

# **DERNIERES NOUVELLES DE L'ILC**

**Situation au Japon**  
**Evolution du contexte international**  
**Mise en place ILC-IDT par l'ICFA**  
**Implication du CERN**

**NB: EU-ILC Community zoom meeting convened by CERN on June 12<sup>th</sup>, see:**  
**<https://indico.cern.ch/event/928782/>**

## SITUATION AU JAPON

**2011-Earthquake  
recovery program  
extended up to 2031 by  
Parliament on June 5<sup>th</sup>**

***ILC now explicitly  
mentioned among  
potential programs For  
Tohoku region recovery***

**Consideration of upgrades  
now encouraged  
(even beyond 1 TeV)**

### Parliament resolutions voted on June 5<sup>th</sup>

#### 衆議院附帯決議

5 「新しい東北」に資する国際リニアコライダー等の国際研究開発プロジェクトが我が国で実施される場合には、被災地に誘致されるよう関係機関と連携、協力すること。

Supplementary Resolution #5 by the House of Representatives (unofficial translation)

*In cases where international research and development projects, such as **the International Linear Collider** which will contribute to the creation of a “New Tohoku”, are to be implemented in Japan, coordination and cooperation should be done with relevant organizations so that the projects can be hosted in the disaster-stricken areas.*

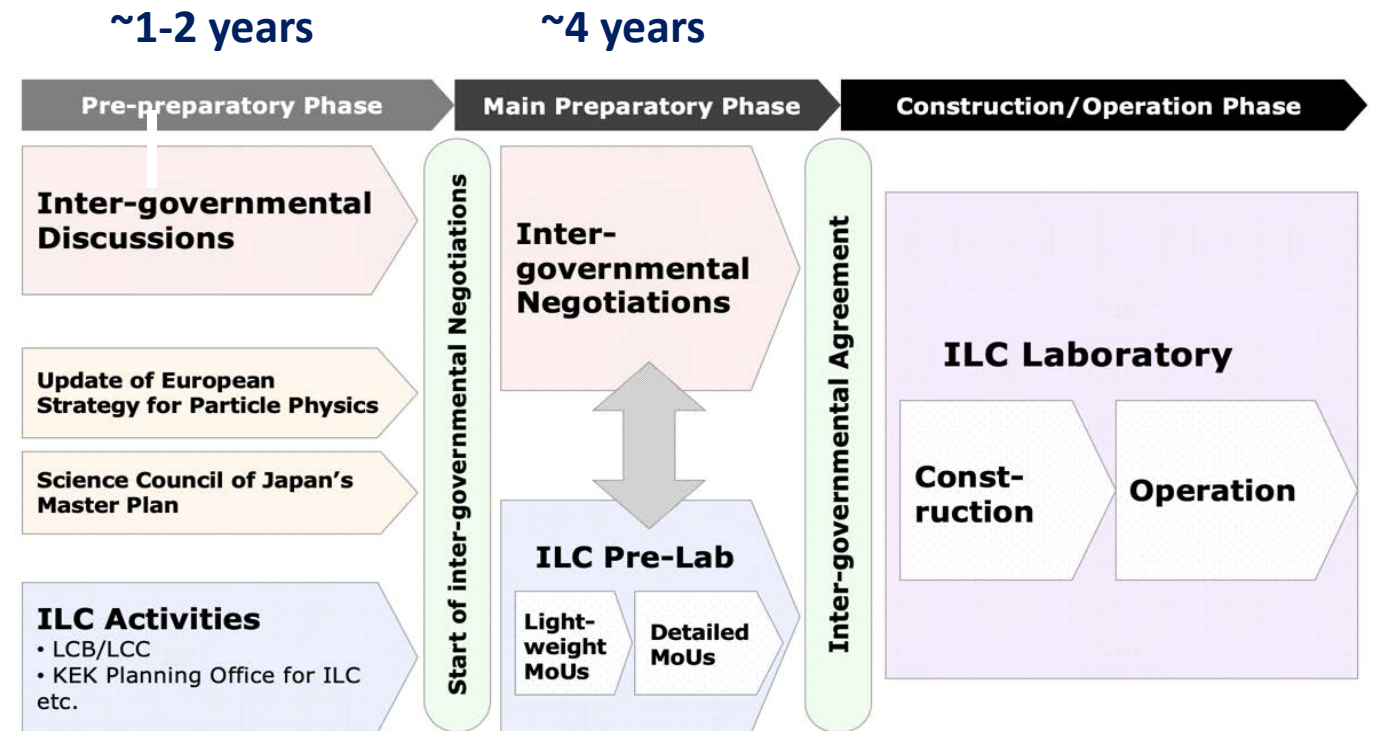
#### 参議院附帯決議

26 国際リニアコライダー計画は東北が世界的候補地になっていることから、その推進は福島イノベーション・コースト構想と並んで東北をフィールドとした科学イノベーションの創出による「新しい東北」に資するものであり、国内誘致に向け関係機関と検討を進めること。

