of the public review period, which means the model will be frozen. This review period is important as it is the final period for you to provide feedback on the models before publication. An updated specification will be published in HTML on the repository so the working group members can give feedback and further input on this model. More detailed information can be found in the next steps section.

Legal framework

- A presentation was given by Benoît F. on the legal framework of modeling buildings. Benoît reminded the Working Group of the legal framework and how binding it was, the state of play and next steps. Benoît referred to the regulation 1089/2010 which is about interoperability of spatial data sets and services[1] as well as the cooperative agreement BUNI, and how INSPIRE is the norm to model buildings (semantic model extended with technical guidelines). Benoît drew the attention to discrepancies between ICEG building and the recommendations made by INSPIRE, which makes it non-conformant. As a conclusion, Benoît stressed the importance of ensuring compliance with INSPIRE, so that all the ICEG stakeholders can reuse the to-be-built model. The slides presented can be consulted here.

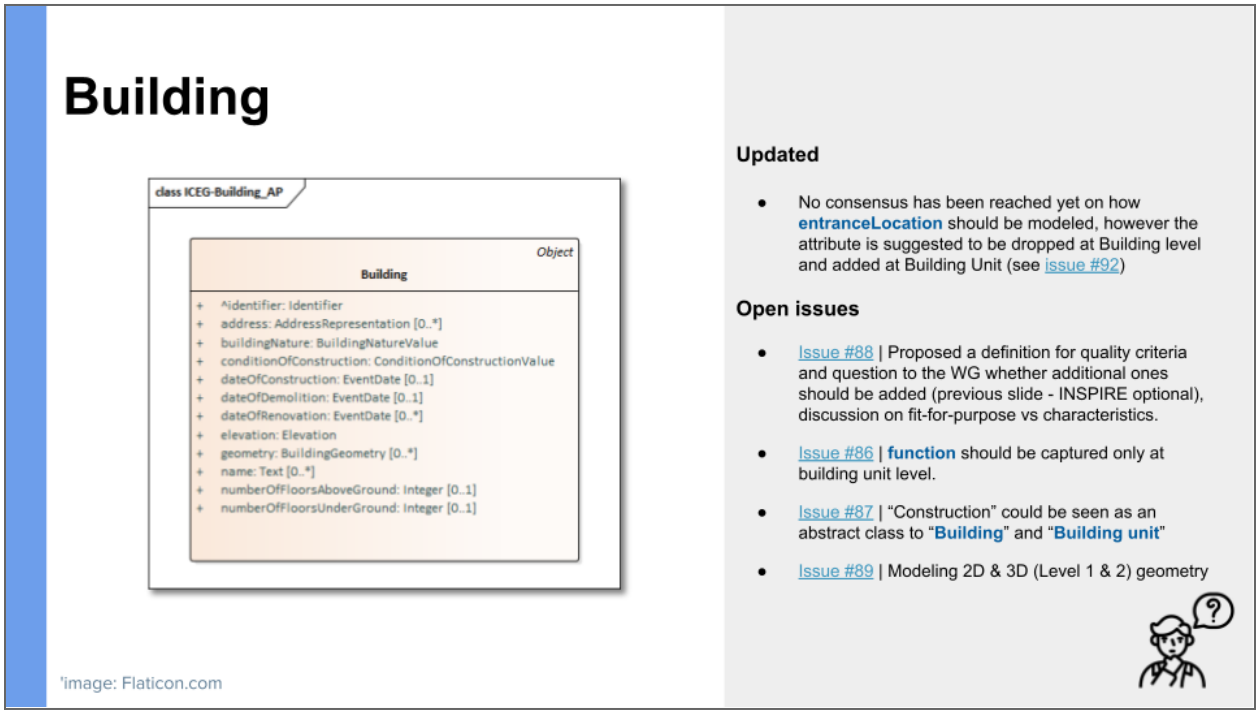
- During this part of the presentation a discussion was held around being INSPIRE compliant. It was discussed that OSLO and BUNI align their models as much as possible to INSPIRE. Within OSLO and BUNI more possibilities are added to the INSPIRE model. OSLO tried to address some of the unclarities in INSPIRE. The

[1] https://eur-lex.europa.eu/eli/reg/2010/1089

Flemish region mentioned for example the expansion of INSPIREid, name of a building, the creation of uri's which are non-existent in INSPIRE. Next to that it was mentioned that the use cases within ICEG Building are broader than only delivering data to INSPIRE. Next to that it was discussed that there should be made a distinction between the INSPIRE model and being INSPIRE compliant.

