

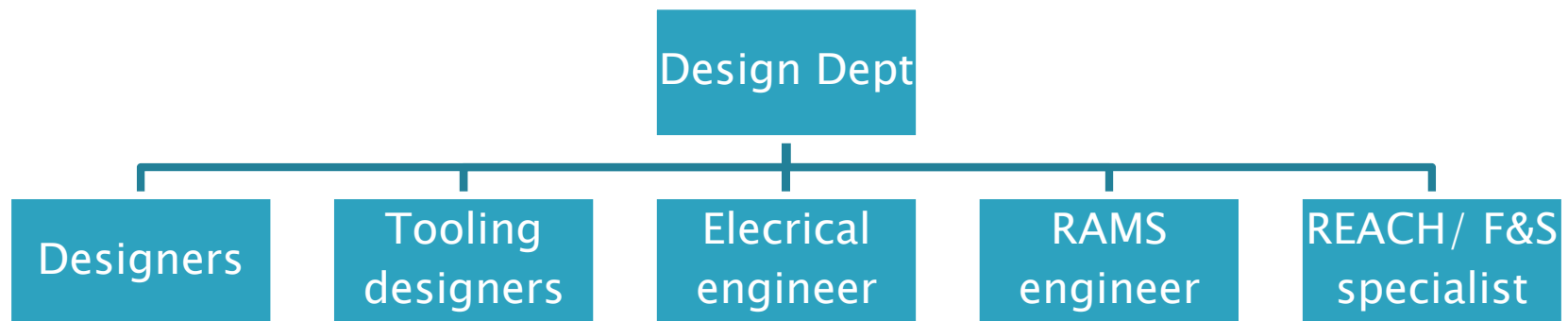
Polmor Design Department

Cooperation possibilities

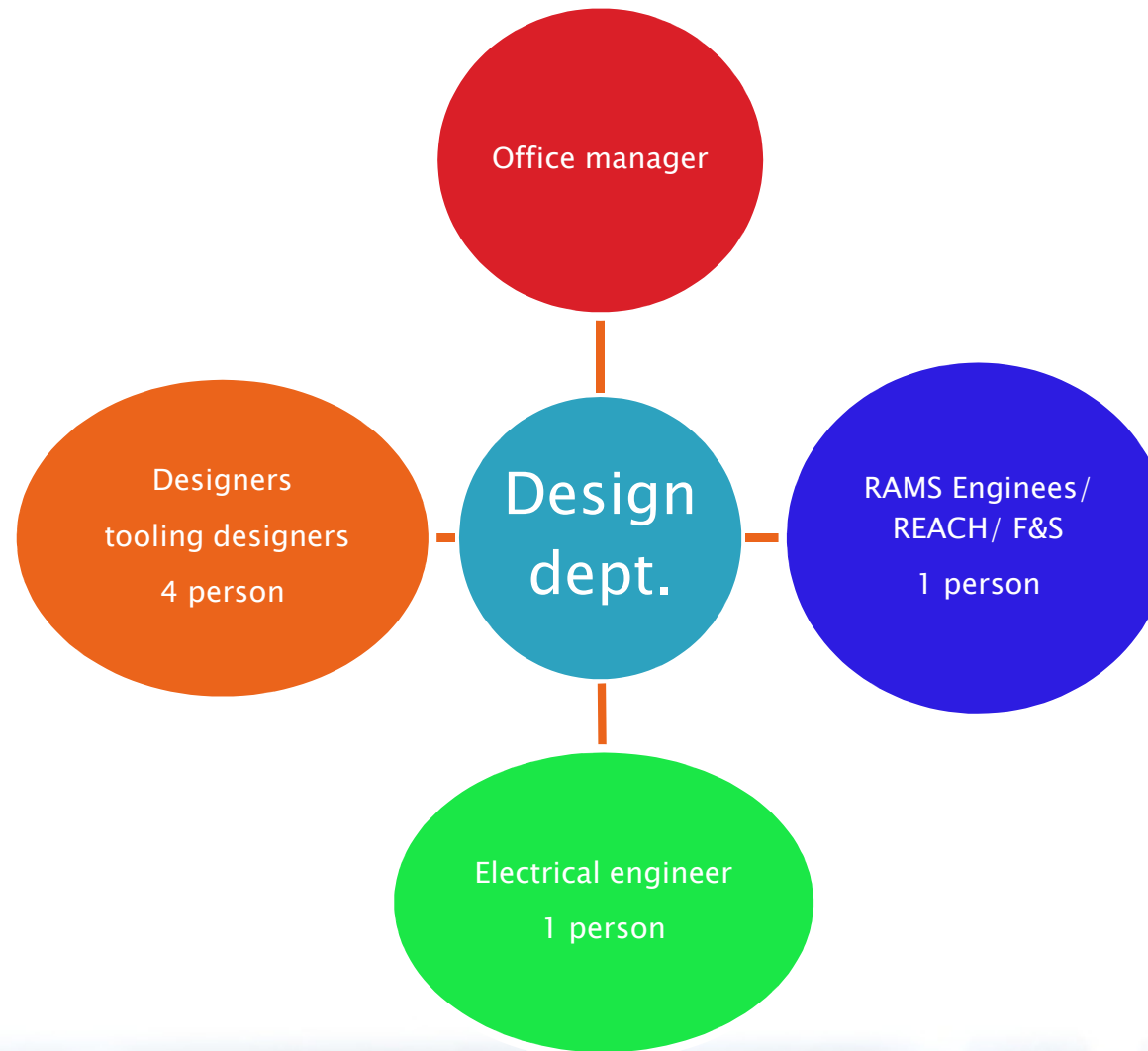


1. Structure

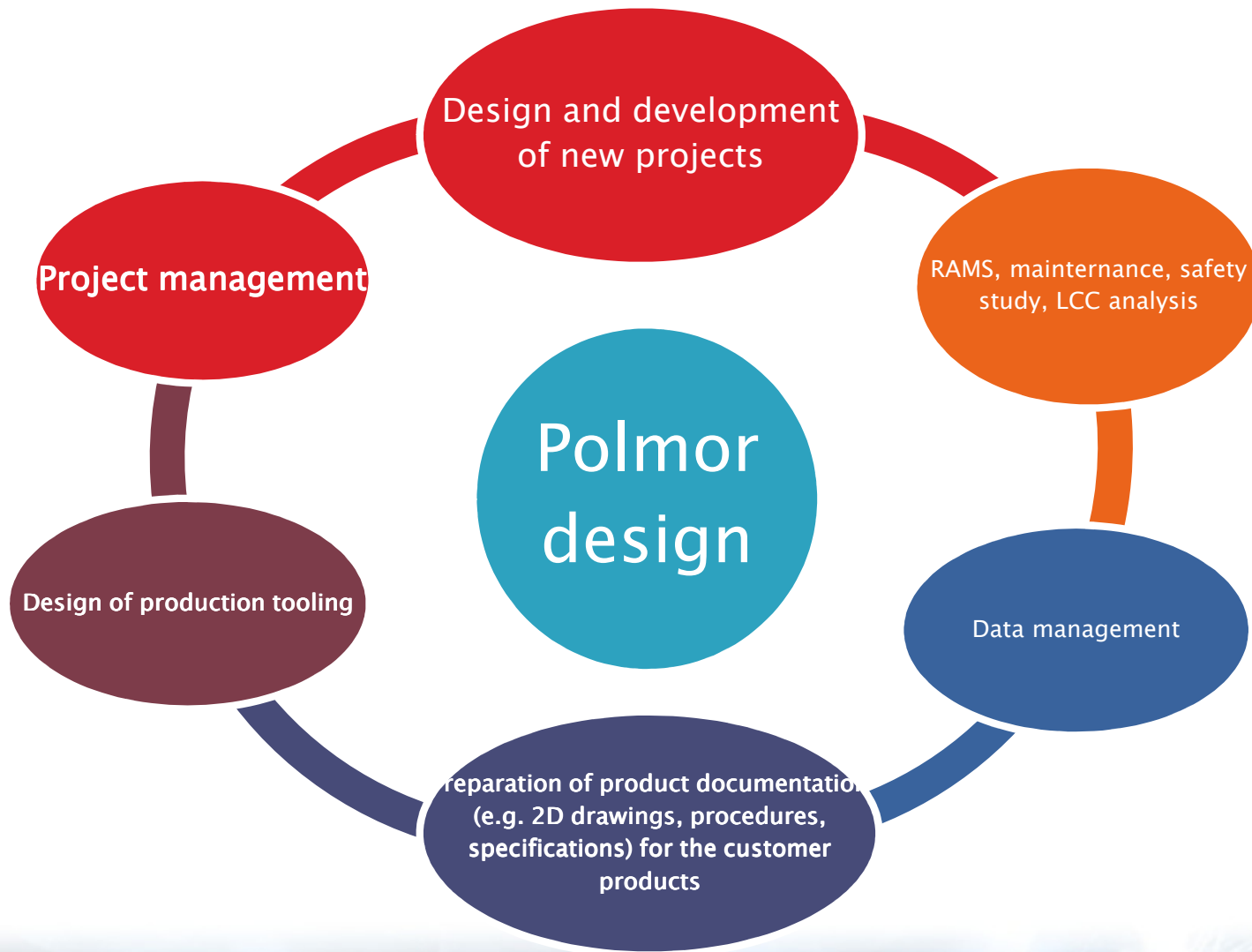
Design office structure



2. Resources



3. Work scope



4. Design capabilities

Concept desing

- Review of input data
- Concept studies
- Preliminary design (offer)

Design

- Detailed design (Catia V5, Creo, Solid Edge, Solid Works)
- Verification of structure via strength analysis (with external company)
- Definition of the electrical architecture

Preparation of documentation

- 2D drawing (Polmor format, customer format)
- RAMS studies (Polmor format, customer format)
- Maintainability studies, LCC analysis
- BOM's (mechanical, electrical)
- Weight breakdown etc.

