

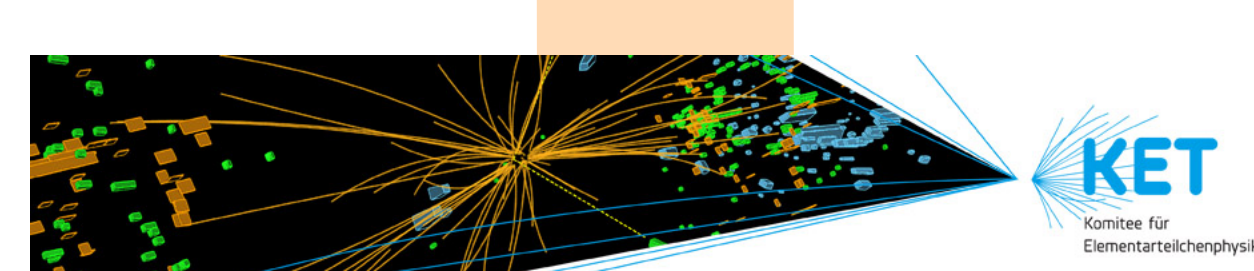


How do scientists decide?

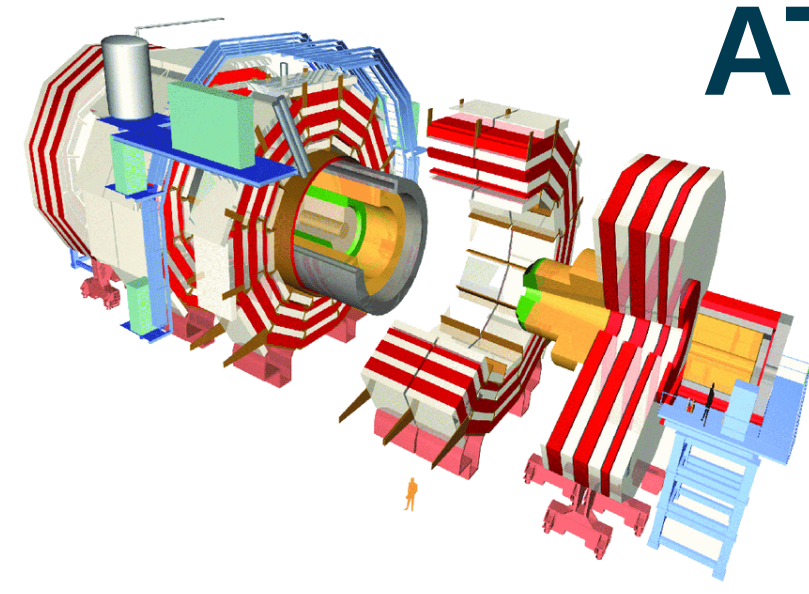


Scientists

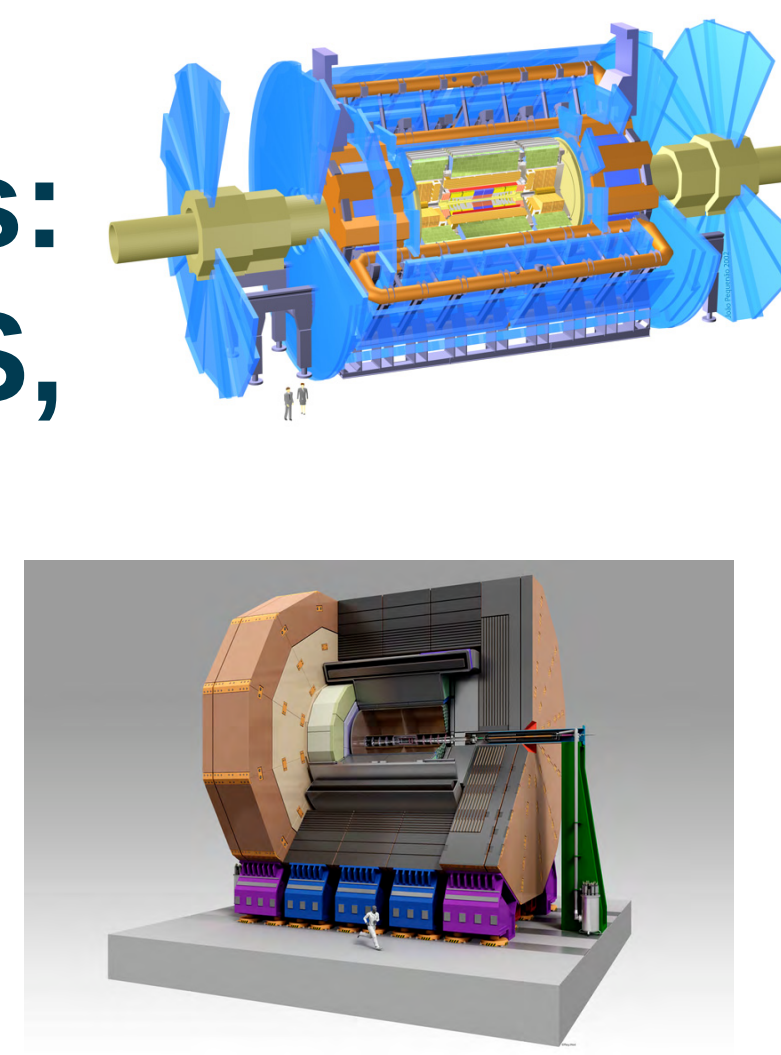
give input to strategy process via documents and input to studies through:



German Particle Physics Community: Komitee für Elementarteilchenphysik (KET)



Experiments: ATLAS, CMS, ILD, etc.



