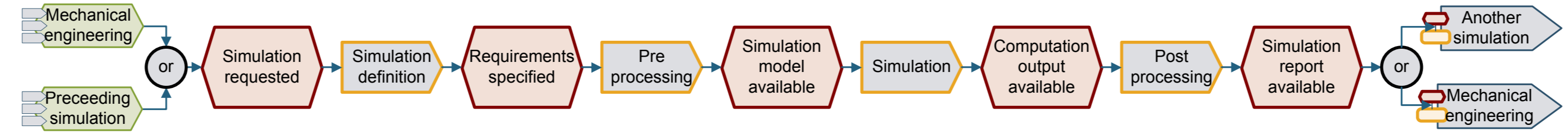


Process name: Crash simulation  
 Process purpose: Simulation of crash induced deformation behaviour of a vehicle in design phase  
 Diagram purpose: Figuring the process context of simulation data management for crash simulation processes \*)  
 Diagram type: Reference process diagram  
 Last change: October, 14th 2008  
 Working stage: PSI TSC/VDA PLM AK review stage  
 Author: Project Group SimPDM, ProSTEP IVP e.V., VDA

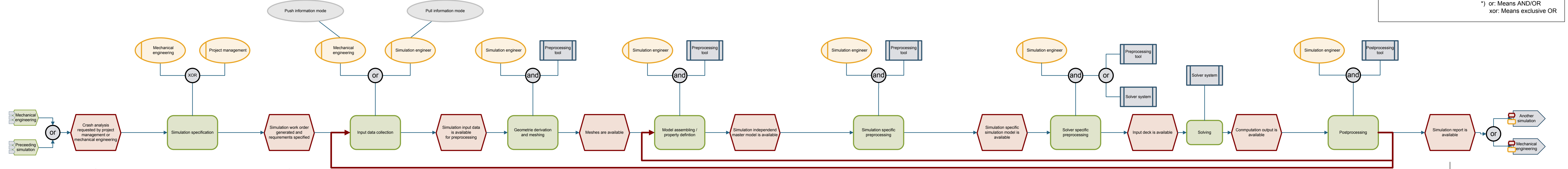
Diagram legend

- Function / process
- Event
- Information / data
- System
- Annotation
- Role
- External processes (outside of SDM)
- General dependency
- Process / data flow
- Significant process loop
- Process / data joints and forks \*)
- \*) or: Means AND/OR  
xor: Means exclusive OR

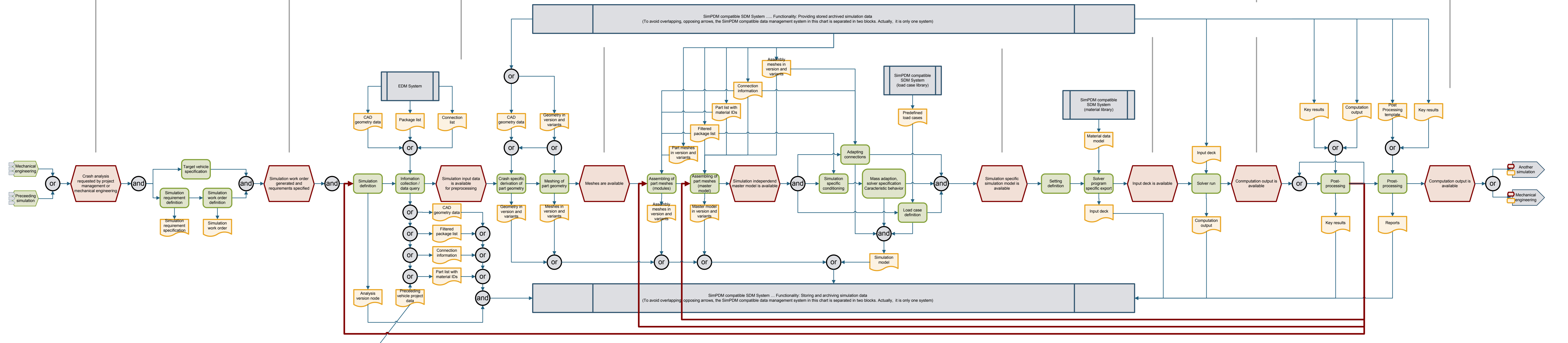
Detail level 1



Detail level 2



Detail level 3



\*) The diagrams are the result of business process analyses in different companies participating the project group SimPDM. The figured business process details do not claim to be definitional for all company specific applied use cases. Especially the granularity of process steps and handled data / information may vary depending of the simulation task, the simulation object or the boundary product development processes in a company.