Prototyping

- Production of prototype
- Testing (welding inspection, funcscional tests, electrical tests, mechanical tests (S&V))

Introduction into production (FAI)

- Design of production tooling

5. Projects

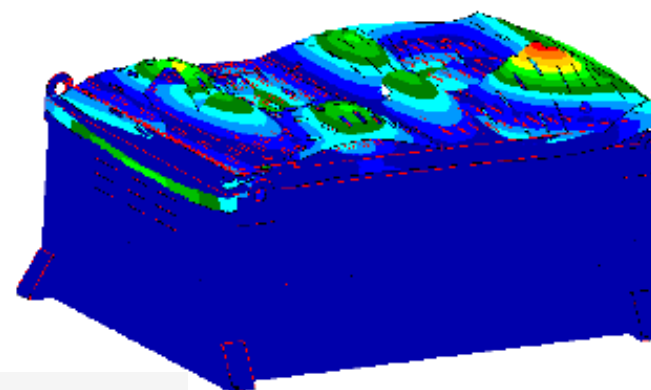
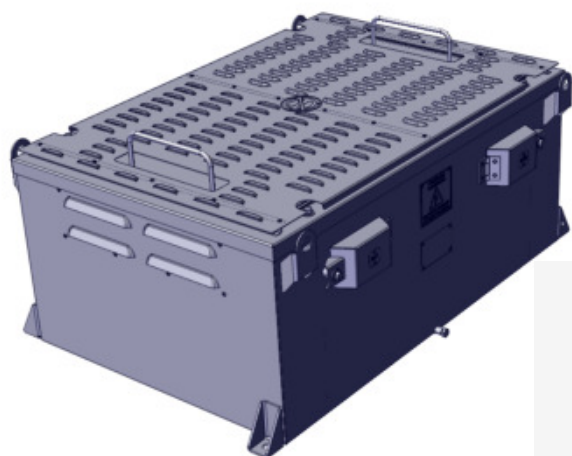
Battery systems



