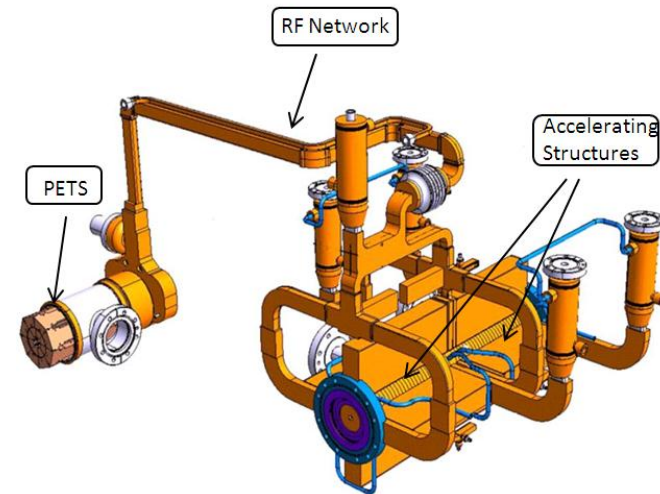


# Antti NUMMELA

- Updating the cost estimate in Costing Tool
  - PBSs for 2 alternative 500 GeV staging scenarios are created and cost estimates introduced (costs of civil engineering are still pending)
  - freezing the current PBSs and creating new ones to be used thereafter is foreseen in future
- Research on possible cost reductions by lengthening the RF Units
  - Two main configurations are examined:
    - A. Prolonged PETS feeding energy to 2 prolonged AS
    - B. Double length PETS feeding energy to 4 nominal length AS
  - Preliminary results show saving possibilities up to 11% for double length structure (config. A)
    - Possible cost reductions / increases of other systems (e.g. Civil eng.) are not included
  - Sensitivity analysis of the model inputs (learning factors, prototype costs, number of production lines) is ongoing



*3D-view of CLIC module RF Unit  
baseline layout*