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### Dissemination of Environmental Technologies in APEC: State of Play

Submitted by: ICTSD



Seminar on Dissemination of Environmental Technologies Big Sky, United States 11 May 2011



## Dissemination of Environmental Technologies in APEC: State of Play

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# **GLOBAL PLATFORM**ON CLIMATE CHANGE, TRADE & SUSTAINABLE ENERGY

### ICTSD - 国际贸易和可持续发展中心





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### **GLOBAL PLATFORM**ON CLIMATE CHANGE, TRADE & SUSTAINABLE ENERGY

#### Overview

- Value chain of EGS
- IP, Trade and Investment
- Challenges and opportunities of dissemination of environmental technologies

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### **GLOBAL PLATFORM**ON CLIMATE CHANGE, TRADE & SUSTAINABLE ENERGY

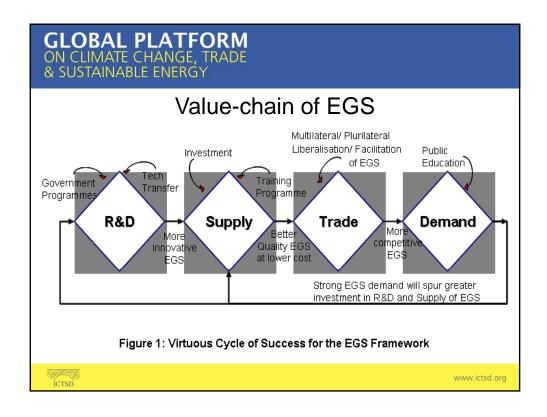
#### **Definition TT**

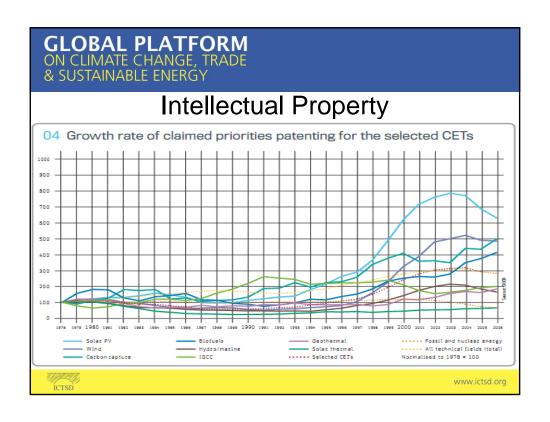
"The broad set of processes covering the flows of knowledge, experience and equipment amongst different stakeholders such as governments, private sector entities, financial institutions, NGOs and research/educational institutions"

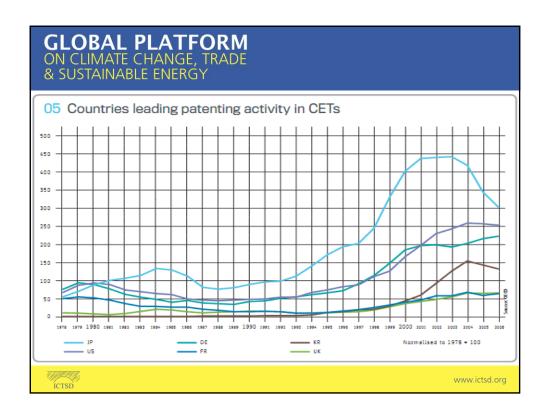
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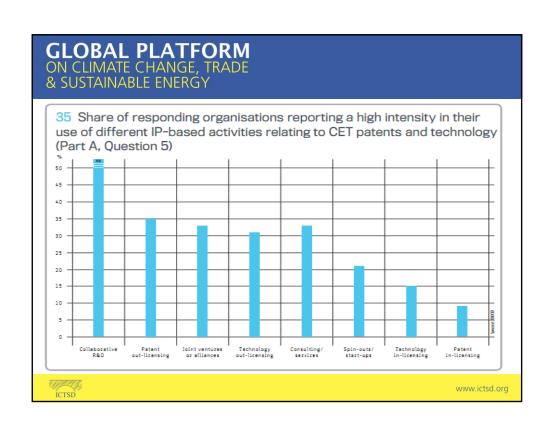
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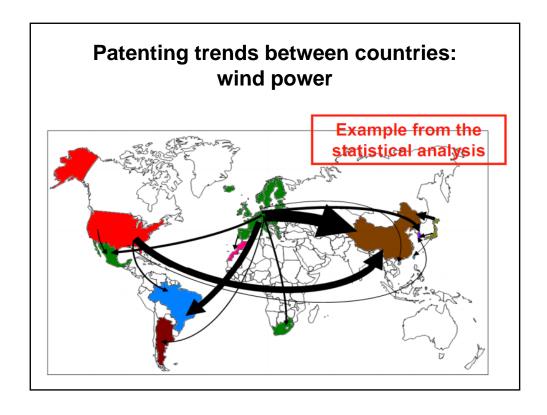
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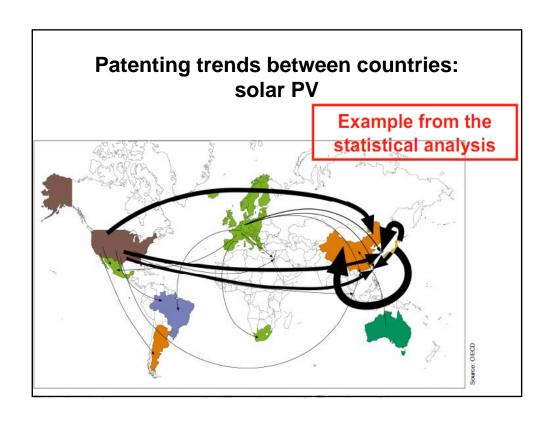