Battery system for metro trains

5. Projects

Battery systems

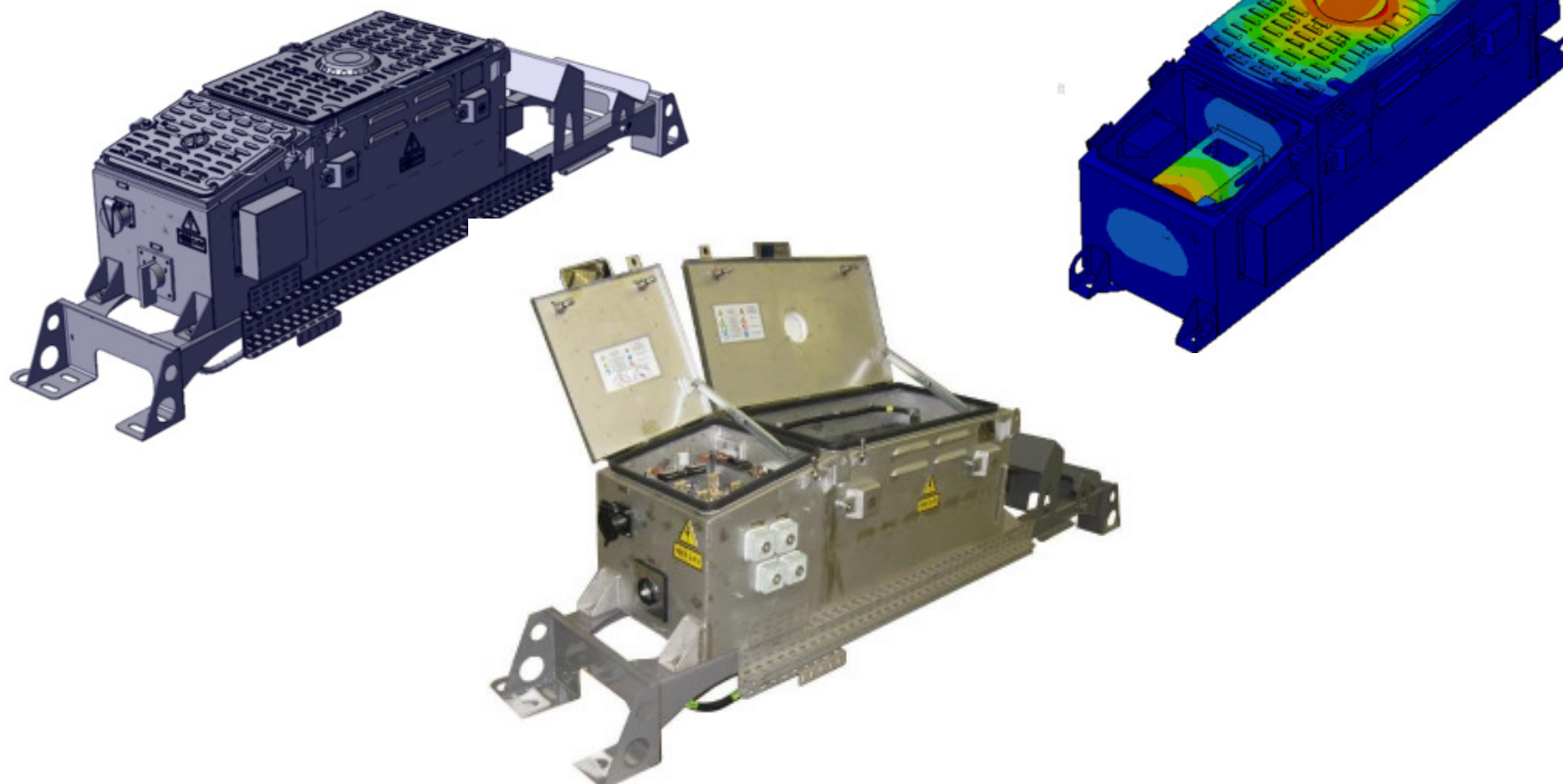


Battery system for tramways



5. Projects

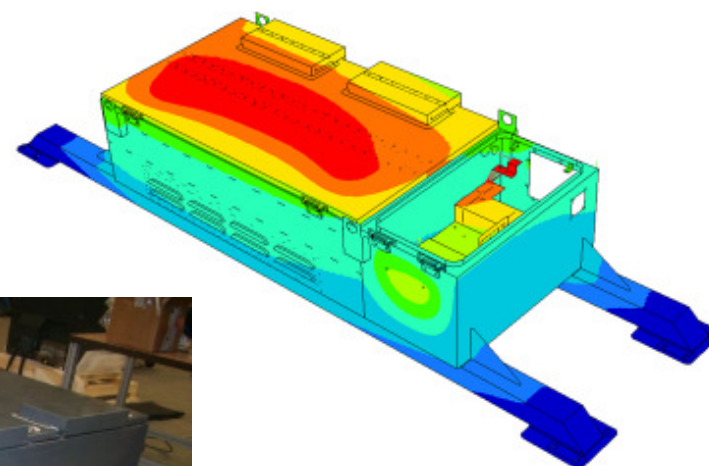
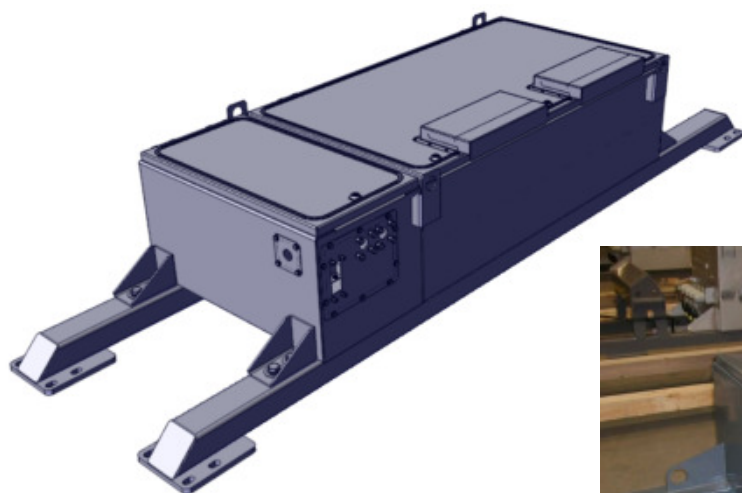
Battery systems



