



DRAFT New Work Item Proposal	
CEN/TC 442/WG 6 – Building Information Modelling (BIM)/[Infrastructure	
Secretariat: Standard Norway	Proposal documented in
Date of circulation: tbd	Closing date for voting: tbd

Proposal

0. This proposal relates to

the creation of a new project in the committee's work programme (stage 10.99)

the creation of a preliminary project in the committee's work programme (stage 00.60)

the activation of a project currently registered as a Preliminary Work Item in the committee's work programme: PWI XXXXX

1. Deliverable

European Standard (EN)

Harmonization Document (HD) – *for CENELEC only*

Technical Specification (TS)

Technical Report (TR)

2. This item corresponds to

A new project

An amendment to the EN XXX

The revision of EN XXX

The conversion of TS XXX into an EN

The conversion of ENV XXX into an EN

The revision of TS XXX

The revision of TR XXX

3. Explain the purpose and give a justification for this proposal

There is a general agreement about the lack of infrastructure expertise being involved in the current development of standards. Although the overall handling of information as described in the ISO 19650 series will equally apply to infrastructure projects the actual deliveries may vary, as would the expected level of information need in accordance to project information requirements. This proposal aims for mapping the discrepancies of the ongoing development and to list a set of recommendations for the future development of additional standards or adjust the ones being under development.

4. Stakeholder categories immediately affected by the proposal

<input checked="" type="checkbox"/> Industry and commerce	<input type="checkbox"/> Societal consumer groups	<input checked="" type="checkbox"/> Standards application
<input checked="" type="checkbox"/> SMEs	<input type="checkbox"/> Labour	<input type="checkbox"/> Non-governmental organization (NGO)
<input checked="" type="checkbox"/> Government	<input checked="" type="checkbox"/> Academic and research bodies	<input type="checkbox"/> Environmental stakeholders
<input type="checkbox"/> Consumers		
<input type="checkbox"/> None of the above categories		

5. How will these Stakeholders benefit from or be impacted by the proposed deliverable?

The EN ISO 19650 series is about to be published (ISO 19650 Part 1 and 2 are published in December 2018) and the implantation within the infrastructure sector depends on the applicableness of the documents and the acceptance of infrastructure stakeholders. Thus, demanding the series to be consistent from the 19650 through to adjacent documents.

In order to compensating for the general lack of representatives from the infrastructure sector we will try to attract them to the work by establishing a dedicated group, thus to introduce stakeholders to the work that is currently carried out and engage them in the discussion.

6. Document developed in drafting body

Existing drafting body (*please give name and title*):

CEN/TC 442/WG 6 Infrastructure

New drafting body (*please give name and title*):

7. Titles

English title:

BIM in infrastructure projects – standardization need and recommendations

French title:

(*Optional*)

German title:

(*Optional*)

8. Scope

- Identify key stakeholders, investigate existing activities and formulate the need for standardization related to the implementation of BIM for infrastructure in Europe, not covered by existing standards and ongoing standards development.
- Make recommendation on whether standards should be developed and if so, how this should be done.

9. Proposed Project Leader (including contact details) – *Optional*

Thomas Jenssen, Norway

10. Accessibility aspects

See CEN-CENELEC Guide 6:2014 Guide for addressing accessibility in standards

Accessibility aspects are relevant for this NWI (please indicate which ones):

Accessibility aspects are not relevant for this NWI

Please provide a written explanation detailing why Accessibility aspects do not apply to the current proposed WI:

11. Environmental aspects

- | | | |
|--|---|--|
| <input type="checkbox"/> Discharges to soil | <input type="checkbox"/> Discharges to water | <input type="checkbox"/> Emission to air |
| <input type="checkbox"/> Heat | <input type="checkbox"/> Noise/Vibration | <input type="checkbox"/> Other effects on biodiversity |
| <input type="checkbox"/> Radiation | <input checked="" type="checkbox"/> Use of energy | <input type="checkbox"/> Use of land |
| <input type="checkbox"/> Use of material | <input type="checkbox"/> Use of water | <input checked="" type="checkbox"/> Waste |
| <input type="checkbox"/> Risk to the environment from accidents/misuse | | |
| <input type="checkbox"/> Other: | | |
| <input type="checkbox"/> None of the above. | | |

Please provide a written explanation detailing why these environmental aspects do not apply to the current proposed WI:

12. How do you plan to address these environmental aspects?

- Bring in environmental expertise to the WG
- Contact EHD for help/support (cen.ehd@cenelec.eu)
- Use of environmental checklist
- Other:

13. Vienna/Frankfurt Agreement (parallel procedure)

No or Vienna Agreement expected CEN lead

For CENELEC only – please give a justification for not offering the project to IEC:

Yes – Vienna Agreement Parallel ISO Lead

ISO project reference:

ISO project ID:

ISO TC:

Yes – Frankfurt Agreement (project to be offered to IEC)

14. The project is based on

- No document from another organization
- An ISO/IEC document (not covered by a parallel procedure)
- Identical
 - Non-identical
- ISO/IEC project reference:
ISO/IEC project ID:
Publication date:
- A document from another organization:
- Identical
 - Non-identical
- Organization name:
Document reference:
Publication date:

15. Please indicate whether the proposed project is linked to a specific European Research and Innovation Project

- No
- Yes
- Research and/or Innovation project code:
Research and/or Innovation project acronym:
Research and/or Innovation project title:

16. Track

- Enquiry + Formal Vote
- Enquiry + COCOR + Formal Vote (for ECISS/TCs only)
- Unique Acceptance Procedure (UAP) – for CEN, BT approval is required
- Vote on TS or TR by correspondence

17. Please provide the target dates for the below key stages:

For ENs:

Dispatch of 1st Working Draft (20.60):
Dispatch of Enquiry Draft (30.99):
Dispatch of Formal Vote Draft (45.99):

For UAPs, TSs and TRs:

Dispatch of 1st Working Draft (20.60):
Dispatch of Draft for Vote (30.99):

18. Related standardization request(s) (formerly mandate):

- No
- Yes (please specify):

19. Related directive(s)

- No
- Yes
- | | |
|--------------------------|--|
| Directive reference | Candidate for citation in Official Journal? |
| <input type="checkbox"/> | <input type="checkbox"/> No <input type="checkbox"/> Yes |
| <input type="checkbox"/> | <input type="checkbox"/> No <input type="checkbox"/> Yes |

20. Relation to other legislation or established public policy.

- No
 Yes

Please specify which legislation or established public policy is/are in relation with the proposed project:

21. Is the proposed project covered by Intellectual Property Rights (IPR)?

Please indicate whether there is any knowledge of items covered by IPR(s), for instance patents, copyright, trademark, etc.

- No
 Yes

Please provide full information about these items and the identified IPR(s):

22. Commitment – for CENELEC only, to be completed for NWI request to CENELEC/BT

The following CENELEC members (at least five) are committed to participate in the development of the project: