

Discussion:

Infrastructure and Civil Engineering “ICE”  
in Pre-lab phase

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# Near term work; answers as the IDT-WG2 CFS subgroup

- Technical preparation (remaining topics) at Pre-lab
- Preparation for mass production at Pre-lab
  - Out of scope for CFS
- Possible schedule at Pre-lab
- International sharing candidates of these activities

# Technical preparation (remaining topics) at Pre-lab

- Civil engineering and infrastructure need to complete a document to begin civil engineering work immediately after the Pre-lab phase.
- Continue current work to the basic and detailed design in parallel to the EDR but should proceed in advance.
- Designs should be addressed by a group in Japan with the advices from oversea experiences.
  
- Proceed the Environmental Assessment
  - Strategic Environmental Assessment (by KEK and local sector cooperation)
  - Environmental Impact Assessment (by KEK on behalf of Pre-lab)

# Do we have enough information for ICE design?

	CFS design (Space)	Transport in tunnel	Requirements for Installation	additions	In-situ preparation?	
Source e-	linac?			Laser room for gun		
e+ undulator	Target area?					
e+ e-driven	On going	?	?	Laser room for gun		
DR	TDR					
RTML	TDR		?			
Turnaround/BC	TDR					
ML	Fixed?	confirmed?				
BDS	On going			Laser room for polarimeter		
IP	updating				<ul style="list-style-type: none"> <li>Platform</li> <li>Packman</li> </ul>	
Dumps	On going	From where?				

*This table is an example and for the discussion today.*

# International sharing candidates of Pre-lab activities

- Civil engineering is responsible of host country.
- Some of utility devices will have a potential to share
- It is strongly desired to control the procurement of a fundamental utility system under the central management.
- How and which issues can be shared?