Individually



European Particle Physics Strategy Update

European Committee for Future Accelerators (ECFA): committee with representatives from all European CERN member states, long-range planning of European high-energy facilities

First ECFA WORKSHOP
on e⁺e⁻ Higgs / Electroweak / Top Factories
5-7 October 2022, DESY / Hamburg

ECFA

European Committee for Future Accelerators



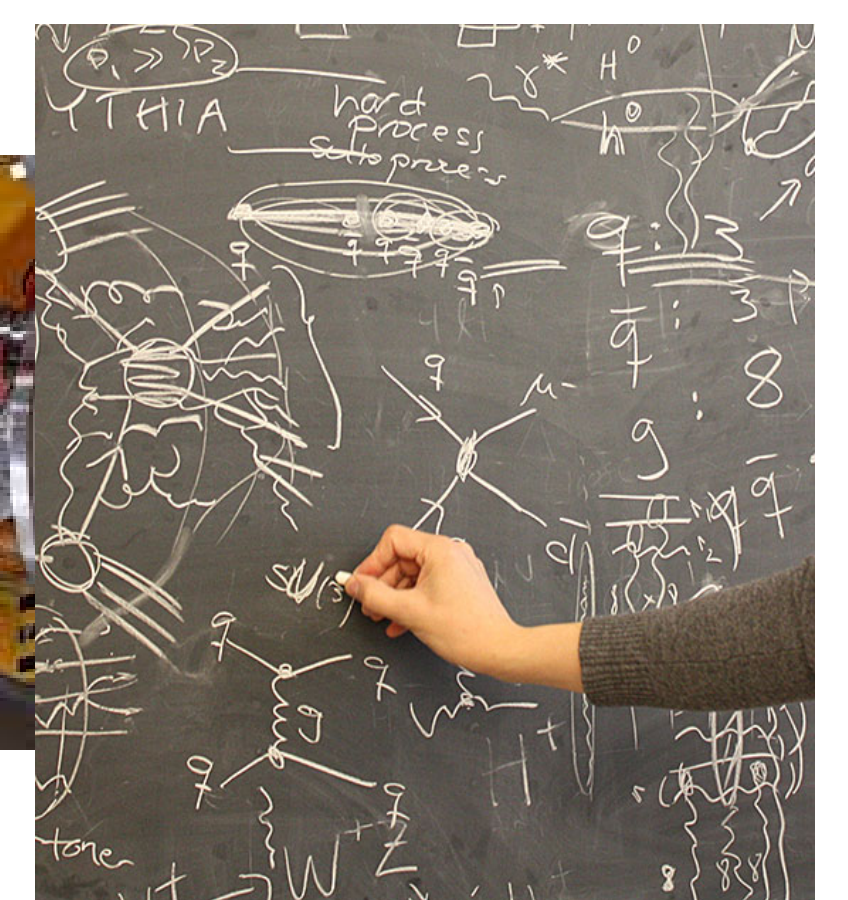
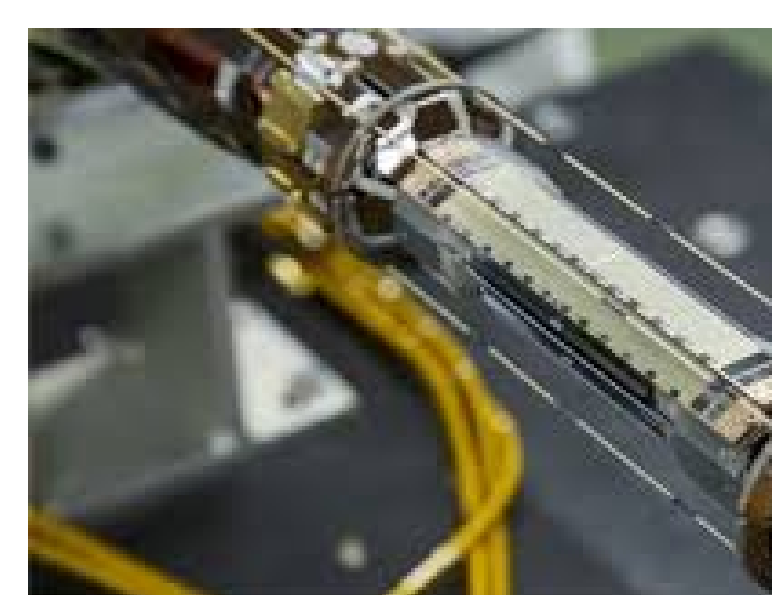
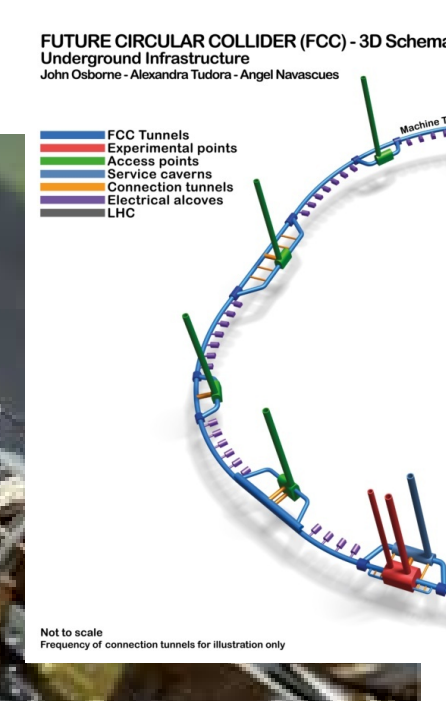
Every ~ 5-7 years