Starter battery system for regional trains

5. Projects

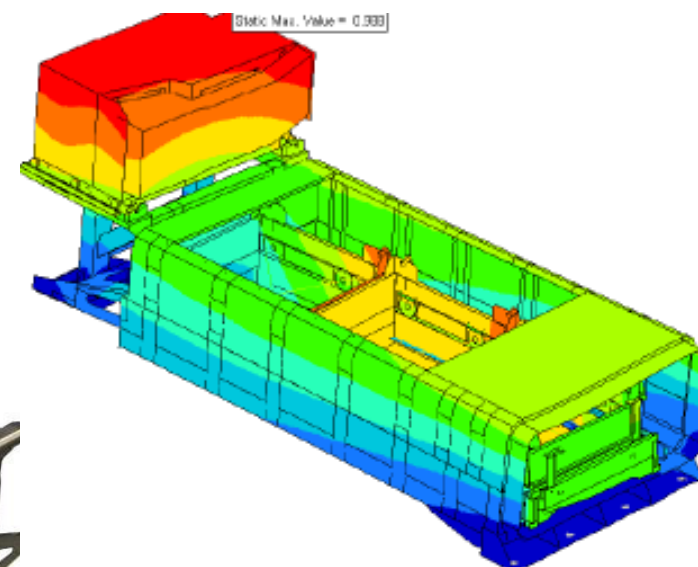
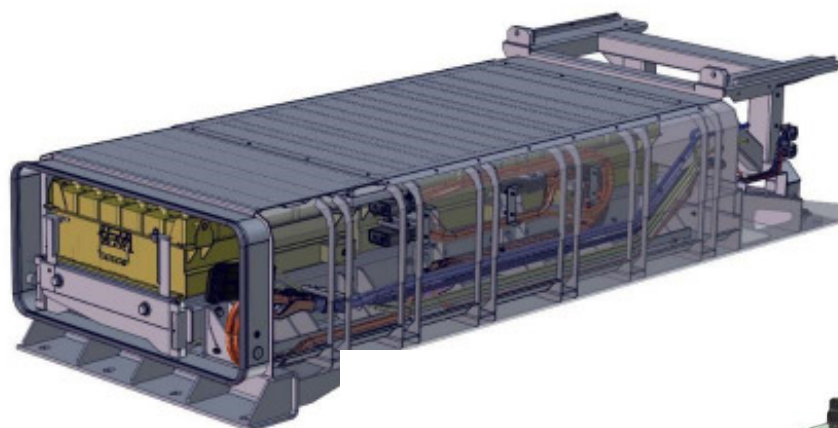
Battery systems



