Baseline Documentation

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The HiLumi LHC Design Study is included in the High Luminosity LHC project and is partly funded by the European Commission within the Framework Programme 7 Capacities Specific Programme, Grant Agreement 284404

Contents

- Definitions
- Systems life-cycle
- Baseline documentation
- EDMS structure
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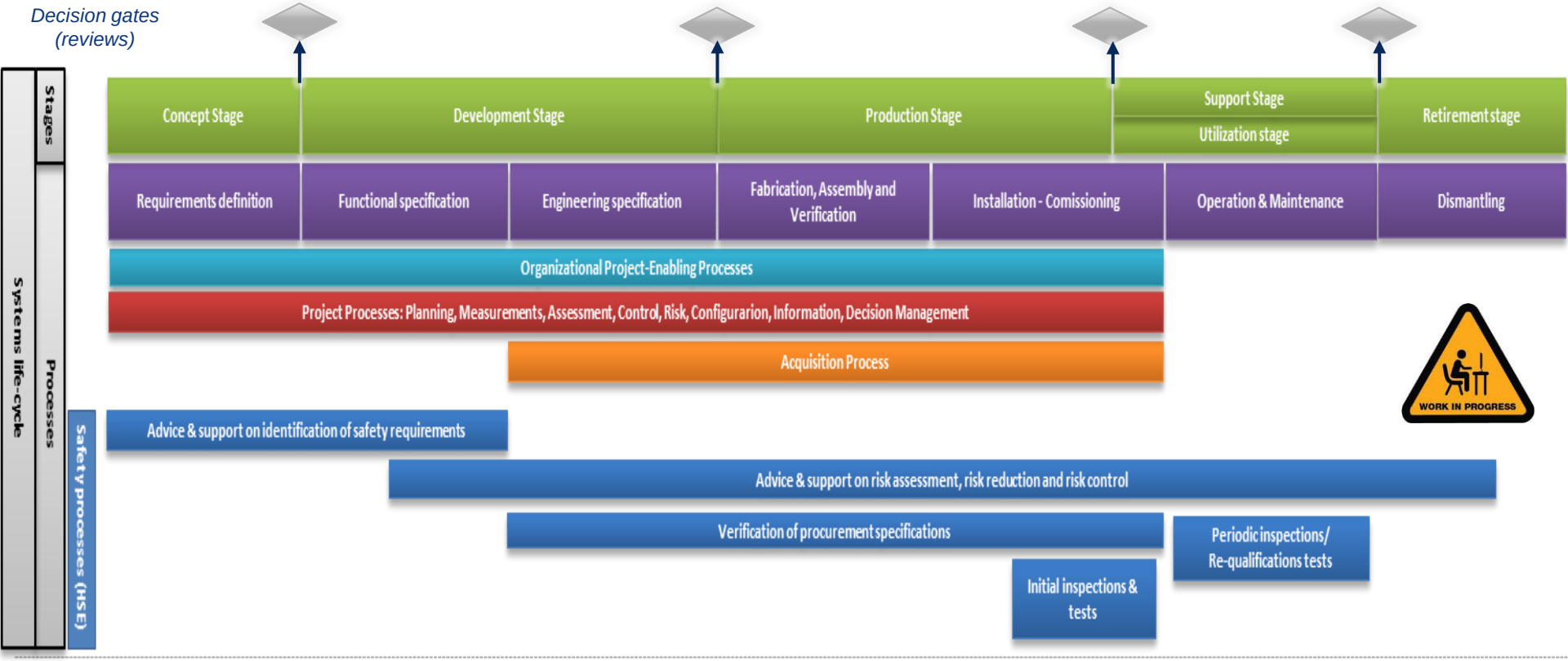
Definitions

Baseline documents:
Documents that will have to be stored and updated until the dismantling of the LHC.

Non-baseline documents:
Documents that are required for the well functioning of the project but which storage will not be considered critical after the commissioning phase.

