

Possible roadmap for muon collider

- **0 - 5 years (until next EU strategy). *Typ. resources 5-10 (?) M, 15(?) FTE/year***
 - **work out a Conceptual Design Report**
 - CDR of muon collider
 - proposal for a full demonstrator facility
 - which proton source / positron beam(??)
 - which test facility
 - possible physics output as by-product of test facility
 - **perform critical tests, *typical cost 5-10 M***
 - Proton source: last stage 6D cooling ,high flux cooling medium test with protons
 - Positron source: target (??)
 - Acceleration: magnet tests
- **5 - 10 years. *typical resources: ~ 250(??) M, 50(??) FTE/year***
 - **build and analyse the test facility 250 M**
 - extract the by-product physics
 - **write muon coll TDR**
 - **prepare decision for mu-coll**
- **15 years: decision for muon-collider**