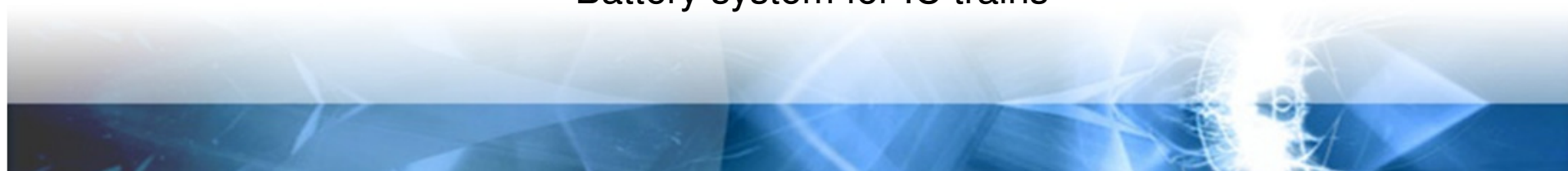
On-board battery for regional trains



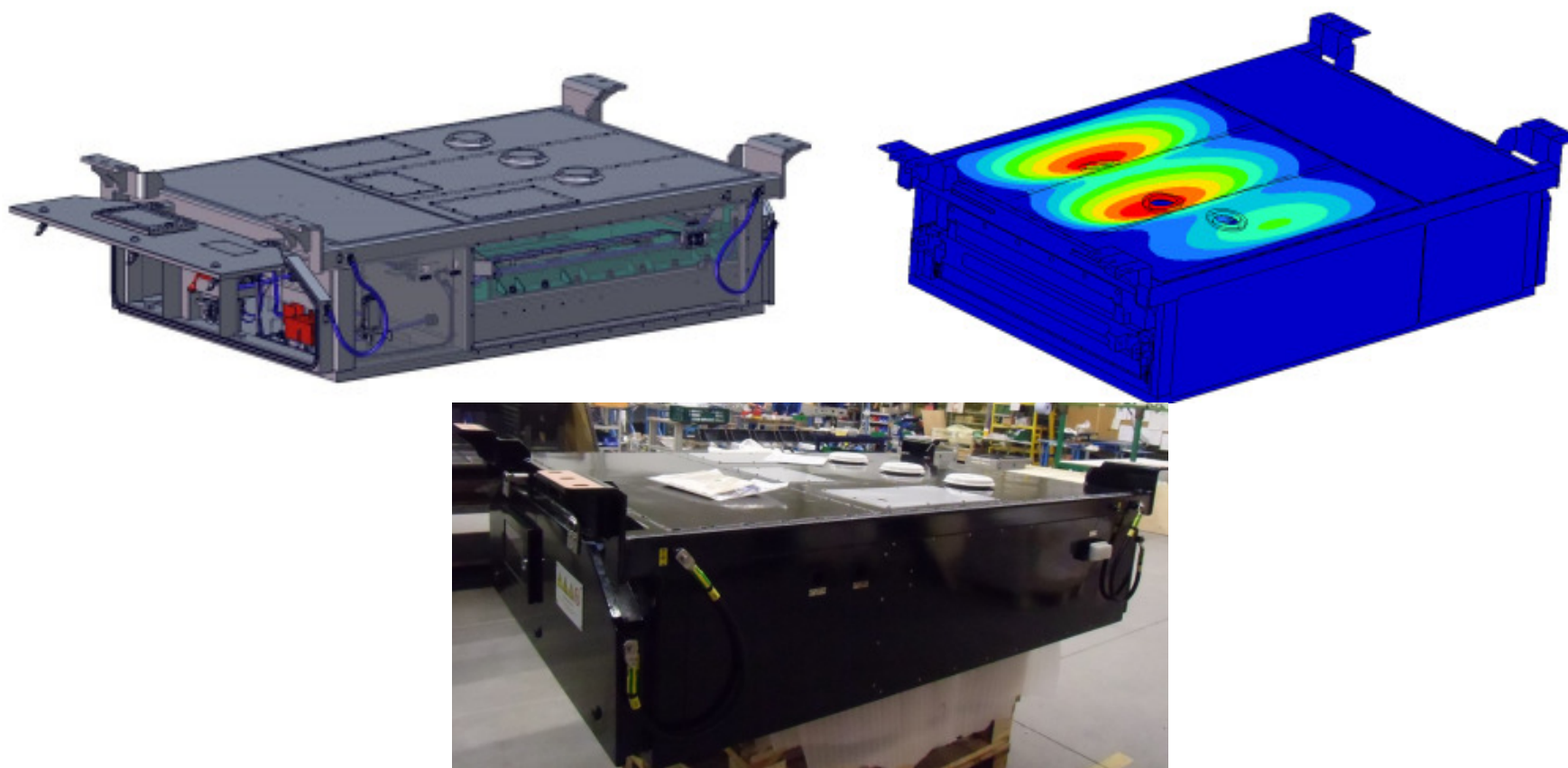
5. Projects



Battery system for IC trains



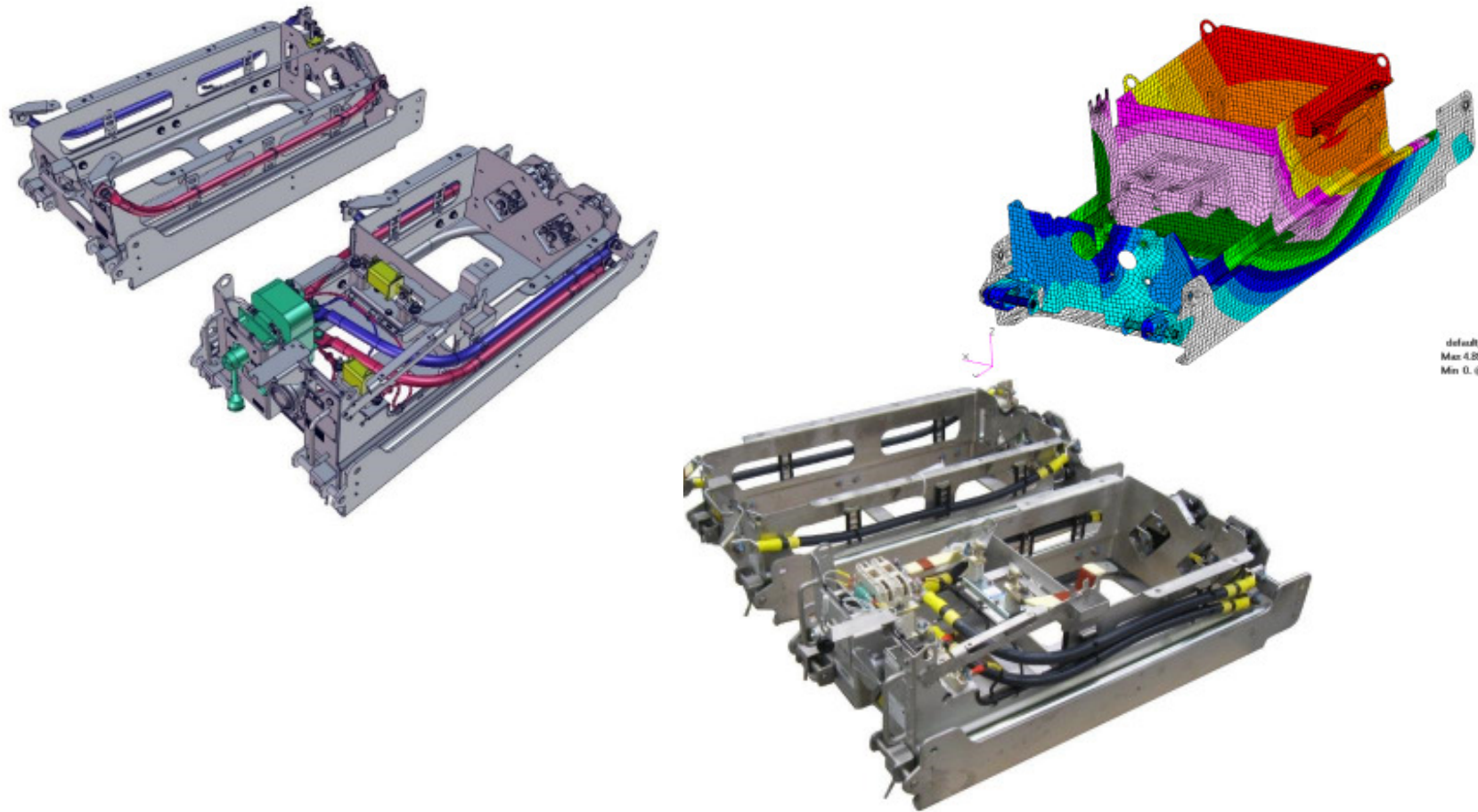