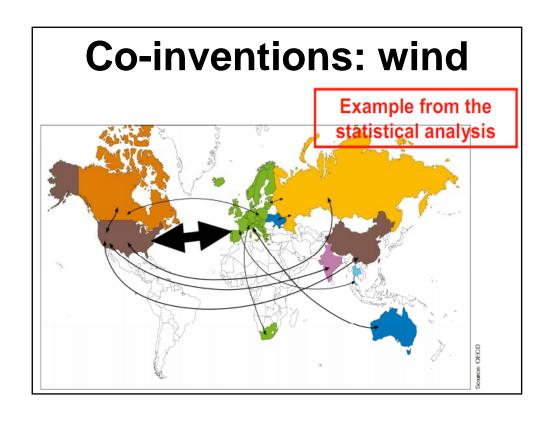


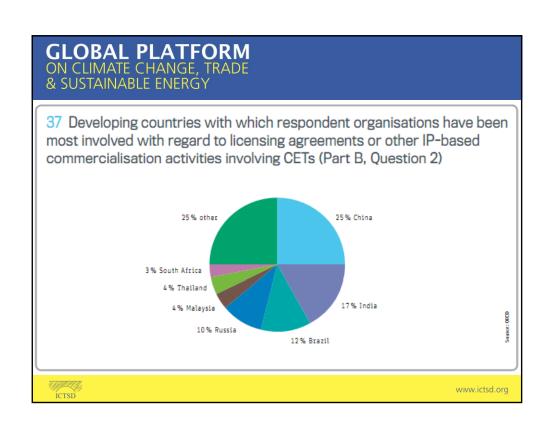


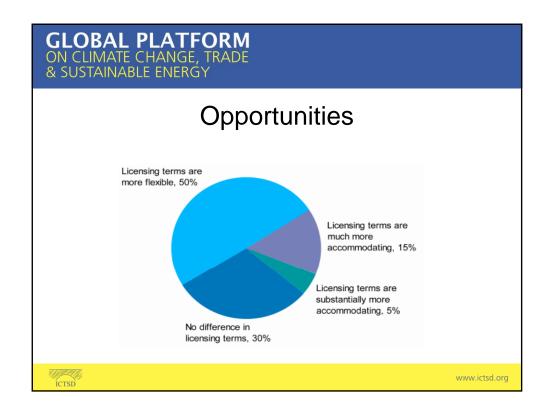


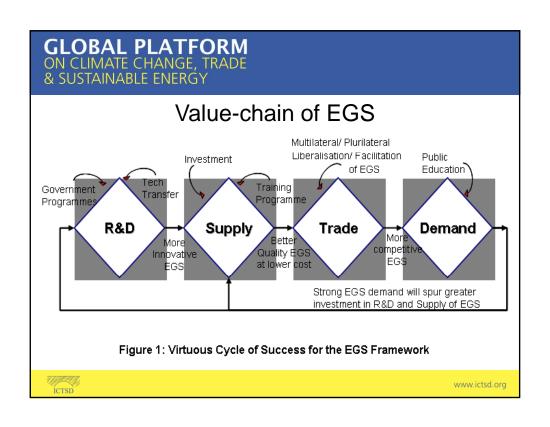




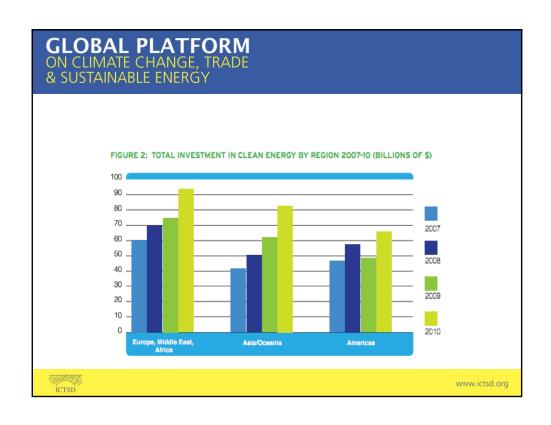


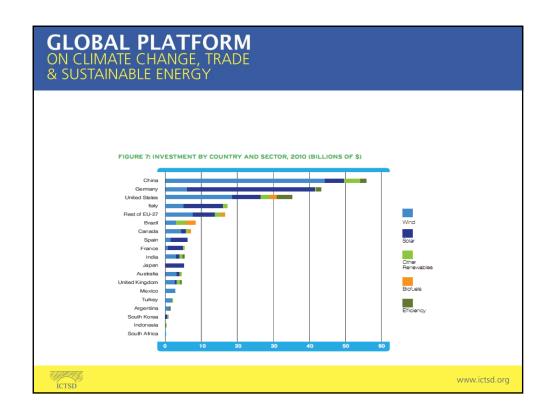




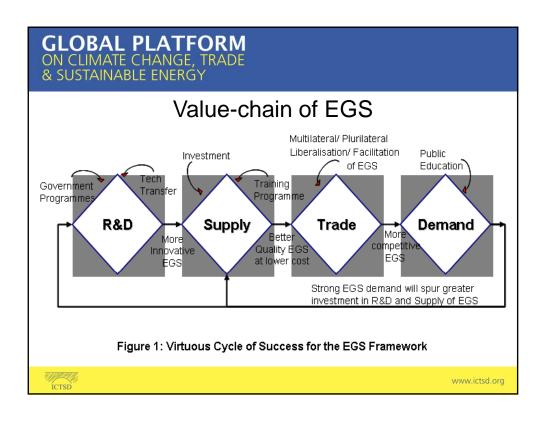








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Ra	nk¹	Country	All renewables	Wind index	Onshore wind	Offshore wind	Solar index	Solar PV	Solar CSP	Biomass/ other	Geo- thermal	Infra- structur
	(1)		71	76	78	69	60	67	40	59	51	77
2	(2)	USA <sup>3</sup>	67	67	70	56	72	71	75	61	67	61
3	(3)	Germany	63	66	63	74	54	65	0	63	54	62
3	(3)	India	63	64	71	42	68	70	64	59	45	65
	(5)	UK	62	68	64	79	40	54	0	59	38	71
,	(6)	Italy	62	62	65	54	65	68	60	56	65	68
	(7)	France	58	60	62	57	51	60	24	59	36	62
3	(8)		55	56	60	42	63	61	68	50	33	55
•	(9)	Canada	54	60	65	46	34	46	0	49	34	62
0	(10)	Portugal	52	55	59	42	49	58	22	46	33	57
1	(11)	Ireland	50	57	57	57	26	35	0	48	27	59
1		Sweden	50	54	54	53	32	44	0	55	34	53
1	(12)	Greece	50	52	56	41	54	59	41	41	32	52
4	(12)	Australia	49	49	53	40	53	55	46	45	59	51
5		Japan	48	48	50	41	54	64	27	39	43	57
6		Poland	47	53	56	42	32	43	0	42	23	47
6		Brazil	47	48	53	35	42	46	30	50	22	47
