

Presentation on:



The Hayama Proposal and “After FUKUSHIMA”

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1. Hayama Proposal

What is the Hayama proposal?

- Hayama is the place where IGES is located
- Part of the on-going work of IGES has on international climate change policy
- **NOT** the views of any governments
- The proposal will be further developed through consultations with various stakeholders

The context

- We need to find a comprehensive and compromise option to avoid a global “pledge and review” world
- Step-wise approach is needed
- Although they can bog down negotiations in “terminological disputes”, “Internationality” and “binding” are important

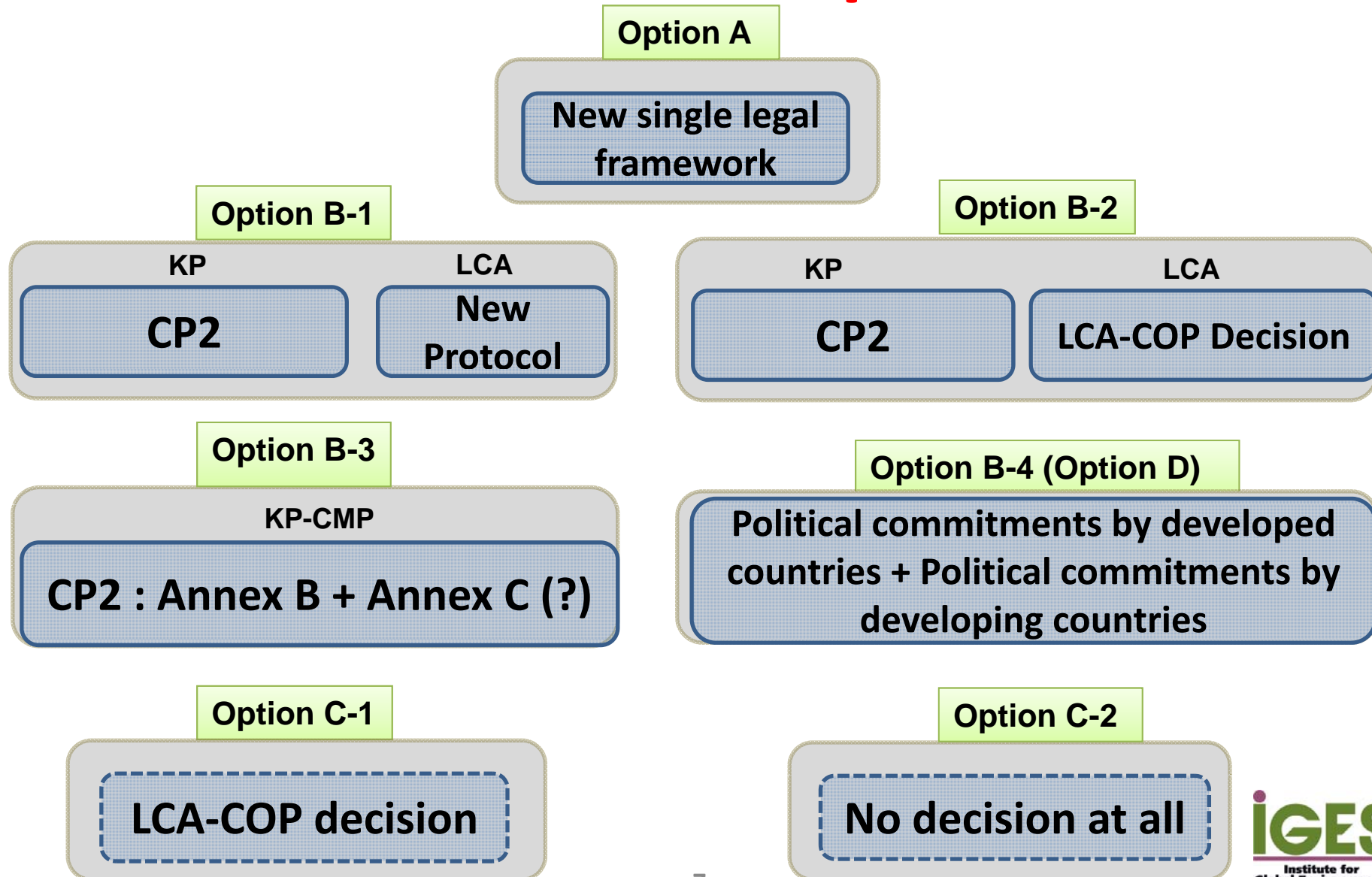


The context (cont'd)