Corresponding strategy processes also in USA and Asia

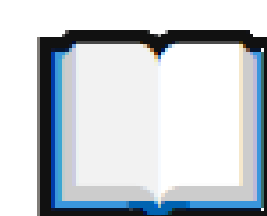
Outcome from last update, preparation for coming one:

- ECFA Physics Study
- Detector R&D Roadmap
- Accelerator R&D Roadmap
- FCC Feasibility Study

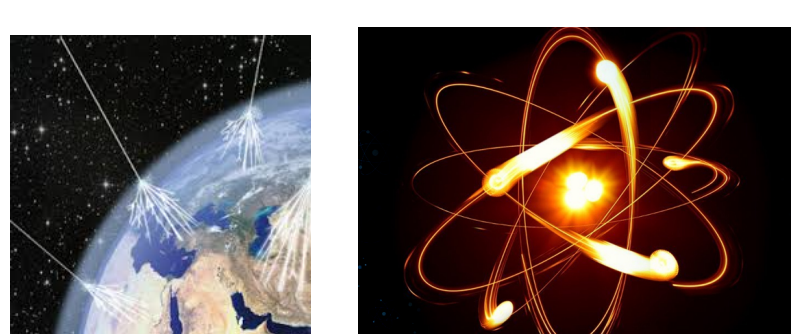
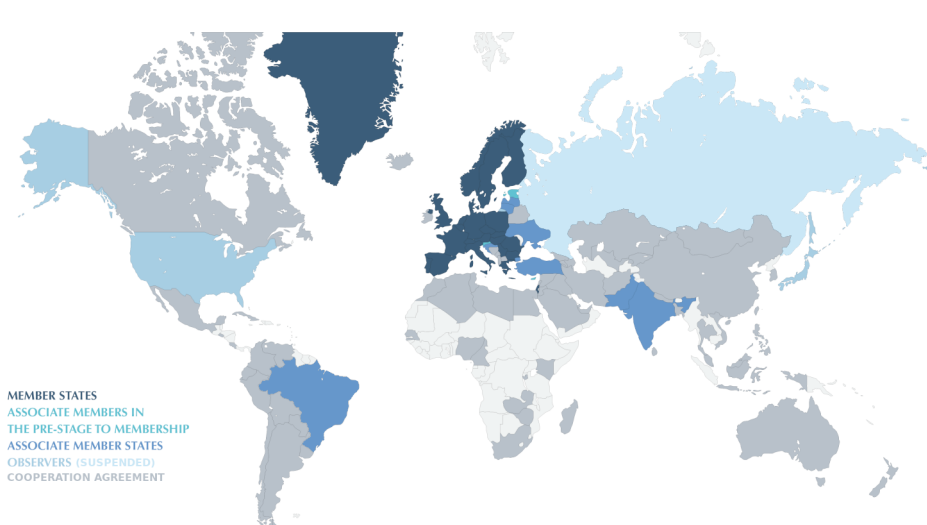
"Europe, together with its international partners, should investigate the [...] feasibility of a future hadron collider at CERN [...] with an electron-positron Higgs and electroweak factory as a possible first stage."
- 2020 Update of the European Strategy for Particle Physics



Takes all input, generates summary briefing book
→ general community recommendation



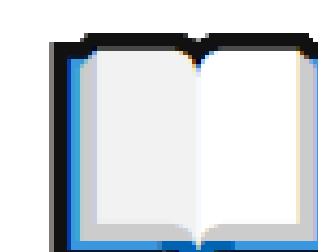
Strategy Group



Delegates from each CERN country, world partner, major lab and neighbouring fields (astro & nuclear physics) compile final strategy document

CERN Council

Delegates from each CERN member country from funding agencies (hopefully) approve and adopt final strategy document



→ serves as basis for future grants and large projects