8		Netherlands	46	52	51	55	33	45	0	39	21	42
8		Belgium	46	52	50	58	31	42	0	39	28	52
8		South Korea	46	47	46	51	46	53	28	41	35	43
1		Denmark	44	47	44	56	29	40	0	45	32	51
1		Egypt	44	45	49	36	45	45	45	38	27	42
3		Romania	43	46	49	38	32	44	0	43	38	43
3		Norway	43	47	48	45	22	30	0	44	30	48
5		Mexico	42	43	43	41	45	46	39	38	54	38
5		New Zealand	42	47	51	36	24	32	0	34	51	45
7		Turkey	41	43	46	35	39	43	29	36	43	43
7		South Africa	41	43	46	35	38	35	46	35	32	43
9		Finland	39	41	43	36	20	27	0	50	24	40
9	(28)	Austria <sup>4</sup>	39	36	45	0	40	54	0	48	34	51





## **GLOBAL PLATFORM**ON CLIMATE CHANGE, TRADE & SUSTAINABLE ENERGY

#### Trade: top importers of CFGs

Excluding intra-E	U trade		Including in	
Importer	Value	Importer	Value	
All-EUN	248.7	All	329.5	
EU27	49.4	(EU27)	(130.2)	
United States	41.1	United States	41.1	
China	28.2	Germany	30.8	
Hong Kong, China	11.3	China	28.2	
Korea, Rep.	11.1	Spain	15.6	
Japan	10.5	France	11.6	
Canada	8.2	Hong Kong, China	11.3	
Mexico	6.8	Korea, Rep.	11.1	
Taiwan, China	6.5	Italy	10.6	
Russian Federation	6.3	Japan	10.5	

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To be continued..
Barriers and opportunities for dissemination of environmental technologies in APEC