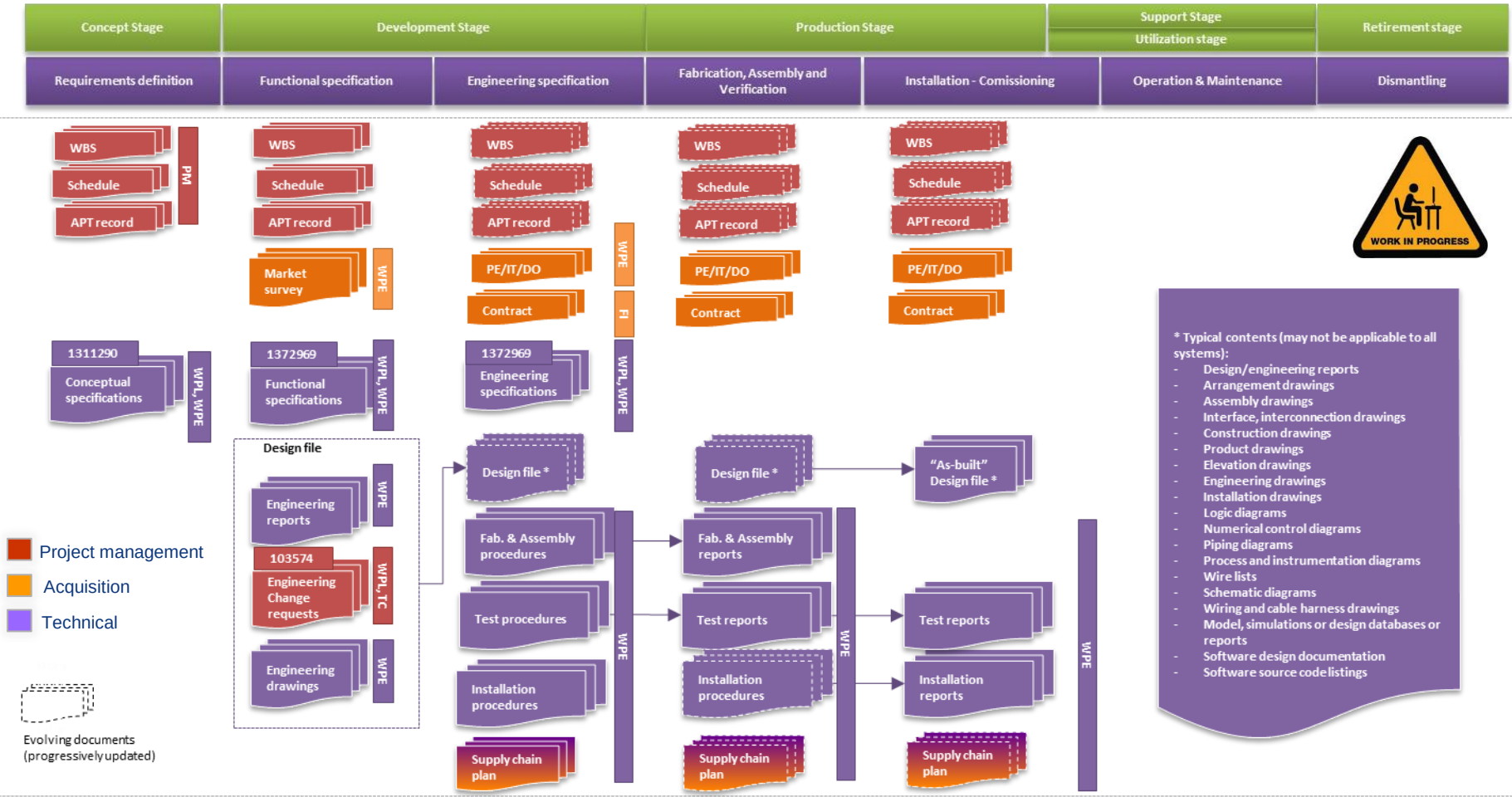
HL-LHC is an upgrade of LHC and therefore all documents will be stored and managed according to LHC procedure

Systems life-cycle



Baseline documentation (1/2)