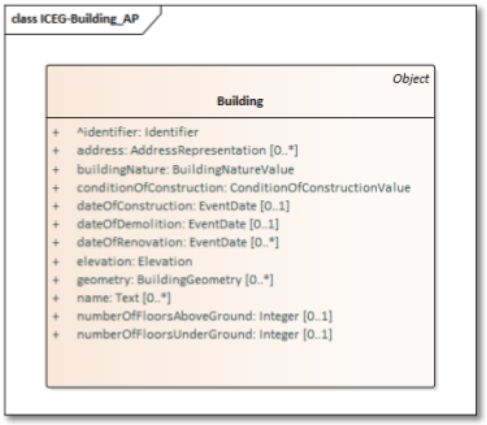
- The working group agreed to continue the discussion after this webinar to have a look at how ICEG can be INSPIRE compliant without losing sight of the Belgian needs.

Presentation and discussion of the latest version of the model



- The attribute "entranceLocation" was dropped within the "building" class as discussed last webinar as well as on GitHub.
- Out of the working group a question was raised about the patrimonial value of a building as part of the quality criteria. There were two opposing views raised. A suggestion to add it as an additional attribute was made. Conversely, it was stated that it is a quality aspect for a cadastral context and does not need to be part of the "Building"-model.

Building



'image: Flaticon.com

Issue #88 | Quality criteria

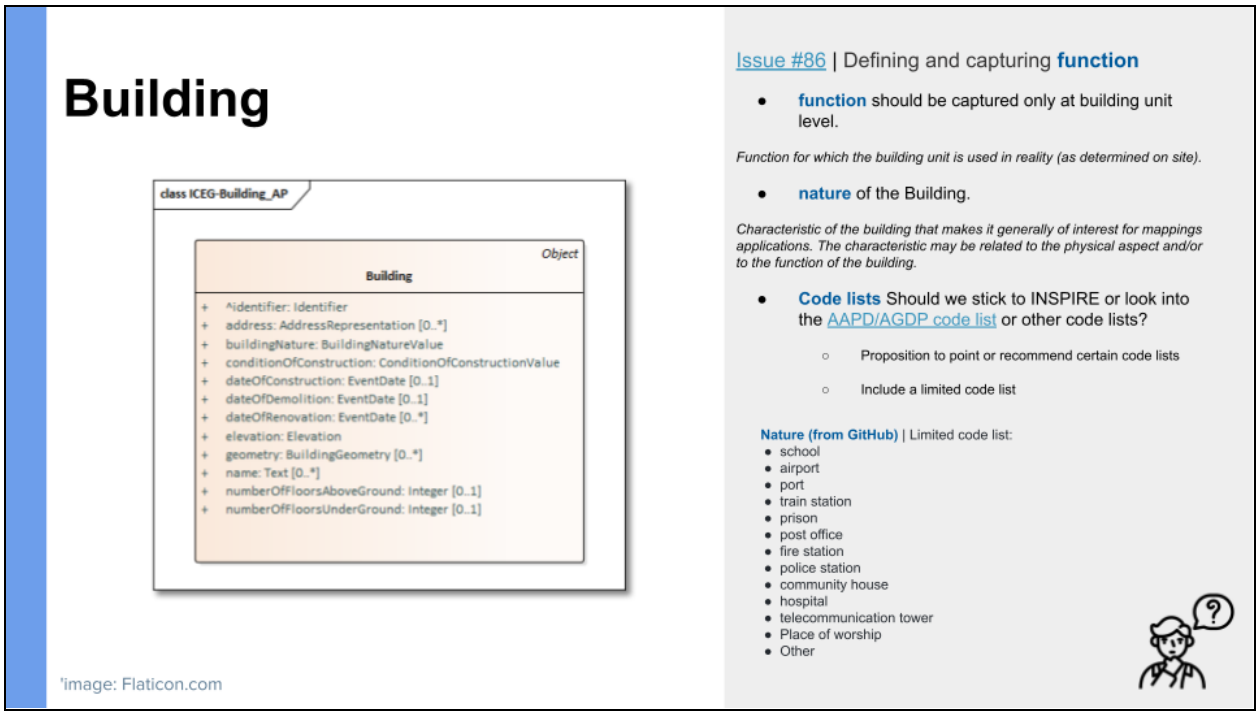
- **What is meant with quality criteria?** Characteristics that determine whether a building is fit for purpose.

Merriam-Webster → "peculiar and essential character", "an inherent feature, property"

Cambridge English Dictionary → "Quality" is defined as "a characteristic or feature of someone or something".

- **Fitness for purpose is an abstract concept.** It supposes that we capture clearly the purpose as well as agree on the characteristics supporting the various purposes. We propose to focus on fundamental characteristics.
- Are there **fundamental characteristics** that could be added to our model? See INSPIRE optional elements for inspiration.

