

Steering Committee meeting

20th April 2010. Banja Luka

WBC-VMnet Project EU Partner presentation

C3M d.o.o.

Tomaž Šuštar

This project has been funded with support from the European Commission



Mechanical engineering

- Material forming technologies
- Tooling systems & machines

Pharmaceutics, chemical, food ind.

- Particles and deagglomeration
- Stirred media mills

Geomechanics

- Underground constructions
- Mining, oil drilling and gas industry

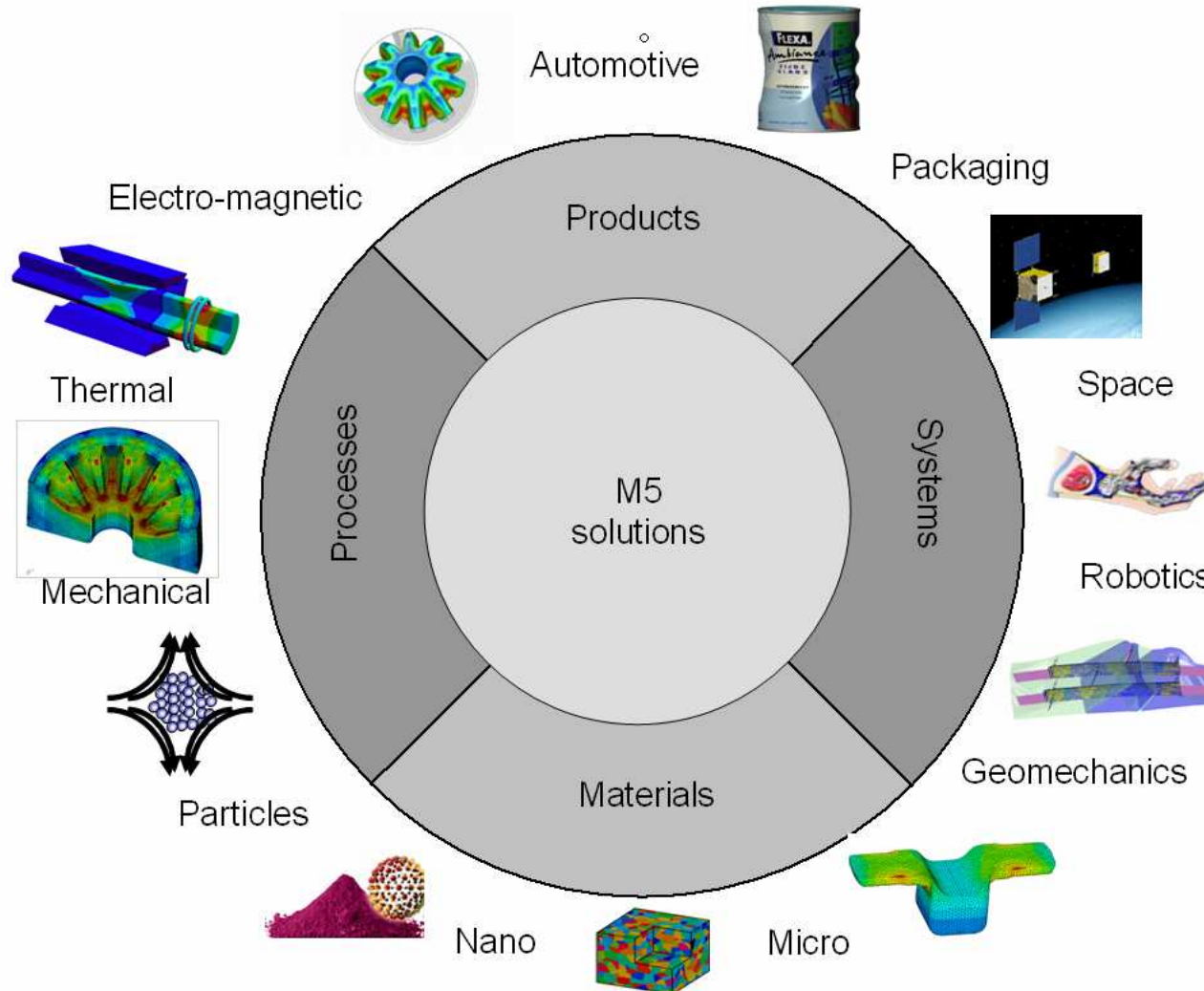
Biomechanics

- Modelling of soft tissues
