



Project overview and status

July. 30, 2012

F2F collaboration meeting

Takaaki Kajita

Construction (1): Tunnel excavation

- The excavation was started in May 2012, and is scheduled to finish at the end of March 2014.



Mozumi tunnel

New Atotsu tunnel



Construction (2): Surface building

- The surface building (140m²) is almost ready. The construction will be finished in early Aug. We can use the office in Sep(?).

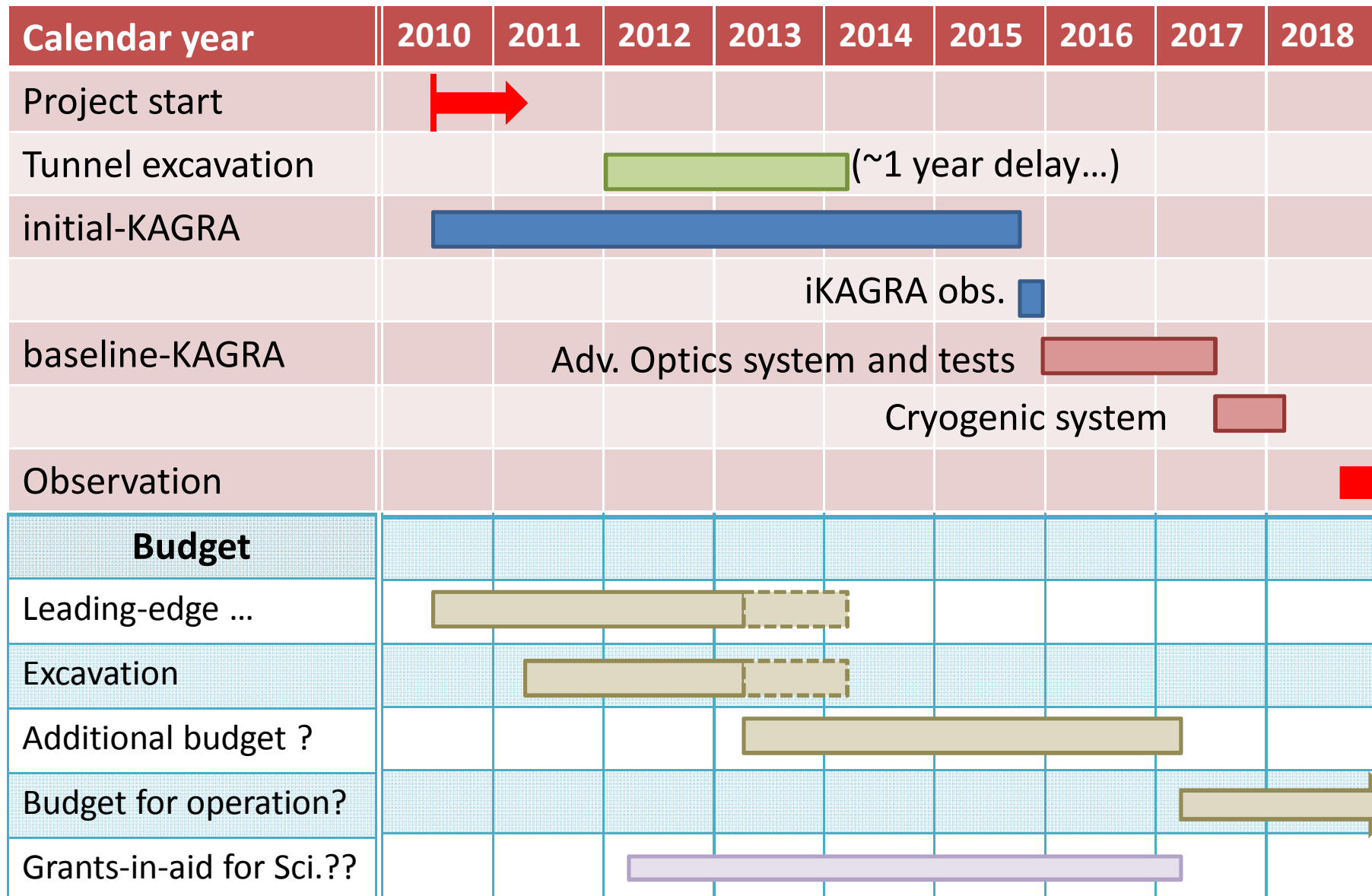


Early June 2012
(Sorry slightly old photos)



