

# ILC & MEXT

M.C Fouz

CIEMAT



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# SCJ Report

By September 2013, the Science Council of Japan (SCJ) published a report on the ILC. This report contains couple of key statements and requests

The Committee appreciates that the ILC enables the precision measurements of the detailed properties of the Higgs particle and the top quark, thereby exploring the physics beyond the Standard Model of particle physics and, therefore, it acknowledges that the ILC is endowed with the scientific value in particle physics. The Committee, however, expresses the desire for more compelling and articulate argument to justify the ILC project in order to search for unknown particles and the physics beyond the Standard Model, running concurrently with the upgraded LHC, given the considerable investment it will require.

Before making the final decision of whether the ILC should be hosted in Japan, the issues and concerns described in this document should be fully investigated and a clear vision for solutions needs to be provided. They include the whole profile of project cost for the construction, operation, upgrades and decommissioning, as well as prospect for cost-sharing among the countries involved. Also included are the issues related to human resources and management/operation organization.

[http://www.scj.go.jp/ja/info/kohyo/pdf/Report%20on%20ILC\\_Executive%20Summary.pdf](http://www.scj.go.jp/ja/info/kohyo/pdf/Report%20on%20ILC_Executive%20Summary.pdf)

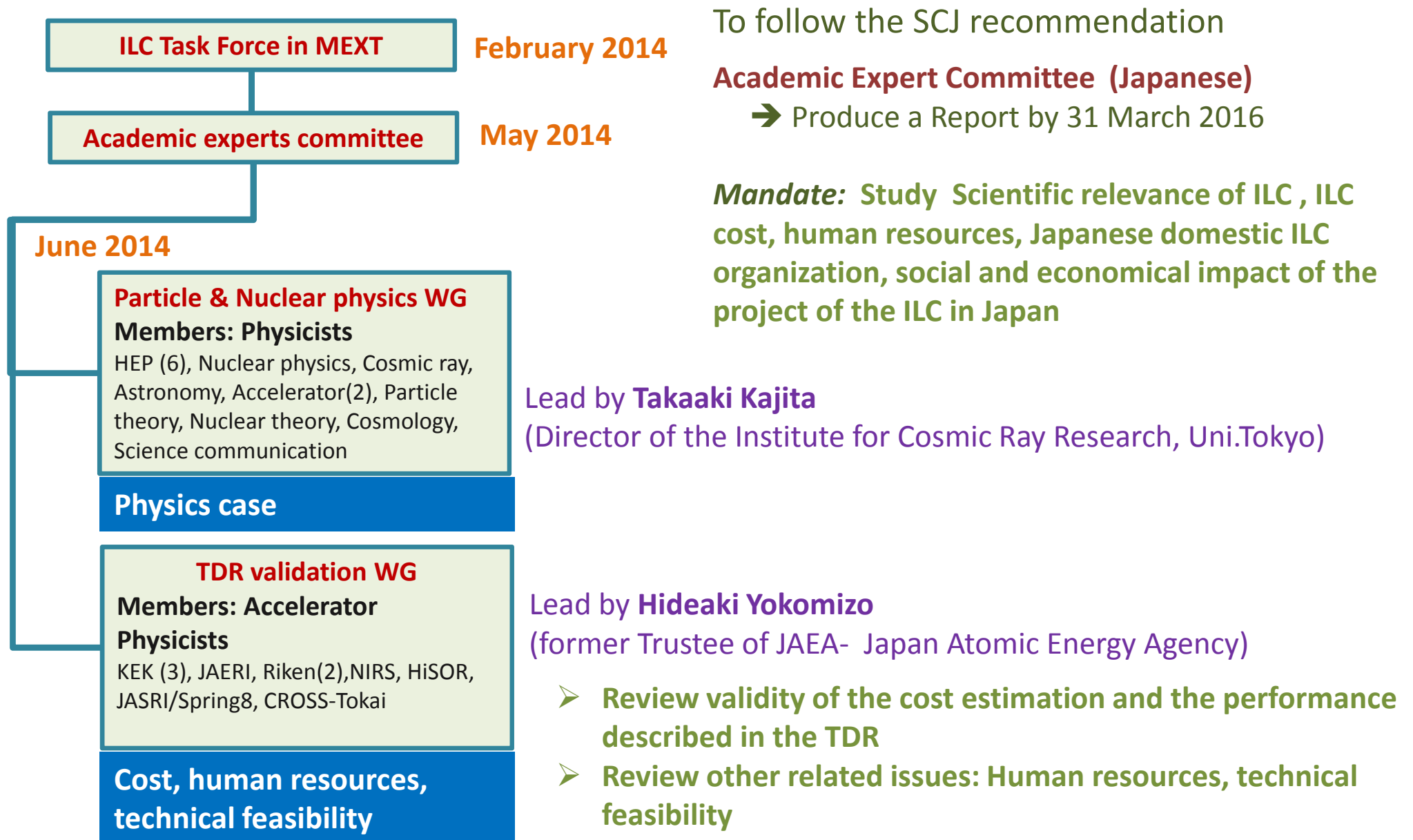
# Towards the Japan decision about ILC

**October 2013** Japanese minister of MEXT (Ministry of Education, Culture, Sports, Science and Technology) announced that **the government will create a working group of advisors with specialist from various fields which will review the possible issues on the realization of the ILC in Japan**

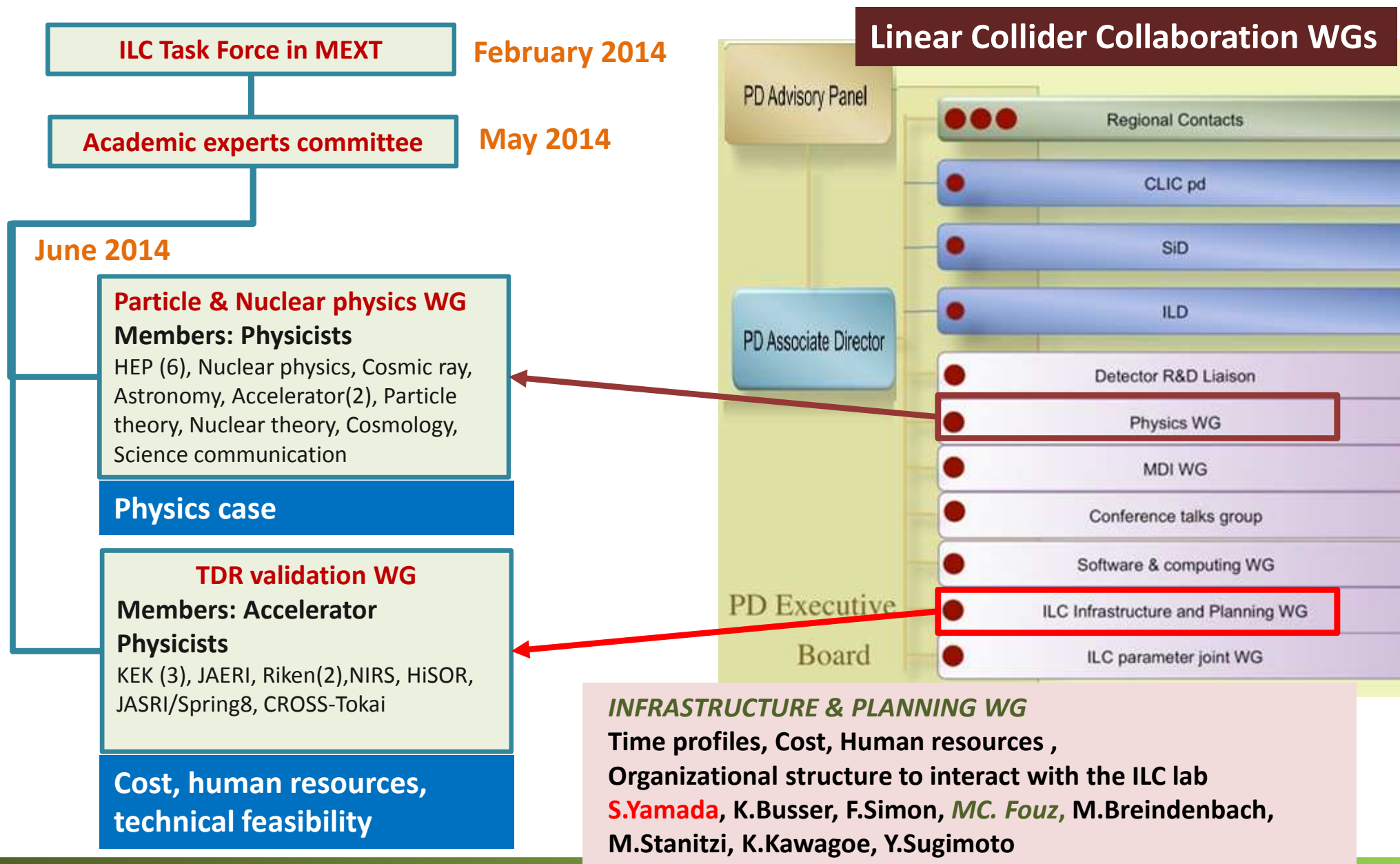
**December 2013:** 50 million yens (~500,000 \$) approved for 2014 as “preparatory budget” for the ILC as official project

