

European planning - I

Conditions for European funding :

- Extra funding granted in Japan, some invested with collaborators in Europe
- Japan hosting can be assumed
- CERN participates in next phase (will make other European contributions much more likely)
- Discussions (progress towards) at appropriate level about ILC implementation

Justifications of European ILC plan:

- A timely and performing Higgs-factory – upgradeable, with “diversity programme”
- Overall European focus on a sustainable facility (and low cost)
- Strong links to European lab and industry technology interests/capabilities (beyond ILC)
- A possibility for CERN hosting if Japan decide not to, alternative to ring - at similar level as CLIC - during next ESPP ?

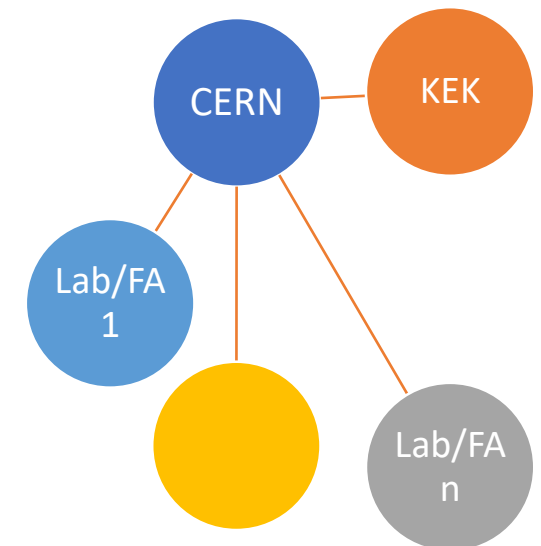
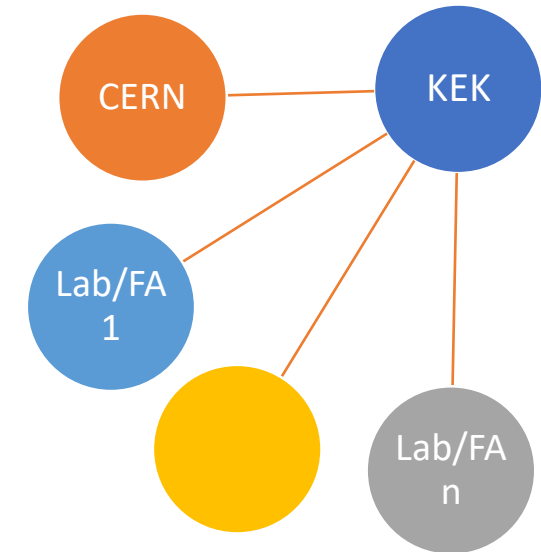
European planning – II

Organisation in Europe:

- Assume several “MoUs” between KEK and European partners, use existing agreements with new addenda if appropriate
- KEK contribution to funding part of priority WP activities (in Europe), described in these “MoUs”, or channel funds through KEK-CERN agreement and subsequent CERN-European partner Research Contracts ? In kind material contributions also considered.
- What is a contribution, material, personnel, both – in terms of “matching”
- What level of European Organisation is needed (will depend on the International Organisation), European steering /coordination group/project office (executive), “European Collaboration Board”, Accelerator priority WPs versus Physics&Detector ?
- Reports to CERN/CERN Council (CERN already has LC studies including ILC activities), LDG (will rely on many labs), ECFA (Higgs-factory frameworks) ?
- Build links to EC programmes

Main elements of the European activities:

- Priority WPs (with KEK funding help) – extra slide
- Activities related to sustainability studies, will allow site specific studies (note: all Priority WPs can also be motivated by “sustainability”)
- Related to physics and detector - with Japan and other partners – what are the key activities, and how are they related to the existing WG3



European planning - III

Timeline:

- Start of this phase next April (2023) – e.g. start of the 2023 budget year in Japan
- Aim to have (internally) an outline of plan by summer (3-4 pages and in 10 slides), pass through first level of discussions/feedback with major labs/FA (discuss this point today)
- By August we will get feedback on MEXT's position on extra funding (but decision in December) – decision points for earnest MoU negotiations with KEK
- CERN budgets (distribution) for year n+1 discussed January–April in year n

Preparation over next months:

- Small drafting team, involve European WG 1, 2, 3 members ?
- Meetings with lab-directors and other funding "stakeholders"