Supplementary Resolution #26 by the House of Councillors (unofficial translation)

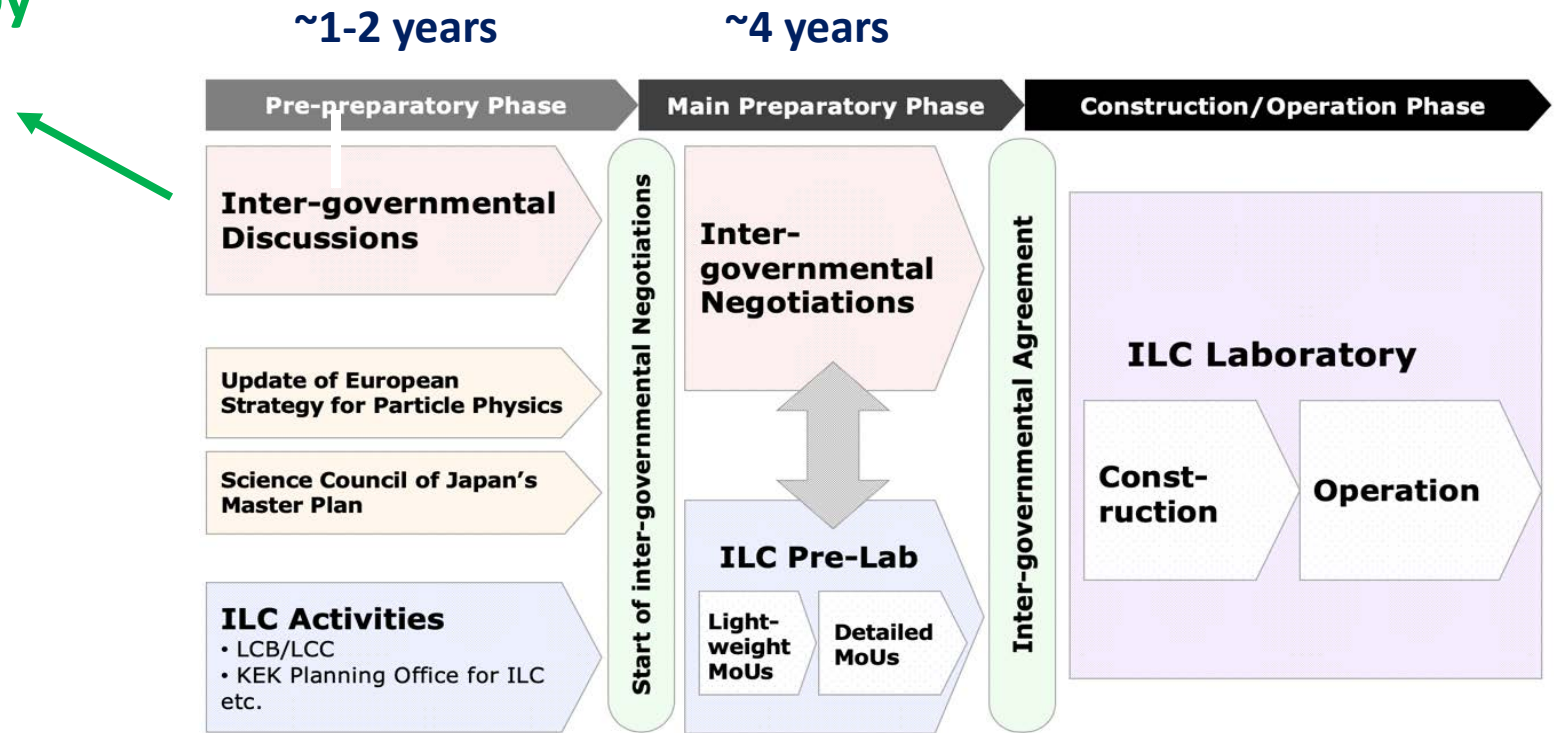
*Since the Tohoku area is the world's candidate site for **the International Linear Collider** project, its implementation will contribute, alongside the Fukushima Innovation Coast Framework, to the creation of a “New Tohoku” by becoming a breeding ground for scientific innovation; considerations towards hosting in Japan should proceed together with the relevant organizations.*

# EVOLUTION DU CONTEXTE INTERNATIONAL



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Official letter of support sent by  
US Government to  
Japan's Foreign Minister