**February 2014.** KEK set up **a Planning Office for the ILC** (headed by Atsuto Suzuki General Director of KEK)

# MEXT's organization for ILC



# MEXT's organization for ILC



# Infrastructures & Planning working group

Study of the human and budgetary resources needs during construction and operation

Time profiles of the resource

Organizational structure to interact with the ILC laboratory

## Budget

Total and Time profiles

## Human resources (Physicist, engineers, technical, students)

From external labs and from ILC lab

During construction and during operation (Time profiles)

Long stays, short stays

## Infrastructures

Offices

Meeting rooms

Hall space for assembly

Clean rooms

Cranes

On-site computing

Safety

Cafeteria

Housing...

Detector cost and human resources profiles  
estimated for each sub-detector of ILD and SiD

# Next MEXT TDR WG Meeting

Next MEXT TDR validation WG meeting: **26<sup>th</sup> January**

## Objectives of the meeting

Challenges to be solved

What is being doing now

Budget

Human resources (At the Assembly area and at the ILC lab)

Inputs from LC WGs

during construction and operation and the previous period before start construction

In case of ILC is approved several years (~4?) to be ready for start construction  
R&D, Decision of technologies, TDR detectors....

# Revision of the Project Implementation Planning

A **Project Implementation Planning (PIP)** report for realizing the ILC as a project was included in ILC Technical Design Report .

A revision is needed to adapt it to the case of Japan as host state of ILC project

- Political environment

- The TDR to the characteristics of the Japan Site (Kitakami)

- New issues: Transition towards establishment of the ILC laboratory , running costs, intellectual property

A Revised PIP documentation is being prepared

It will be sent to FALC (The Funding Agencies for Large Colliders )

- Governance model

  - Legal status, management structure, representation

- Financial Model

- Host responsibilities

  - Housing, spouse employment, schools, hospitals, electrical power, roads and bridges (heavy pieces)

- Project schedule

- Interface ILC Lab with Experiments

  - Infrastructures, technical assistance, services

- Transition from the present structure



## From Yasuhiro Okada (Executive Director, KEK ) talk at ILD meeting Sep 2014

Conversation on ILC between MEXT Minister Mr. Hakubun Shimomura  
and DOE Secretary Dr. Ernest Moniz

January 9, 2014



モニーツ米国エネルギー省長官を訪問し、  
国際リニアコライダー計画などについての  
会談を行いました。

A letter to reiterate the conversation regarding the ILC project in Japan  
was sent from Mr. Shimomura to Dr. Moniz in February 2014.

From Mr. Shimomura's HP

April 28, 2014



米国エネルギー省のモニーツ長官と会  
談しました。原子力、核セキュリティや  
国際リニアコライダー計画などにてい  
て意見交換しました。【秘書投稿】

# From Yasuhiro Okada (Executive Director, KEK ) talk at ILD meeting Sep 2014



*October 2012*



*March 2013*



*March 2013*



Lyn  
Brian  
Harry

*April 2014*

**May 2014**

**Letter from**



**to**

**CERN DG**

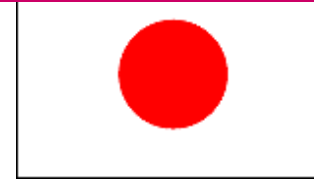
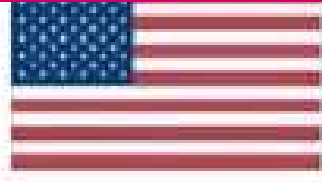
**EU Government**

