

# Muon Collider «hardware» Tasks other than RF and Magnets

## Possible grouping by technology

- H- source for proton driver
  - Beam stripping for proton driver
  - Target materials, design & prototyping
  - Windows
  - Target cooling
  - Remote handling of activated components
  - Horn backup option
  - Modulators for RF power sources
  - Rapid-cycling power converters with stored-energy management
  - Absorbers for cooling channel
  - Beam vacuum
  - Beam screens for HE complex
  - Absorbers for HE complex
  - Extraction systems for HE complex
  - Alignment techniques & girder design for HE complex
  - Movers for mitigation of neutrino radiation in collider
  - Beam instrumentation
  - Cryogenics for SC magnets
- Target
- Pulsed power
- Vacuum
- Alignment & mechanical