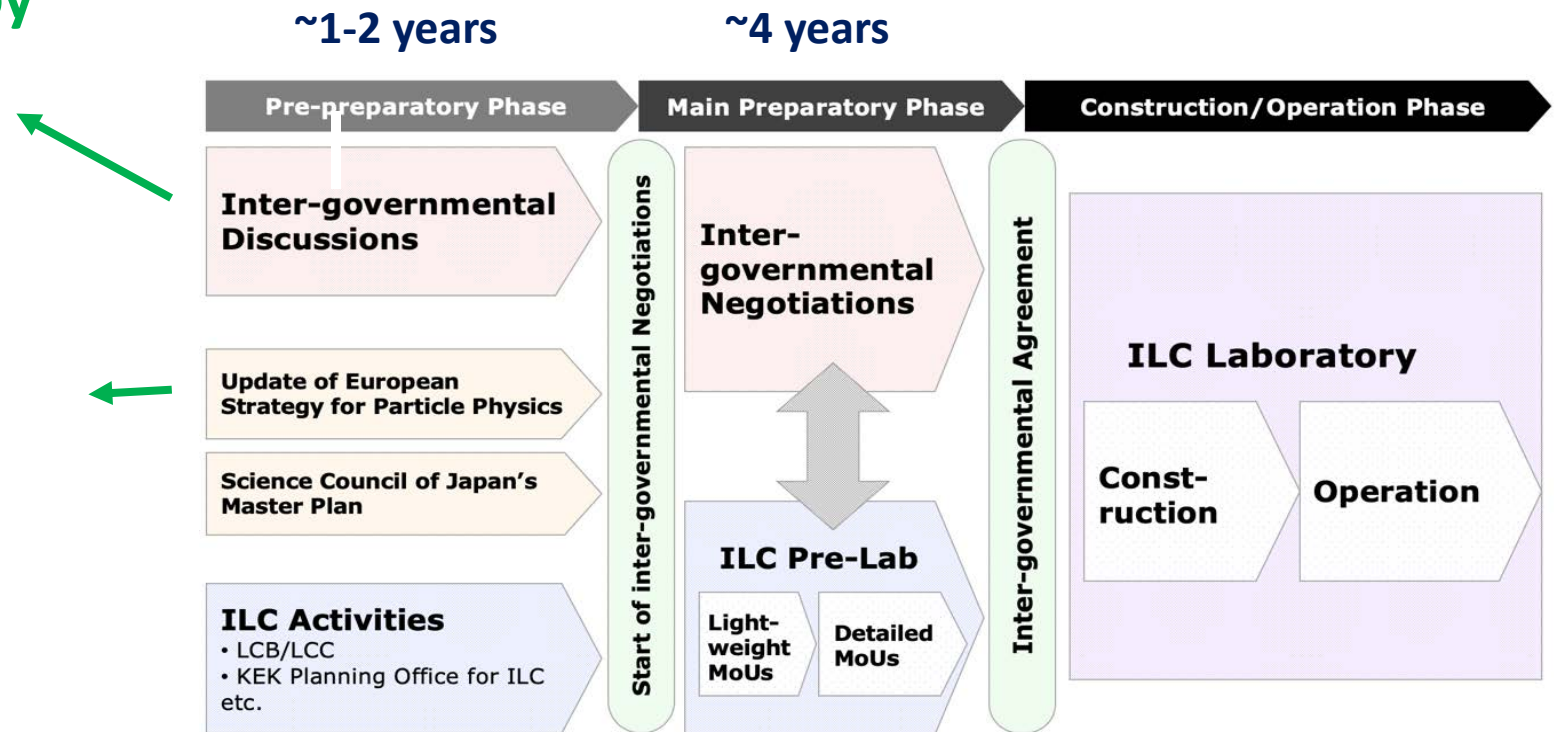


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## EPPSU outcome:

- $e^+e^-$  Higgs factory considered as the highest priority next collider
- ILC option compatible with FCC if timely realized
- Confirmation of EU wish to participate to ILC



