

# Status and Next step in Japan

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# New ILC Promotion Scheme in Japan 1

## Five-party meeting (Mar. 2021 - )

- ILC Federation of Diet Members
- MEXT
- Physicists
- Industrial sector
- Candidate site

Productive discussions of possible solutions to the problems to realize ILC by all the stakeholders

- ① MEXT (Government) joins  
Discussion / Negotiation in this framework.
- ② Finance Ministry ..  
MEXT discusses with
- ③ Current activities is negotiated

## Outputs

- MEXT was recommended to make the expert panel
- MEXT was recommended to exchange views with the governments of US and European countries.

The final report of the expert panel discourage you.  
But some parts are approved and go ahead.  
The report makes clear what are the problems.

- Basic Idea of Cost-sharing @ Government level
- Procedure of realization of such a big project with the international.
- Human resource  
(FCC-ee, ,, , parallel many projects.  
10 years difference is )

# New ILC Promotion Scheme in Japan 2

Five-party meeting (Mar. 2021 - )

- ILC Federation of Diet Members
- MEXT
- Physicists
- Industrial sector
- Candidate site



The old promotion scheme in our community was terminated after ICFA.

ILC-Japan (May 2021 - )

- Spokesperson: Shoji Asai (U. Tokyo)
- Executive board
- Taskforces
- Working groups

KEK

Organize activities of the Japanese physics community to realize the ILC.

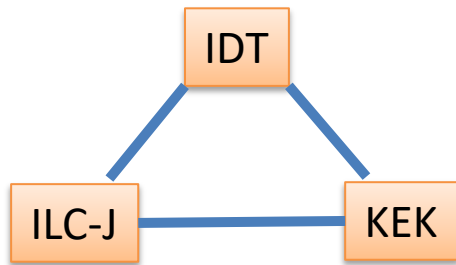
First 1: cope with the ILC expert panel, 2: Communication 3. discussion the community and the other communities about ILC

Expanding now



Following the ILC Expert Panel report, the Japanese HEP community has decided to further strengthen the function of the ILC-Japan by formulating TFs and WG; for example, by introducing a Public Relation TF “in order to expand support by various stakeholders in Japan and oversea,” (from the ILC Expert Panel report).

## Internationally



① Two immediate actions are performed with IDT/KEK.

② Physics/Detector  
Snowmass

## Domestic

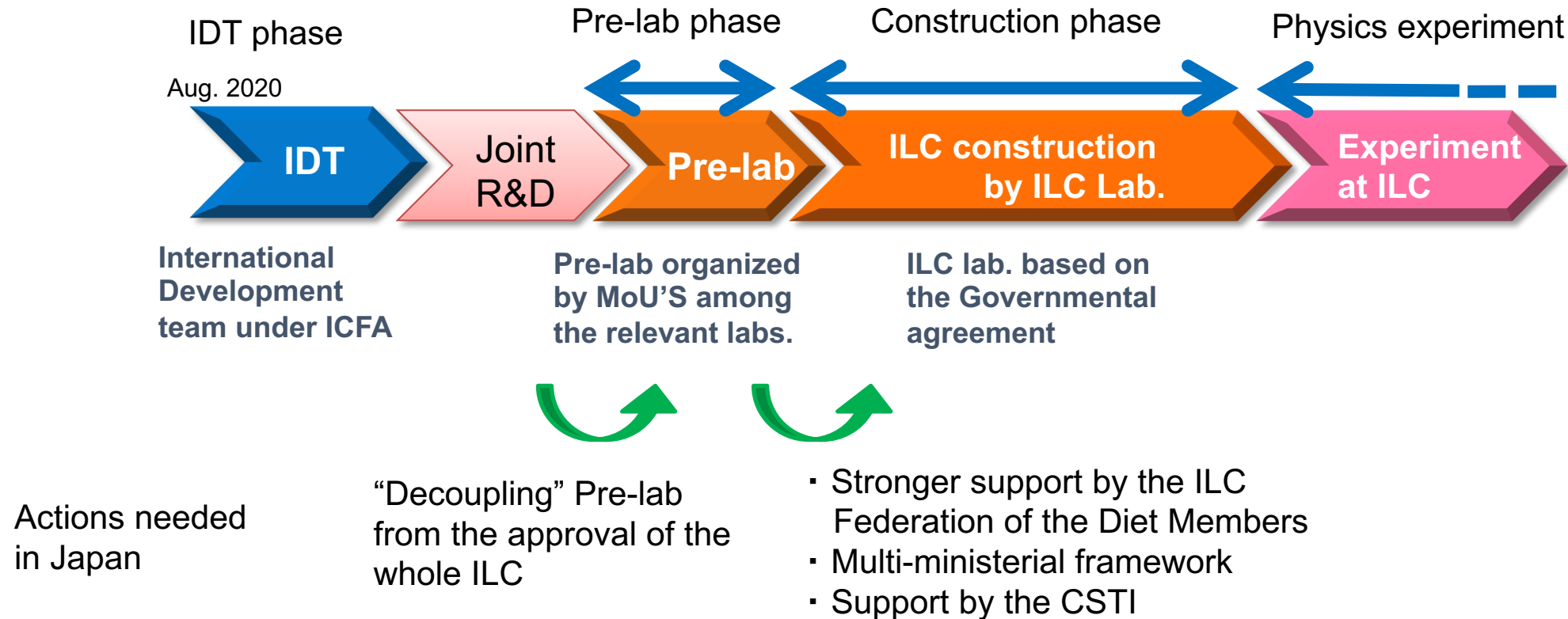
- ① encourage to join ILC for the community  
Start discussion with young (~40 years) / established scientists about ILC
- ② Unify Public relations in all sectors make PR efficient for G/E
- ③ Talk with the other scientific communities (ILCX & ①)
- ④ Encourage MEXT first -> then enlarge multi ministries.  
MEXT is the anchor ministry of our filed.  
The support from MEXT is crucial in all Government processes.