EDMS: 1361462

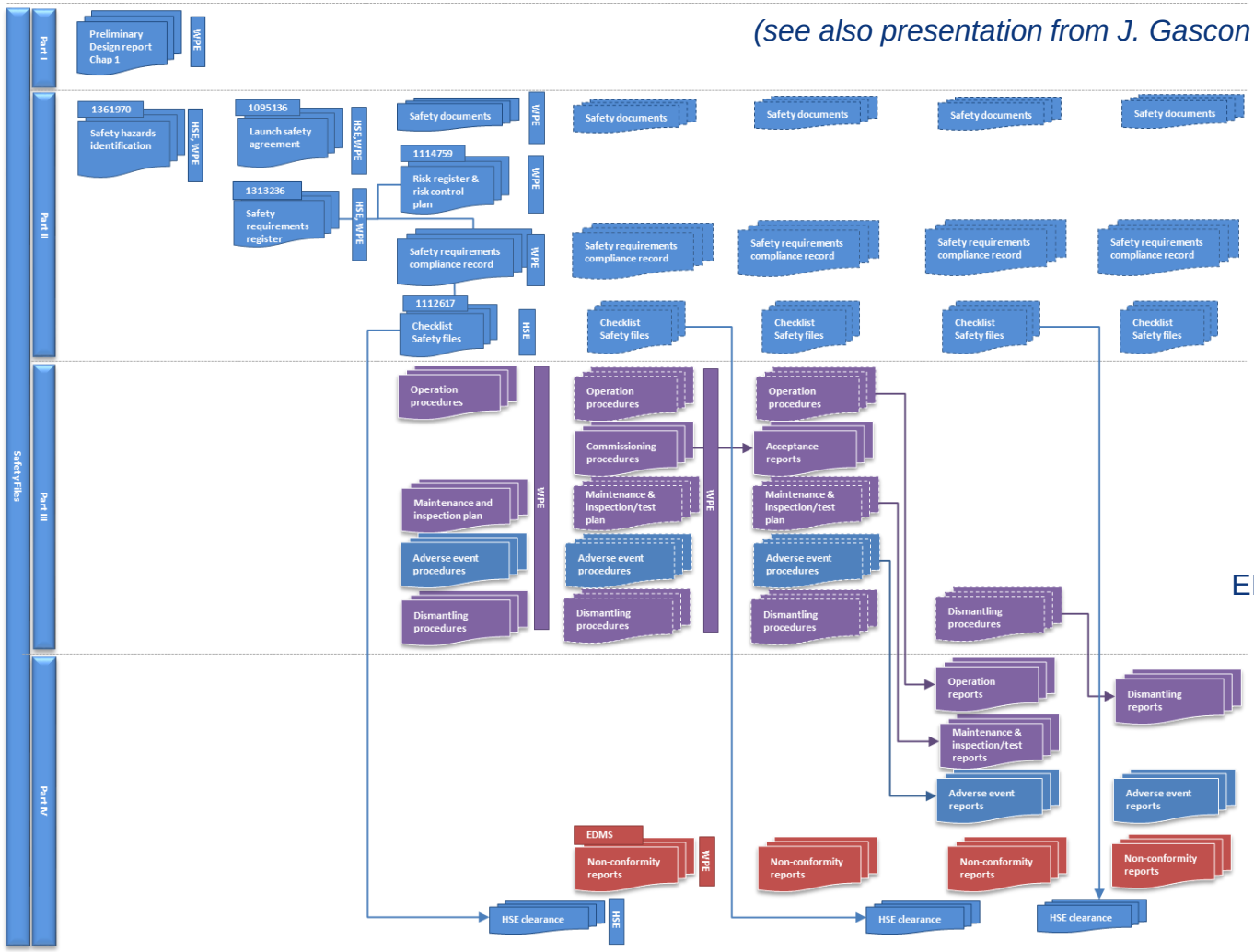


Baseline documentation (2/2)

Safety File

Links to already existing documentation will be made, whenever required

(see also presentation from J. Gascon & Th. Otto)



Project management

Safety

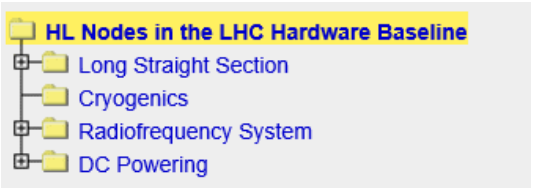
Technical

Evolving documents (progressively updated)

EDMS: 1361462

EDMS structure (1/2)

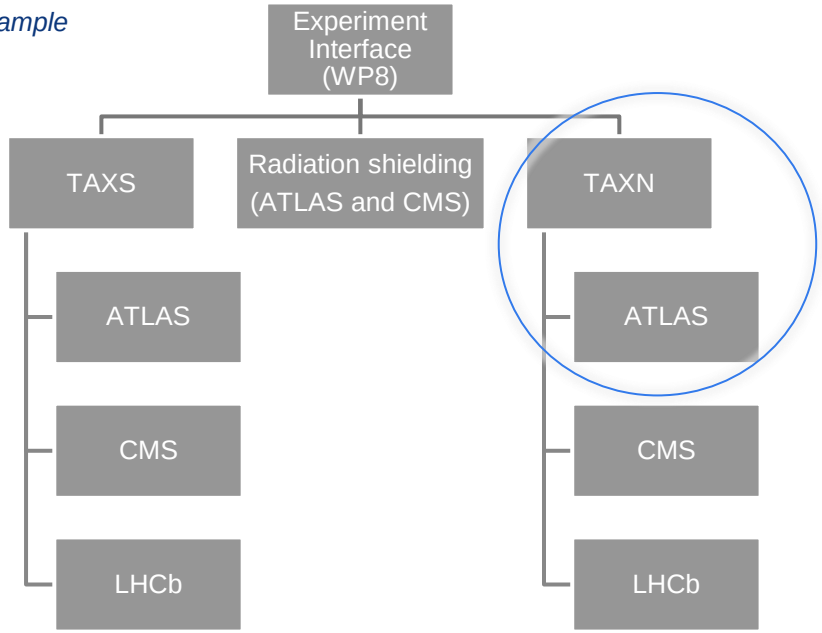
- Repository of the HL-LHC baseline documentation (under the LHC hardware baseline, for which specific nodes will be created in case of new equipment)



