PMM into MBSA

**Context**
The systems to be designed in the industry are increasingly complex with a very strict level of safety requiring very tedious (heavy) and expensive analyses.

**Objective**: Create a solution to generate much faster safety analyses and validate the design earlier in the design phase.

**How**: Create automatic links between the design phase (MBSE) and safety analyses (MBSA).

**Value added**
- Significant time savings on FMEA and FTA analyses
- Validate safety requirements before freezing the design
- Minimize misinterpretation and design

**Key Interaction**
- Factory 4.0
- Design Assistant
- Norms compliancy
- PMM

**Solution Brick**
- Requirement with the PMM method
- Propagation of uncertainties to ACB
- Automatic generation of DFMEA
- Automatic generation of PFMEA
- Implementation of standards (iso26262/ARP4761) in MBSA

**Technological lock**
- Lock 1: Automatically rate failure modes based on their severity
- Lock 2: Integration of failures into MBSE modeling

For fast and reliable operational safety
Better, Faster, Safer