



# Links to CERN, ESO, ESA, ....

## CERN: European Particle Physics Strategy 2006:

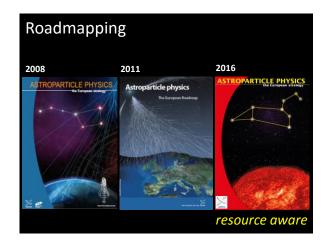
7. A range of very important non-accelerator experiments take place at the overlap between particle & astroparticle physics .. Council will seek to work with APPEC to develop a coordinated strategy in these areas of mutual interest.

# CERN: European Particle Physics Strategy update 2013:

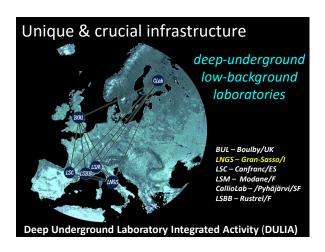
A range of very important non-accelerator experiments ... particle & astroparticle physics, such as searches for proton decay,  $0 \nu \beta \beta$ decay and dark matter and study of high energy cosmic-rays ... In the coming years CERN should seek a closer collaboration w APPEC on detector R&D with a view to maintaining the community's capability for unique projects in this field. tion with

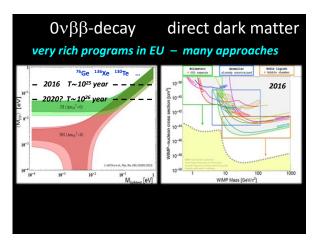
ESA: Euclid, eLISA, CORE+, ... ESO: negotiating with CTA as Southern hemisphere site

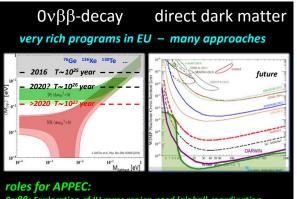
Generally: astroparticle physics = astronomy+particle physics



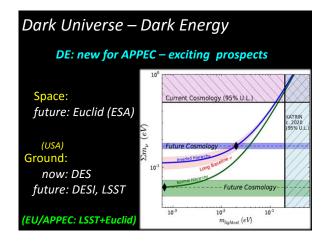


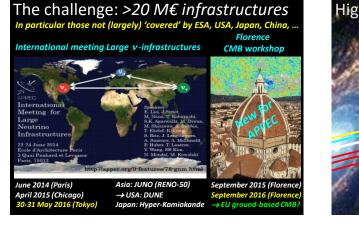


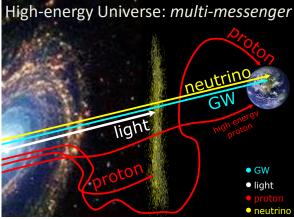


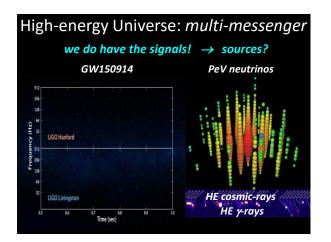


0νββ: Exploration of IH mass region need (global) coordination DM: multi-ton noble liquid experiments need (global) coordination

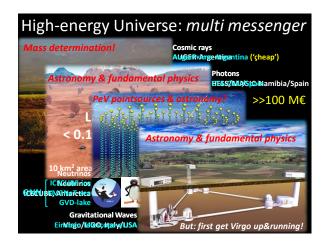


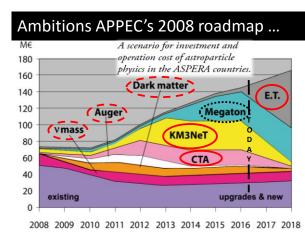










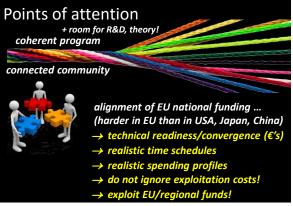


# European roadmap: **ESFRI**



# ESFRI Projects The ESFRI Projects And support their timely implementation. The ESFRI Projects can be at a different stages of their preparation according to the date of inclusion in the ESFRI Projects and support their timely implementation. The ESFRI Projects are be at a different stages of their preparation according to the date of inclusion in the ESFRI Projects and the ESFRI Projects are be at a different stage of their preparation according to the date of inclusion in the ESFRI Projects and the ESFRI Projects are be at a different stage of their preparation according to the date of inclusion in the ESFRI Projects and be at a different stage of their preparation according to the date of inclusion in the ESFRI Projects and be at a different stage of their preparation according to the date of inclusion in the ESFRI Projects and be at a different stage of their preparation according to the date of inclusion in the ESFRI Projects and be at a different stage of their preparation according to the date of inclusion in the ESFRI Projects and be at a different stage of their preparation according to the date of inclusion in the ESFRI Projects and be at a different stage of their preparation according to the date of inclusion in the ESFRI Projects and be at a different stage of their preparation according to the date of inclusion in the ESFRI Projects and be at a different stage of their preparation according to the date of inclusion in the ESFRI Projects and be at a different stage of their preparation according to the date of inclusion in the ESFRI Projects and be at a different stage of their preparation according to the date of inclusion in the ESFRI Projects and be at a different stage of their preparation according to the date of inclusion in the ESFRI Projects and be at a different stage of their preparation according to the date of inclusion in the estrema according to the date of inclusion in the ESFRI Projects and be at a different stage of th





Bottom line: we need to strengthen EU organisation ...