- ILC Federation of Diet Members
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- Physicists
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# Plan in the next few years

- Create a new international collaborative framework to implement the most urgent work packages in advance.
  - We believe that it is highly likely that the budget for this will be approved in Japan in JFY2023.
  - Detailed R&D plan is being elaborated in the IDT-WG2.
  - We are about to start discussions with related laboratories to exchange MOU's between the laboratories.
- An international working group will be set up to deepen discussions in two or three stages, and then, hold meetings to explain the progress to the representatives of the relevant governments. With this as a starting point, we will encourage intergovernmental discussions on the ILC.
  - Membership will be discussed with IDT, and proposed to ICFA.
  - At least one meeting attended by the government representatives will be held in one year.

# Longer Term Scenario in Japan



Please Keep support !!!

# Plan of action (1)

We plan to take two immediate actions, which is in line with the recommendations in the ILC Advisory Panel report, and were proposed to ICFA by IDT.

1. Action for preparation of an international collaboration of accelerator R&Ds
2. Action toward international discussions between MEXT and potential foreign governments

## 1. A new international framework of the accelerator R&D

- KEK has been taking to MEXT on the budget request for JFY 2023.
- The MEXT officer said in the Five-party meeting that MEXT will consider R&D through international collaboration and cooperation as recommended by the ILC Advisory Panel.
- The budget plan is now formulated by IDT-WG2. KEK with help of IDT would like to talk to potential participating laboratories concerning the international collaboration soon.
- For the JFY2023 budget request, KEK will submit the budget plan in June and the MEXT will decide whether they request the budget or not in the end of August. If successful, the budget will be included in the governmental budget plan in December 2022.
- KEK will make efforts to secure a significant increase of relevant accelerator R&D budget.



# Plan of action (2)

## 2. Toward international discussions

- KEK, ILC-Japan and IDT are discussing how to facilitate discussions among MEXT and potential foreign governments.
- MEXT said that they are prepared to join meetings with the other governments to discuss how the countries concerned can cooperate to support large research facilities such as Higgs factories in the future.
- KEK, ILC-Japan and IDT are considering a step-by-step approach. As the first step, we will organize an international working group to prepare a discussion document on lifecycle of the project. This will serve an input for the following discussion with involvements of governmental levels.
- KEK and ILC-Japan communicate with MEXT closely in starting and proceeding of the working group.
- MEXT also said that they would like to continue exchanging opinions with the other governments by, for examples, utilizing existing frameworks. We like to support such efforts as well.