

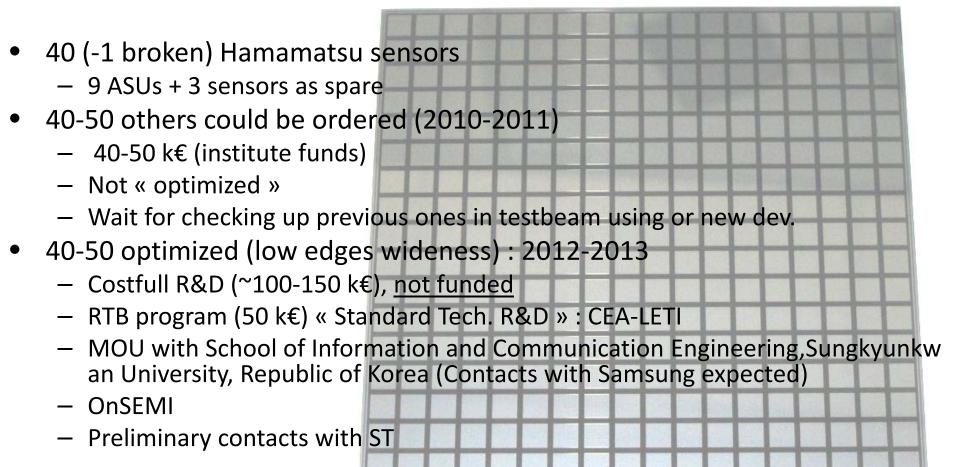


In2p3





Silicon Sensors (LLR)





Strategy

- Continue on 3x3 sensors to test new GR structures
- Gradated segmented
- Current terminating ring
- ONSEMI and BARC
- Put efforts on DAQ because it is needed to validate the designs on BEAM (+FEVx + SKIROC)
 - Hamamatsu wafers to be tested
 - Ask for quotations (SINTEF, CANBERRA, VTT, MICRON, etc...) to prepare new orders
- LETI or a technological platform (MINERVE, IMN, IEMN, LAAS)
 - Process studies, ST?
 - Prototyping on their production line (LETI only)
 - Recipe
 - 6 cm x 6 cm sensors
 - 4 burned at the same time on a 8 inches wafer
 - Preferably on 500 μm or 700 μm tick wafer
- Backup
 - Bond the GR, feasible with FEVx and Hamamastsu
 - To be tested on 3x3 GR, test setup being duplicated at LLR (similar to the LPC one)



Solderless connector (LLR)

- Ready
- Start tests with
 ASU 'CIP' version soon

