

# **North-East Asian Perspectives on the Challenges to Energy Security and the Sustainable Use of Energy**

November 12 2012

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# Disclaimer

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*This document was prepared for the presentation at North-East Asia Sub-regional Consultation Meeting for the Asia-Pacific Energy Forum 2013, 12-13 November 2012, Incheon, Republic of Korea, organized by UN ESCAP. The contents and opinions represent the authors' personal view. Some notes and the titles of source were abbreviated. The figures were mostly drawn from open resources in the web. Please consult with the authors for the details of contents and the sources of materials.*

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## **Part II.**

# **Enhancing Energy Security and the Sustainable Use of Energy: Modalities of Cooperation**

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# Energy Initiatives in East and North-East Asia

Source: ESCAP, 2008

Initiative	Acronym	Type	Energy subsector
ASEAN+3 through ACE	ASEAN+3	Intergovernmental	
Asia-Pacific Economic Cooperation	APEC	Intergovernmental	
Asia-Pacific Partnership on Clean Development and Climate	APP-CDC	Partnership	
Central Asia Regional Economic Cooperation	CAREC	Programme	Electric power, energy efficiency
Energy Charter Treaty	ECT	Intergovernmental	Electric power, energy efficiency
Intergovernmental; Collaborative Mechanism on Energy Cooperation in North-East Asia	ECNEA	Intergovernmental	
Eurasian Economic Cooperation	EurAsEC	Intergovernmental	Electric power, fossil fuels
Greater Mekong Sub-region Programme	GMS Programme	Programme	
Greater Tumen Initiative	GTI	Programme	Electric power
Mekong Programme	Mekong Programme	Intergovernmental	Electric power
Partnership for Equitable Growth	PEG	Partnership	Fossil fuels
Renewable Development Initiative	RDI	Programme	Renewable energy
Shangai Cooperation Organization	SCO	Intergovernmental	

# Multilateral Energy Cooperation in North-East Asia

Name of initiative	Acronym	Economic and others	Energy	Petroleum fuels	Electric power	Renewable energy	Energy Efficiency	Cross-border trade		China	DPR Korea	Japan	Mongolia	RO Korea	Russia
Asia Pacific Energy Research Centre	APEREC	X	X	X	X	X	X			X		X		X	X
Asia-Pacific Partnership on Clean Development and Climate	APP-CDC	X	X		X	X	X			X		X		X	
East Asia Summit	EAS	X	X							X		X		X	
Energy Charter Treaty	ECT		X	X	X		X	X		O		X		O	X*
Forum for Nuclear Cooperation in Asia	FNCA				X					X		X		X	X
UNDP/Greater Tumen Initiative	GTI	X	X	X	X			X		X	X		X	X	X
Intergovernmental Collaborative Mechanism on Energy Cooperation in North-East Asia	ECNEA		X	X	X	X	X	X			X		X	X	X
International Atomic Energy Agency	IAEA		X							X		X	X	X	X
International Energy Agency	IEA		X									X		X	
International Energy Forum	IEF		X							X		X		X	X
International Renewable Energy Agency	IRENA					X						X	X	X	
Joint Oil Data Initiative	JODI			X						X		X		X	X
Northeast Asia Gas and Pipeline Forum	NAGPF			X				X		X		X	X	X	X
World Association of Nuclear Operators	WANO		X							X		X		X	X

Note: X-denotes membership; O-denotes observer status. ECNEA, Five Year Strategy, p.65, Annex 8.

# Multilateral Energy Cooperation in North-East Asia

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## ◆ Intergovernmental Collaborative Mechanism on Energy Cooperation in North-East Asia (ECNEA)

- Established in 2005 after a series of UNESCAP meetings
- The only initiative targeting all six member states of NEA
- Two working groups (WG-Energy Planning and Policy and WG-Coal)
- Five Year Strategy (2010-2014)
- ECNEA tries to:
  - Lessen its dependence on energy imports from outside the region;
  - Optimize the economy and efficiency of supply and use of energy;
  - Minimize the environmental impact of energy production and consumption through improved energy mix and greater energy efficiency.

→ Improved energy security in North-East Asian through energy cooperation in a sustainable manner by 2020

# Multilateral Energy Cooperation in North-East Asia

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## ◆ Five Year Strategy (2010-2014)

### ➤ Key agenda:

- Development of oil, gas and coal resources;
- Development of policies and regulations for energy trade through oil and gas pipelines and grid interconnection;
- Investment promotion and project development for a regional energy market;
- Study on the use of renewable energy and improvement of energy efficiency;
- Evaluation of establishing a sub-regional strategic oil reserve

### ➤ Achievement & Limitation

- Continued discussion and researches among participating countries as well as private companies in Government-Business Dialogue.
- However, two major countries of the sub-region, China and Japan, do not officially participate in the ECNEA.
- The Democratic People's Republic of Korea (DPRK)'s participation is also limited.
- With insufficient participation and contribution, available resources of ECNEA as well as its political mandate were limited.



## Trans-Asia Energy System (TAES)

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Wide Integrated Energy System Linking and Synergizing  
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ence Regional Energy Security of Asia for Sustainable Social and  
ment in the 21<sup>st</sup> Century”

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