- “Stringent MRV/IAR/ICA only” may or may not be sufficient
- Comparability of the numerical targets and actions is very difficult to judge, especially between developed countries and developing countries



“Probable” options



**To avoid a “pledge and review”
world, possible process would be
a stepwise approach bound for a
single legal framework with
compromises from both sides**

Main characteristics of Hayama proposal

**A tentative option B & D regime with
“Political commitments by developed
countries and developing countries with
some CBDR principle” and “clear
mandate for a single legal frame work”**

Incentives for developed countries

For example:

- Clear mandate for a single legal framework
- Targets or actions of the emerging economies that will become internationally-binding
- No-limited use of Kyoto mechanism
- Easy access and low tariff on environmental technology export/import and trade



Incentives for developing countries

For example:

- **Clear signal of the strong political commitments by developed countries linked to clear mandate bound for Option A**
- **Finance/technology/adaptation support**
- **Clear demand for credits**



Incentives for developing countries (cont'd)

For example:

- **Consequences of non-compliance can be differentiated between developed countries and developing countries**
- **Easy access and low tariff on environmental technology export/import and trade**



Issues to be solved

- **Gigaton Gap**
- **Domestic politics**
- **Development and responsibility**
- **Measures against un-willing countries**

*Unfortunately, no clear idea
at this moment*



2. Implication of the FUKUSHIMA accident

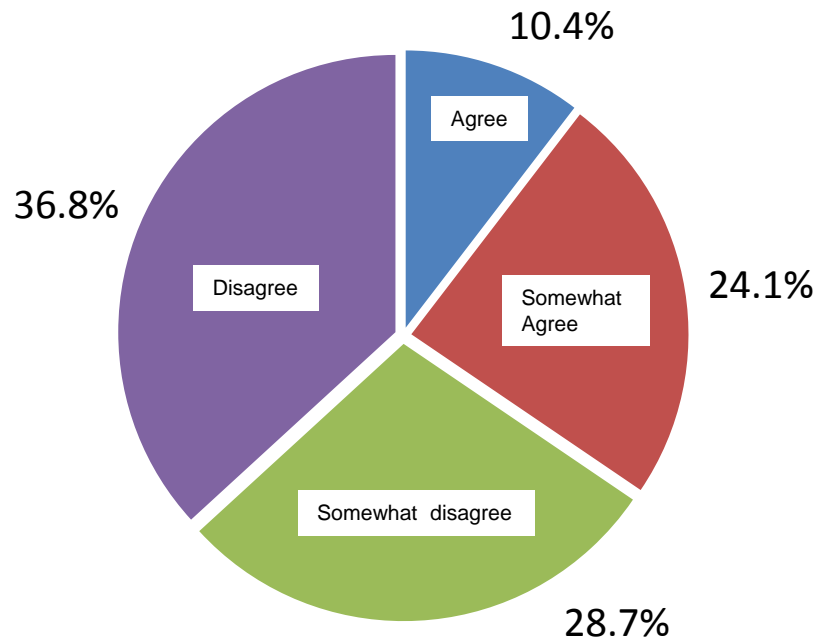
“Less-dependent on nuclear power” is a consensus in Japan, but...

- **When?** : Immediately, 20years, 40 years....
- **How?** :Renewable? fossil fuel?
- **How much?** :Cost re-calculation
- **CO₂ implication?**: Difficult to say something definite at this moment

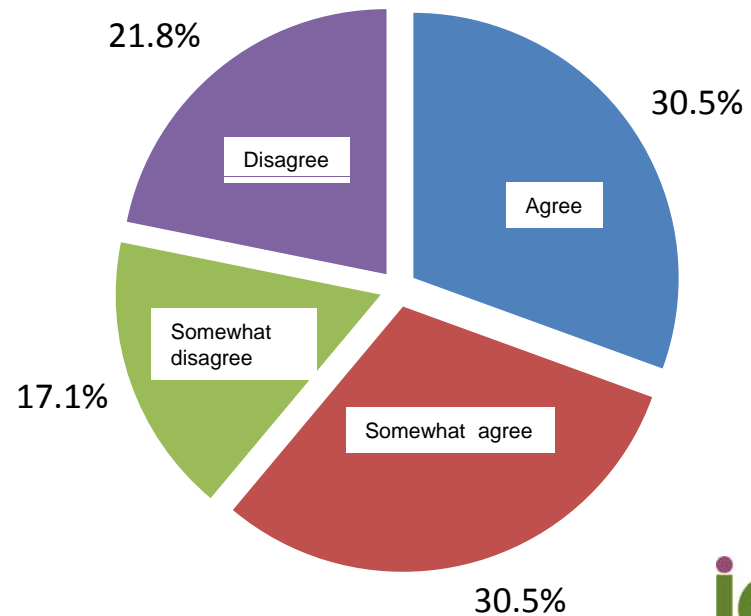
Survey conducted by IGES:

Do you support nuclear power to meet the demand of Japan?

