**Principle**
- Aim of the project is to conduct a neutral benchmark of STEP AP 242 software products on the market.
- Functionalties to be benchmarked are given by the user communities.
- Systems to be benchmarked are chosen by the user communities.
- Conducted tests are based on the principles of neutrality and completeness.

**Scope of the CAD Functionalities and test cases**
- 3D geometry exact or tessellated
- 3D PMI graphic polyline / tessellated
- Composite
- CAD assembly
- NIST test case
- P21 external ref., Nested

**Planning**
- Nov 2014: Definition phase
- April 2015: Preparation phase
- Sept 2015: Evaluation phase
- Sept 2015: Publication phase

**Contribution:**
- Contributors include PLM vendors such as AIRBUS, PFA, GIFAS, GALIA, and PLM vendors like Autodesk, Dassault Systemes, PTC, datakit.com, CORE TECHNOLOGIES, KISTERS, and Tech Soft 3D.