5. Projects



Battery system for IC trains



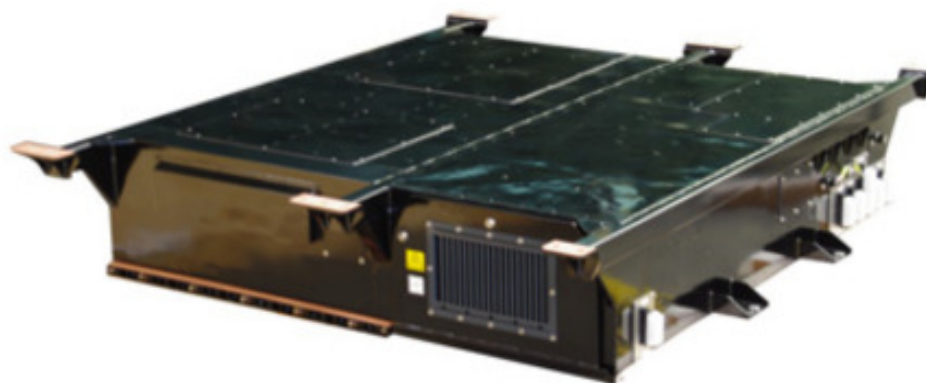
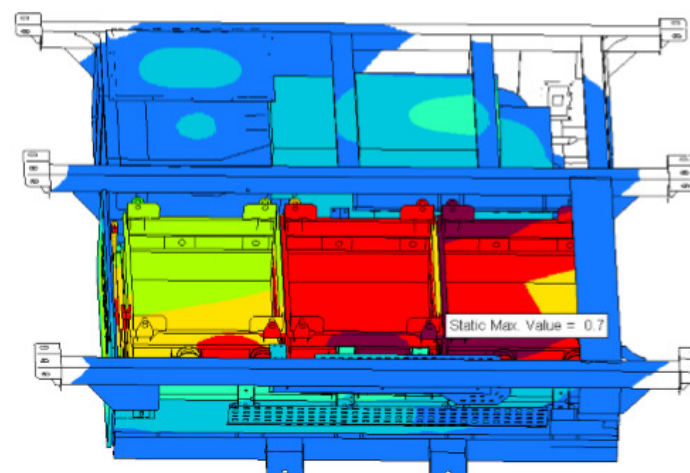
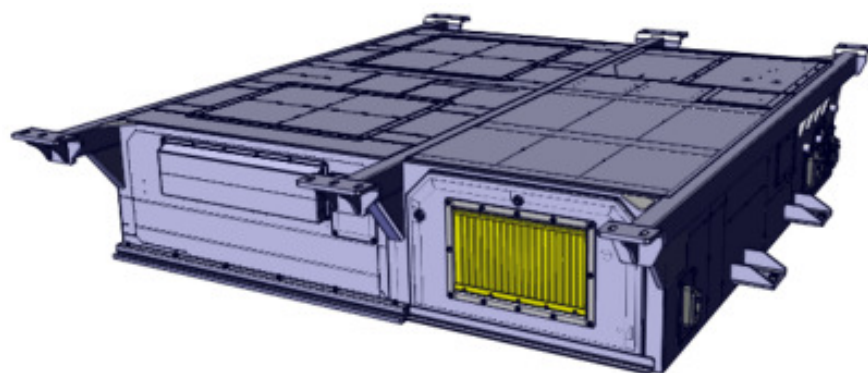
5. Projects