- The project team asked the working group how to tackle the open issue about the quality criteria of a "Building". The project team presented the potential interpretations, i.e., qualities, as characteristics captured in the model and quality criteria, as to validate whether a building(unit) is fit for purposes (which is abstract). The working group agreed on not including quality criteria as an additional attribute as it is already covered in different attributes and specific "quality criteria" elements are very domain specific.

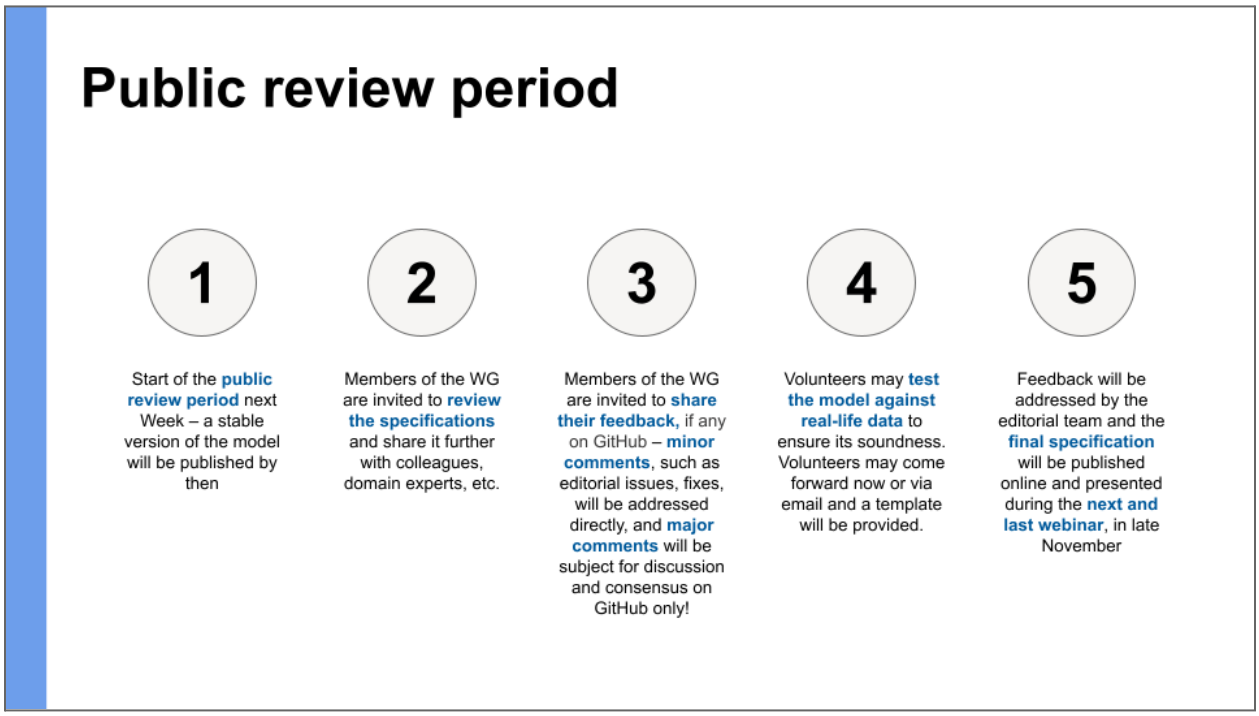


- "Function" was also discussed by the working group. It was suggested additional elements should be added to the enumerations of "Function" for the federal police to be able to properly document the function of a building. Next to that function should only be part of a "Building unit", aswith this you can derive, by extension, the function a "Building".

- The Flemish region (Building authentic sources) stated that it is not desirable to add additional attributes because there is a need to achieve completeness of the information. The more attributes, the less completeness and correctness is achieved. It was stated that it is better to keep it high level instead of having an extensive attribute.

- It was agreed to enrich the elements of the 'functionValue' and 'ConstructionNatureValue'. A discussion will be held on GitHub on which additional elements are needed.

Next steps



- The project team presented the timeline for the next coming months. The public review period will start the week of the 17th of October. During this public review period members of the working group are invited to review the specifications to share their feedback, if any. Feel free to also share this further with any colleagues.
- Volunteers may test the model against real life data, i.e. mapping the model with data to investigate whether the model caters for the business needs. These volunteers may come forward via email and a template will be provided.
- Feedback will be addressed by the editorial team and the final specification will be published online and presented during the next and last webinar, in late November. As a reminder, the objective is not to discuss new feedback in the last webinar. Those of you who have not yet submitted any input and still intend to, we encourage you to do so as soon as possible, so that we can reach resolutions with the group in the remaining time available.