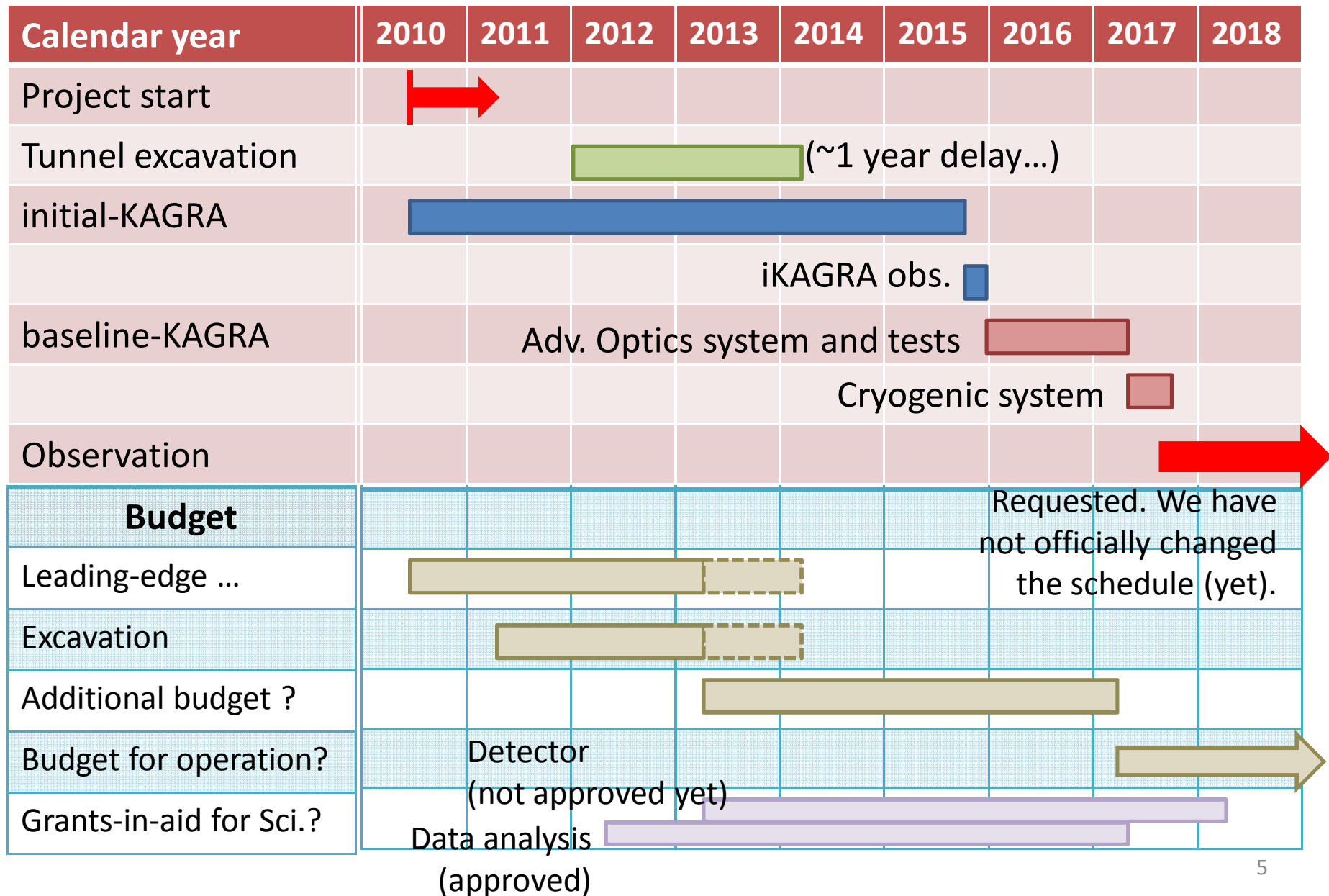
Budget and revised schedule

Feb. F2F



Budget and revised schedule

July 2012



Budget related

- FY2012 (April 2012 – March 2013) is the final year for Leading-edge Research Infrastructure Program, although we are requesting an extension.
- We have submitted additional budget request for (1) Cryogenic system, (2) recycling system, (3) clean environment in the underground facility and (4) surface building. The request is for 4 years (FY2013-16).
- The additional budget (even if approved), has many constraints. Items that are not mentioned in the request cannot be purchased. Items that are already included in the previous budgets cannot be requested.
- The budget deficit is about (0.7 to) 1 B yen. We do not have enough money to prepare everything as we hope. We have to think seriously what are really needed in Day 1 of bKAGRA (unless we get some more fund).

Budget related (2)

- Grant-in-aid for Scientific Research:
 - ✓ Specially Promoted Research (特別推進, for the detector R&D and commissioning). → Not approved. Will try again in the next FY.
 - ✓ Scientific Research on Innovative Areas (新学術, for the data analysis, Head = T.Nakamura, Head related to LCGT = N.Kanda). → Approved for 5 years.

A Response to External Review

- One of the items pointed out by the external review committee was: “As presented, the iKAGRA design would not be capable of accessing astrophysical sensitivity compatible with Advanced LIGO and Advanced Virgo. We understand that these compromises were taken in the interest of saving schedule. However, in view of above concerns regarding readiness of bKAGRA, we strongly recommend the team consider enhancing the design scope of iKAGRA,…”
 - ➔ Although we have not formally responded to the External Review committee yet, it is clear that we cannot meet this recommendation. We have to explain this to the External Review Committee.

Review(s)

- The Program Advisory Board meeting will be held on Aug.17 and 18. EO members are requested to attend. Sub-group leaders are strongly recommended to attend (and respond to the relevant questions raised at the meeting).
- We plan to have an intermediate (video) meeting with the External Review committee in this fall.

MOU

- We have started the work for the MOU between KAGRA and LIGO-LSC.
- We need to start the similar work for the MOU between KAGRA and Virgo.