- Tactile sensation

Aerospace

- Structural sensitivity analyses
- Inverse modelling & optimisation





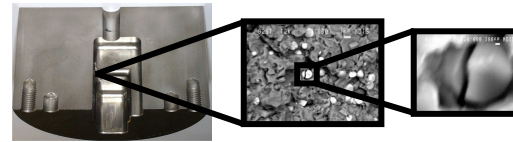


M5

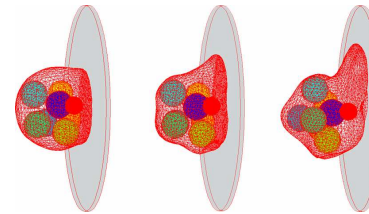
Multi-field



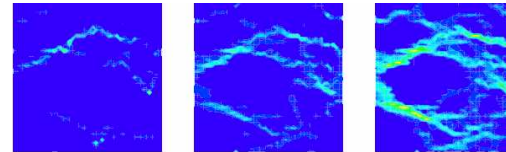
Multi-scale



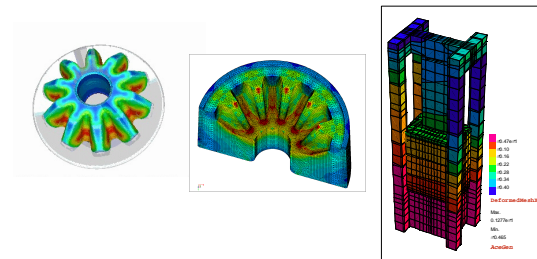
Multi-body

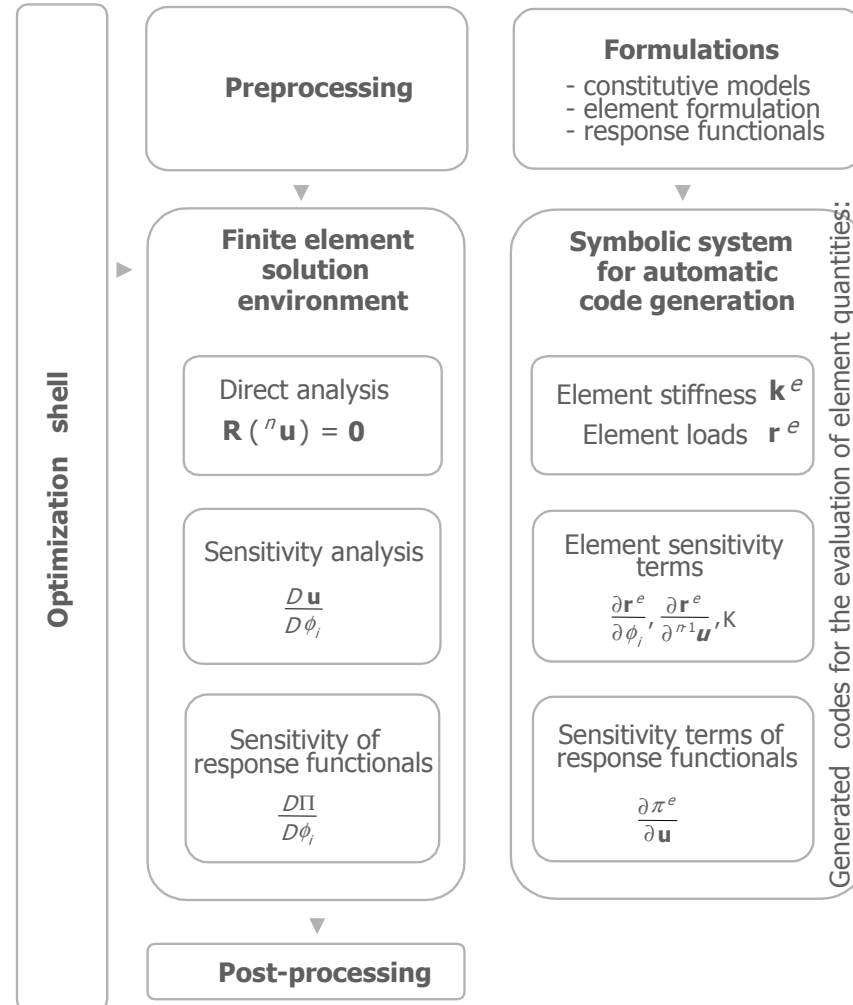


Multi-phase



Multi-objective





Symbolic approach to development of finite element code



- Introduction to FEM (half day)
- Symbolic approach to FEM (half day)
- M5 modelling (half day)