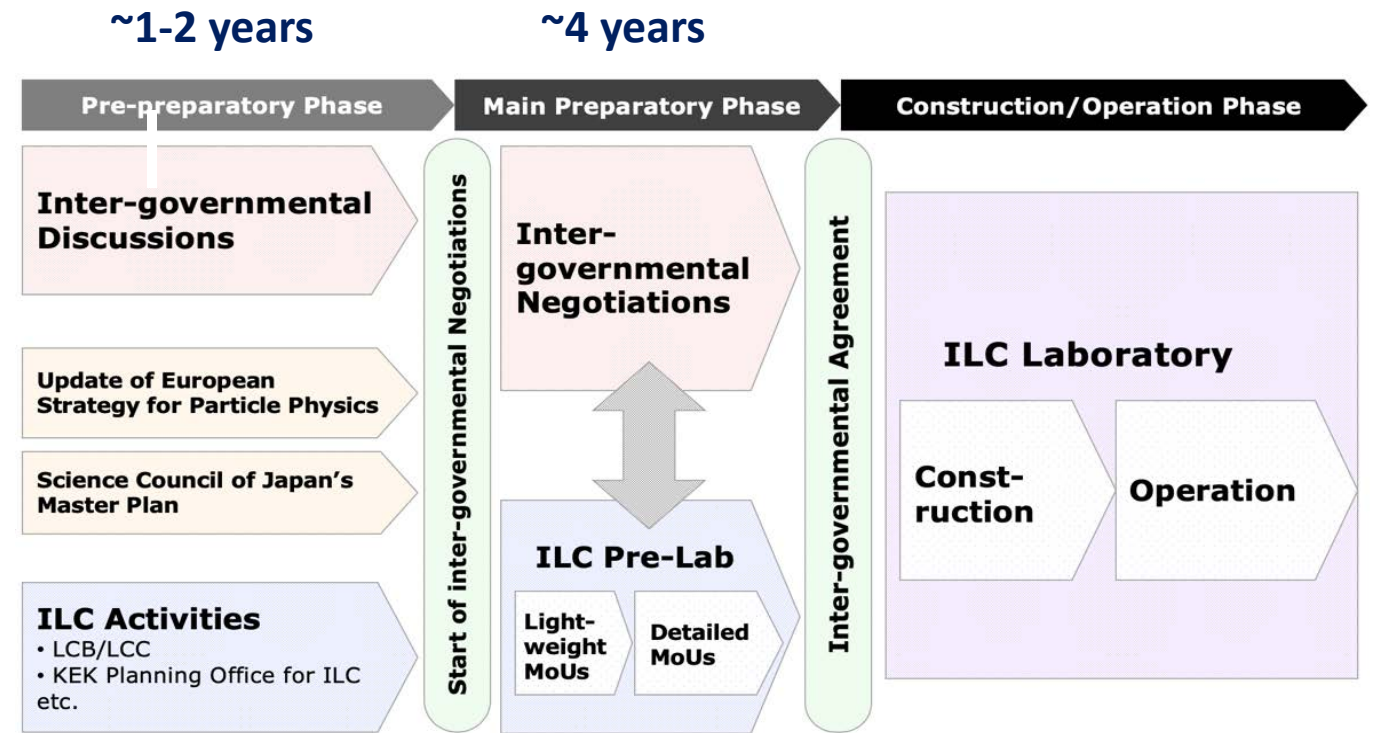


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“International Development Team” (post-LCC structure) being set up by ICFA\LCB and KEK.  
Main changes versus LCC:

- Focus on ILC (LCC was ILC+CLIC)
- Goal to define the future ILC Pre-Lab mandate and organization

Tatsuya Nakada  
June 12<sup>th</sup>

## Transition of LCB/LCC to ILC-IDT

← **ICFA approval expected early August**

- LCB has been preparing for a proposal to ICFA to establish the ILC International Development Team (ILC-IDT) succeeding LCB/LCC. The team will be created by ICFA, with KEK as the host with some support from FALC
- The main goal of the ILC-IDT is setting-up the ILC Pre-lab in a short timescale (one to two years), for the construction of the ILC in Japan.
- The ILC Pre-lab will be still based on the cooperation among national and international laboratories with KEK as the hub-laboratory. Thus the ILC-IDT must work closely with the regions to establish cooperation agreements.
- It should also provide an international framework for the continuation of the accelerator R&D and design work as well as the effort in physics and detector for the smooth start-up of the ILC Pre-lab
- The ILC-IDT will be based on the Executive Group and three Working Groups under:  
WG1(Pre-lab setup), WG2(Accelerator), WG3(Physics and Detector)

**Executive Group expected  
to be known early August**

**3 Working Groups expected  
to be set up early Autumn**

# IMPLICATION DU CERN

*CERN starting to be pro-active to participate to the ILC-IDT phase:*

## **Bilateral agreement for Development Phase CERN–KEK:**

- Recall background, ILC, ICFA statement, LCC history and Strategy
- Areas of collaboration CERN-KEK related to ILC (many existing agreements)
- Move of LCC hosting at CERN to KEK for ILC activities  
(WEB, news, common fund accounts)
- CERN facilitates European involvement in Dev. Phase  
(common fund, CERN office at KEK can help, WG participation, etc)

Steinar Stapnes  
June 12<sup>th</sup>

*ILC included in LC activities funded by the CERN mid-term plan approved last week*

**Potential relevance of similar national bilateral agreements being discussed**