Japanese (N=432)

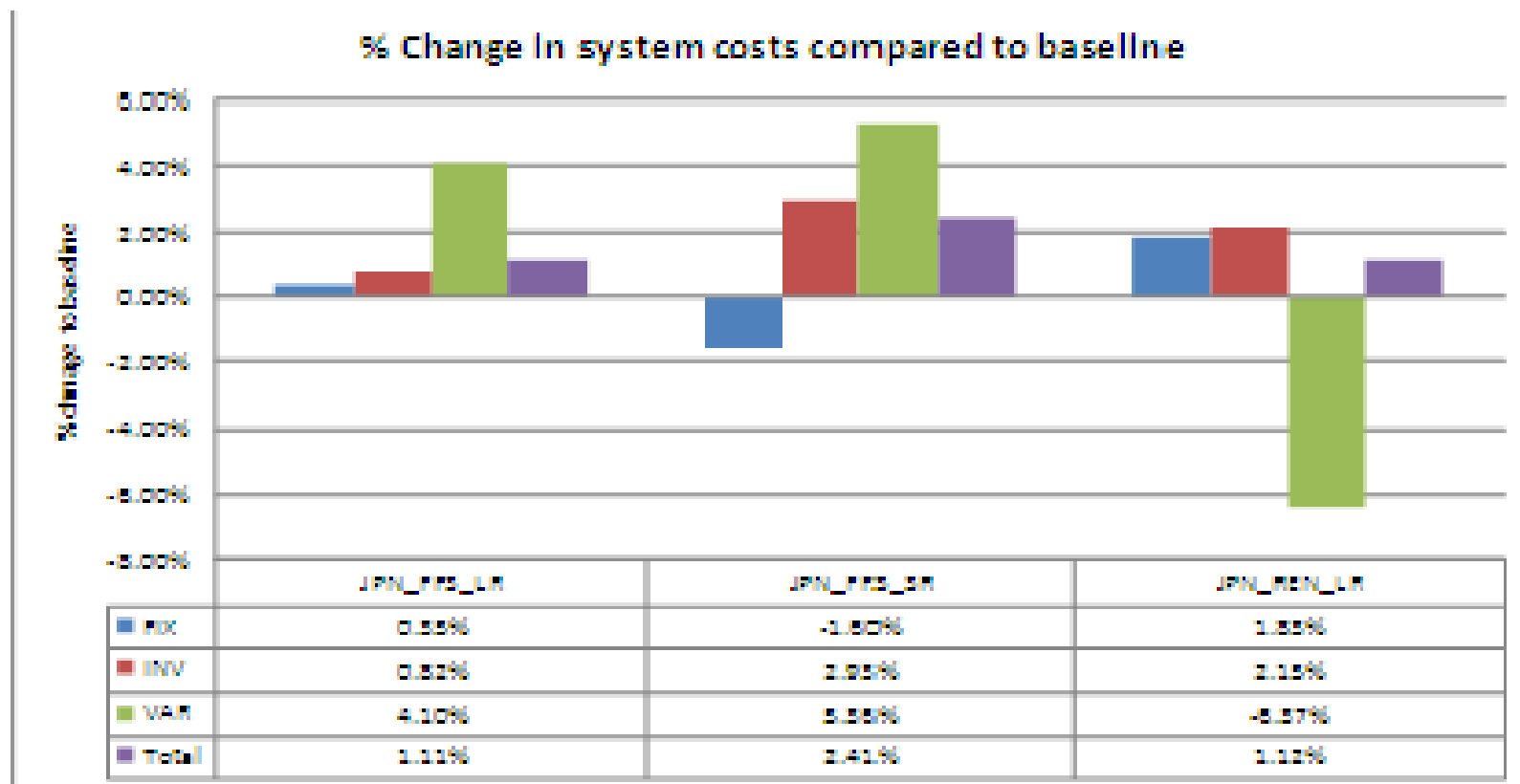


Non Japanese (N=275)



Renewable is cheaper in the long run, but...

Results of the TIMES Japan model simulation by IGES
 NPV of total energy system cost (2005-2100, 10% discount rate)



*Thank you and let's
keep fingers crossed!*

