

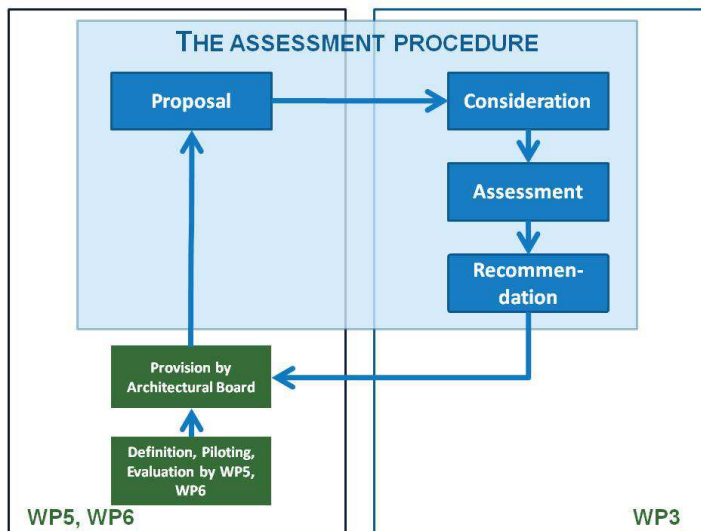


Sustainability and Maturity Assessment of Building Blocks

Our overall goal in the e-SENS project is to provide generic interoperable solutions for cross-border public services in Europe. To do this, we need to assess the sustainability and maturity of the existing Building Blocks that have emerged from the Large Scale Pilots that are relevant to the e-SENS project. This work will be undertaken by Work Package 3.

Task T3.1 of WP 3 supports the presentation and assessment of building blocks. Its main deliverable is 'Guidelines to the assessment of the sustainability and maturity of building blocks' ("Guidelines").

The assessment procedure comprises proposal, consideration, assessment, and recommendation steps (see figure). In the proposal step, the WP6 Architectural Board provides an Architecture Building Block, High level Building Block, or other evaluation target to Task 3.2. The proposal information/criteria provides general information about the proposed target of assessment, its status, items provided for assessment, and other.



The consideration criteria are used before the actual assessment, to validate information received and relevance of the proposal.

The assessment step is based on standardisation, alignment with existing policy frameworks, and business need criteria. The Assessment Panel may seek additional information from other Work Packages and external stakeholders.

In the recommendation step, criteria are applied to conclude with a classification of the target of assessment, such as Observed,

Accepted, or Recommended. This classification will be reported back to WP6 Architectural Board for using by other Work Packages.

The Guidelines are intended for assessing various types of building blocks. During a specific assessment, relevant criteria are selected depending on the target submitted for evaluation - the Guidelines are flexible and should help with assessment. For example, some criteria may be not applicable for a specific building block, so an assessment could comprise prioritization and selection of applicable criteria, or start with it. The assessments may be done iteratively, in cooperation with WP6, WP5, and other stakeholders.

The Guidelines were developed in close cooperation with e-SENS WP3 (in particular Task 3.2 'Sustainability assessment'), WP 5, and WP 6. The Guidelines build upon existing work carried out in the European Interoperability Framework and is based on the e-SENS Technical Annex v 3.0, the



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Common Assessment Method For Standards And Formal Specifications (CAMSS) methodology, the Asset Description Metadata Schema (ADMS), discussions with e-SENS project participants, and other relevant models and standards.

The Guidelines is a living document that can be updated after changes to the underlying materials, due to experience gained in the pilot assessments, the result of new agreements and other substantive changes.