EDMS structure (2/2)

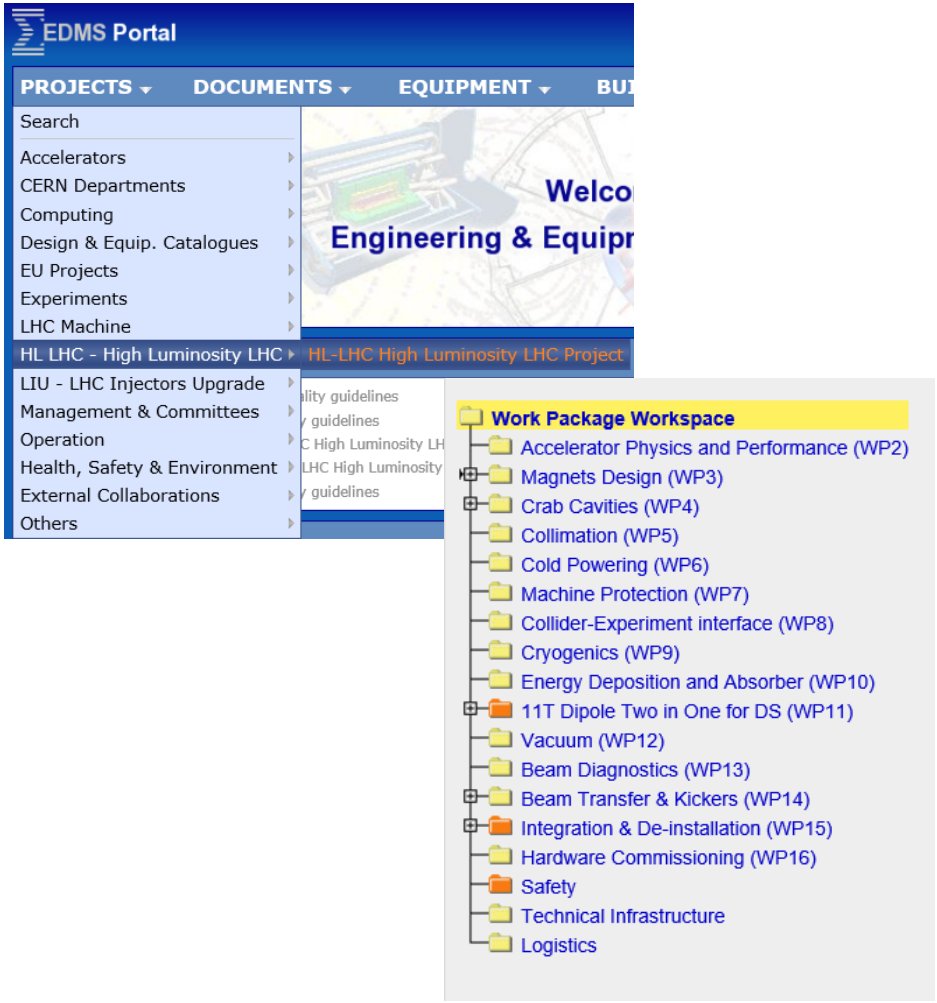
- Each Work Package will have a pre-created EDMS structure based on its systems architecture and on the required contents of the baseline documentation

Example



- WBS
- Schedule
- APT
- Procurement
- Specifications
- Design
- Fabrication, Assembly and Verification
- Installation-Commissioning
- Operation & Maintenance
- Dismantling
- Safety File
  - *(links to documents in upper nodes whenever required)*

Other documentation



- Non-baseline, documentation (e.g., follow-up meetings, scientific publications) can be stored in the WP workspace
- Structure will be defined with each WP

Thank you for your attention !

Questions?