

State of Play

Green Growth Initiatives in the Baltic Sea Region

Riga 5 May 2011



What is green business and green growth?

“Green businesses are enterprises which consider **environmental** protection as an essential component of their long-term **business** objectives, both by promoting **eco-efficient production** activities and by marketing **sustainable products and services**” (UN Green Growth Capacity Dev. Programme).

“Green growth is about maximising **economic growth** and development while **avoiding unsustainable** pressure on the quality and quantity of natural assets. It is also about harnessing the growth potential that arises from transiting towards a green economy” (OECD Green Growth Strategy).

“Green growth is the means by which the current economy can make the **transition to a sustainable economy** while reducing pollution and greenhouse gas emissions, minimising waste and inefficient use of natural resources, maintaining biodiversity, and strengthening **energy security**” (Wikiprogress.org).

The objectives of the conference paper



- Provide an overview of on-going Green Growth initiatives in BSR
- To stimulate discussion on realising synergies in efforts
- Inspire to identify new areas of value added BSR cooperation

- Pr **The 31 initiatives presented provide only examples of green growth efforts at different level of cooperation, and of different types of activities and instruments:**
- To
- Ins => **non-exhaustive overview**

Activities at all levels of cooperation

Global	Transnational	National	Local/Regional
UN - UNEP and COP	Europe 2020	Denmark - Energy Strategy; Strategy for green growth; Policies for green transport and green business; and Danish Commission on Climate Change Policy	Oslo Renewable Energy and Environment Cluster
OECD - Green Growth Strategy	<u>Interreg</u> Programmes		Finnish <u>Cleantech</u> Cluster
WWF - Climate Solver	The European Innovation Platform for Eco-innovation	Finland - National Climate and Energy Strategy. Programmes under <u>Tekes</u> ; <u>Sitra</u> ; and Competence Clusters	Eastern Germany - <u>cleantech hotbed</u>
Global <u>Cleantech</u> Cluster Association	The Environmental Technologies Action Plan (ETAP)		Eco4Life
	The Lead Market Initiative for Europe		The Stockholm Environmental Technology Centre
	EU Research <u>Frammework Prg.</u>	Germany - Federal level: National Sustainability Strategy; Energy and Climate Protection Programme; and the Renewable Energy Sources Act. - Regional policies	Copenhagen <u>Cleantech</u> Cluster
	Nordic Globalisation Forum		<u>Kalundborg</u> Industrial Symbiosis
	Nordic Energy Research		Sustainable Business Hub
	Nordic Innovation Centre	Sweden - 68 initiatives under " <u>Grön Drivkraft</u> " / Green Growth policy	Baltic Solar
	BSR business integration with Kaliningrad on energy efficiency		Estonian Wind Power Cluster
	Nordic Investment Bank	Russia - Federal level "Law on energy saving and increasing the energy efficiency" as part of Climate Doctrine - Regional polices that goes further (Kaliningrad)	
	<u>Cleantech</u> Scandinavia		

A number of types of activities

"Policy-driven"	Cooperative / project based	"Business-driven"	Financing
UN - UNEP and COP	<u>Interreg</u> Programmes	Global <u>Cleantech</u> Cluster Association	Nordic Investment Bank
OECD - Green Growth Strategy	The European Innovation Platform for Eco-innovation	Oslo Renewable Energy and Environment Cluster	<u>Cleantech</u> Scandinavia
Europe 2020	EU Research <u>Frammework Prg.</u>	Finnish <u>Cleantech</u> Cluster	(includes also for example Nordic Environment Finance <u>Cooperation</u> and European Investment Bank – as well as numerous local/regional business incubation VC schemes)
The Environmental Technologies Action Plan (ETAP)	Nordic Energy Research	Copenhagen <u>Cleantech</u> Cluster	
The Lead Market Initiative for Europe	Nordic Innovation Centre	<u>Kalundborg</u> Industrial Symbiosis	
Nordic Globalisation Forum	BSR business integration with Kaliningrad on energy efficiency	Sustainable Business Hub	
National and regional policies	The Stockholm Environmental Technology Centre	Baltic Solar	
	Eco4Life	Estonian Wind Power	
		Eastern Germany – <u>cleantech</u> hotbed Cluster	
		WWF - Climate Solver	

And a number of instruments

Technology development	Demonstration/application	Trade and investments	Pooling Competence – Clustering
EU Research <u>Frammework Prg.</u>	BSR business integration with Kaliningrad on energy efficiency	The Lead Market Initiative for Europe	Oslo Renewable Energy and Environment Cluster
Nordic Energy Research	Nordic Innovation Centre	OECD - Green Growth Strategy	Finnish <u>Cleantech</u> Cluster
The Stockholm Environmental Technology Centre	WWF - Climate Solver	<u>Cleantech</u> Scandinavia	Copenhagen <u>Cleantech</u> Cluster
The Environmental Technologies Action Plan (ETAP)	UN - UNEP	(includes also regional and national export promotion and inward investment schemes – as well as finance institutions and schemes)	<u>Kalundborg</u> Industrial Symbiosis
	<u>Interreg</u> Programmes		Sustainable Business Hub
	The European Innovation Platform for Eco-innovation		Baltic Solar
	Nordic Investment Bank		Estonian Wind Power
	Eastern Germany – <u>cleantech</u> hotbed		Eco4Life
			Global <u>Cleantech</u> Cluster Association

Cross-cutting: COP, Europe 2020, Nordic Globalisation Forum, National and regional policies

Implications ?

With +20 speaker presentations for the conference to synthesize (!)

Some questions arising:

Policy and instruments

- Are peer green growth policy practices utilized – if not, could they?

Specialization and competitiveness

- Are there opportunities for greater/smarter cleantech specialisation?

Trading more within BSR

- Could a strong Green BSR slow/reverse out-sourcing/offshoring?

Finance

- Opportunities for matching better ideas and capital at the BSR-Level?

Thank you

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