Battery system for regional trains



5. Projects

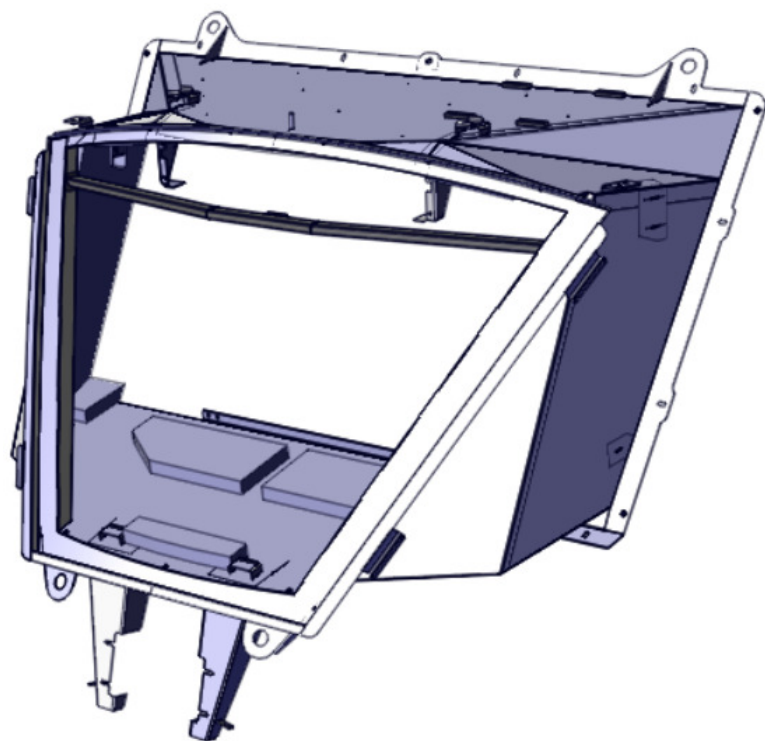


Battery system for high speed trains



6. Projects

Other products

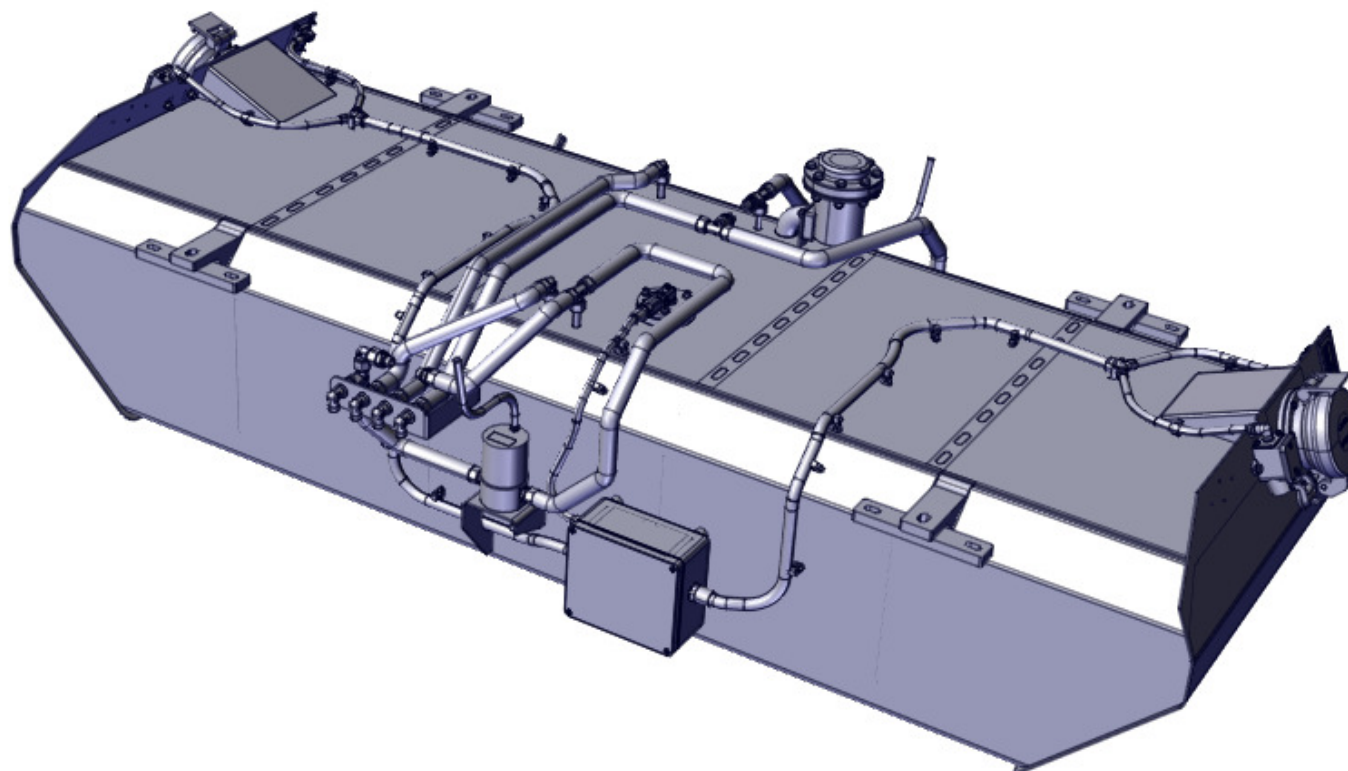


Windshield frame



6. Projects

Other products



Diesel tank for regional train (offer phase)



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