**June 2014**

**Meeting : France-Japan Friendship Diet Members' Caucus in Tokyo**







**July 2014** Meeting : US-Japan Friendship Diet Members' Caucus in Washington

7/22 Round Table Discussions with  
米OSTP, DOE and Physicists



7/23 Discussions with  
Holdren大統領科学補佐官他



7/23 シンシア・ルミス  
下院議員の補佐官



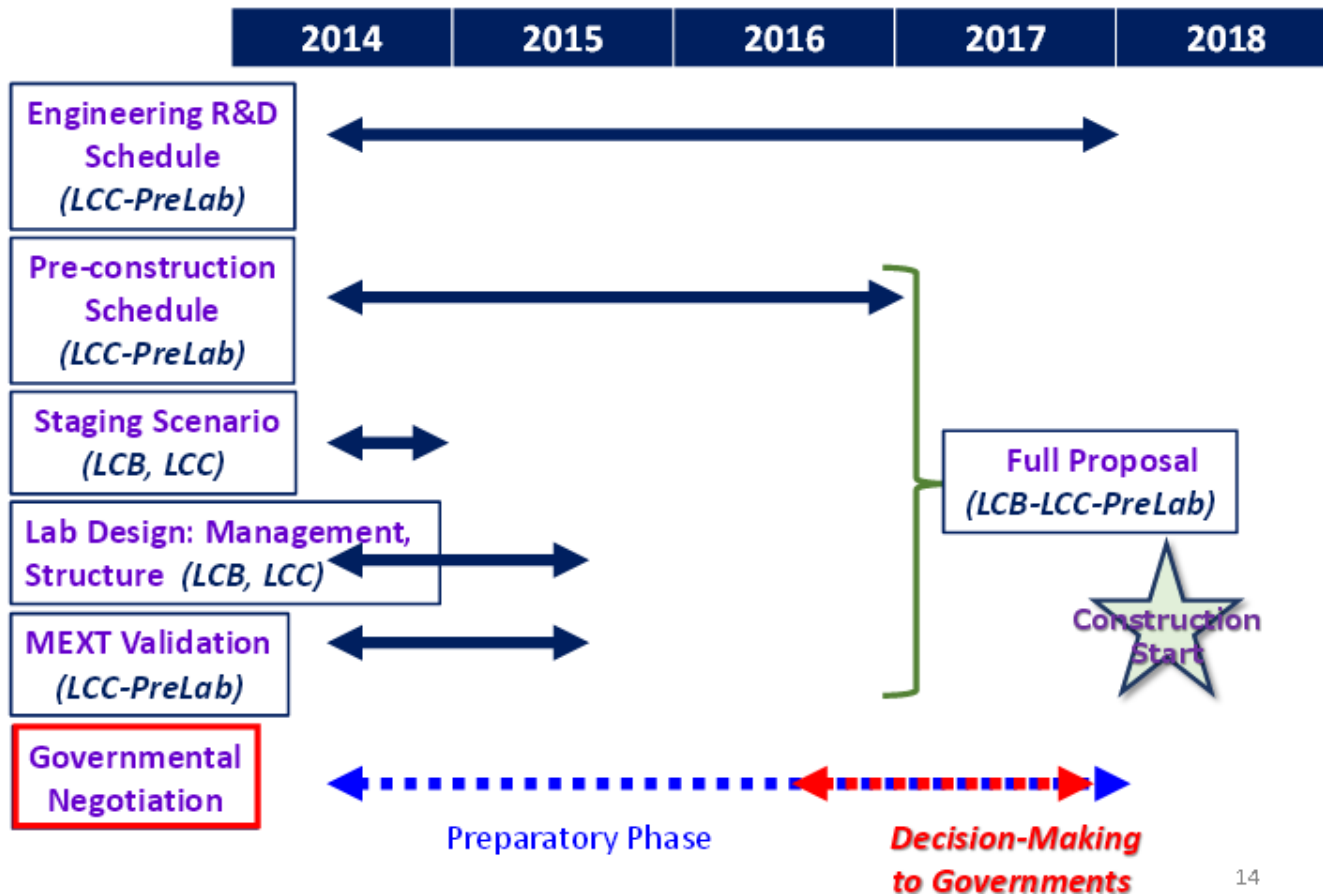
7/23 ランディー・ホルトグレイ  
下院議員



7/23 ラッシュ・ホルト  
下院議員



# ILC Schedule



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