

Session **Financing the implementation of the HELCOM Baltic Sea Action Plan**

Presentation: **Spending under the EU Structural Funds in the Baltic Sea Region**

Submitted by: **Mr. Alain Roggeri; European Commission, DG Regional Policy**

Attached are the Annexes to the presentation.

Types of actions and financial allocations planned under the Convergence and Competitiveness operational programmes 2007-2013 (European Regional Development Fund and Cohesion Fund) that may be modified for implementing Baltic Sea Action Plan

The Helcom Baltic Sea Action Plan sets out five main priorities for action, i.e. eutrophication, hazardous substances, maritime activities, biodiversity and nature conservation, development of tools and methodologies and awareness raising. Almost all ERDF and Cohesion Fund regional operational programmes in the Baltic Sea Region Member States tackle these issues either directly or indirectly.

In total, direct assistance to Environmental policies in the framework of the Convergence and Competitiveness programmes supported through the European Regional Development and Cohesion Funds amount to **2801 million euros** in the Baltic Sea Region countries (Estonia, Finland, Denmark, Latvia, Lithuania and Sweden in whole, Mecklenburg-Vorpommern and Schleswig-Holstein, Hamburg regions in Germany and Pomorskie, Warmińsko-Mazurskie and Zachodniopomorskie regions in Poland)¹.

1990 million euros or 71% of the total amount of direct investments target development of water and waste treatment infrastructure in Estonia, Latvia, Lithuania, Poland and the Mecklenburg-Vorpommern region in Germany. These activities tackle eutrophication and improve biodiversity and promote nature conservation.

229 million euros target rehabilitation of industrial sites and contaminated land.

140 million euros are allocated to promote biodiversity and nature protection (including Natura 2000).

Denmark, Finland, Sweden and Schleswig-Holstein and Hamburg regions in Germany mostly invest in indirect environmental issues, such as renewable energy, clean transport, and promotion of natural assets. The total amount of these indirect environmental investments is **3487 million euros**. For more details see annexed tables.

The different priority axes through which these activities will be financed are:

¹ According to the definition of the Baltic Development Forum

REDUCTION OF NUTRIENT LOAD: EUTROPHICATION

Estonia

Development of the Living Environment programme

Priority axis 1: "Development of water and waste management infrastructure".

Latvia

Infrastructure and services

Priority axis 4: "Quality environment for life and economic activity". Sub priorities: "Environment".

Priority axis 5: "Promotion of environmental infrastructure and environmentally friendly energy ". Sub priority: "Infrastructure of environmental protection".

Lithuania

Promotion of Cohesion programme

Priority axis 3: "Environment and sustainable development" Sub priorities: "Renovation and development of water supply and waste water treatment systems" and " Creation of modern waste management system".

Poland

Pomorskie programme

Priority axis 5: "Environment and environment friendly energy" Sub priorities: "Waste management".

Priority axis 8: "Local basic infrastructure" Sub priorities: "Local environmental protection infrastructure".

Zachodniopomorskie programme

Priority 4: "Infrastructure of environmental protection".

Regional Warmia and Mazury programme

Priority 6: "Natural environment".

Infrastructure and Environment Programme

Priority axis 1: "Water and sewage management".

Priority axis 2: "Waste management and the protection of earth".

Priority axis 4: "Initiatives aimed at adjusting enterprises to the requirements of environmental protection".

Finland

Eastern Finland programme

Priority axis 3: "Improvement of the accessibility of areas and the operating environment"

Sub priority: "Attractive business environment" (environmental projects funded by the programme should be linked to industry, to improve business operating conditions, such as water supply projects for tourism centres and industrial estates).

Western Finland programme

Priority axis 3: "Improvement of the accessibility of areas and the operating environment".

BIODIVERSITY AND NATURE CONSERVATION

- Develop and implement management measures for fisheries

Estonia

Development of the Living Environment programme

Priority axis 1: "Development of water and waste management infrastructure. Sub priority – Development of water management".

Priority axis 2: "Development of infrastructure and support systems for sustainable use of the environment" Sub priority: "Maintenance of biological diversity and Improvement of preparedness for environmental emergencies".

Latvia

Infrastructure and services programme

Priority axis 4: "Quality environment for life and economic activity". Sub priority – "Environment".

Finland

Southern Finland programme

Priority axis 3: "Improvement of the accessibility of areas and the operating environment". Sub priority: "Environmental risk management and improvement of tourism operational conditions".

- Conservation of stock – restoration of spawning sites and migration routes

Estonia

Development of the Living Environment programme

Priority axis 1: "Development of water and waste management infrastructure".

Latvia

Infrastructure and services programme

Priority axis 4: "Quality environment for life and economic activity". Sub priority: "Environment".

Lithuania

Promotion of Cohesion programme

Priority axis 3: "Environment and sustainable development". Sub priorities: "Renovation and development of water supply and waste water treatment systems" and " Creation of modern waste management system".

Poland

Zachodniopomorskie programme

Priority 4: "Infrastructure of environmental protection".

Finland

Western Finland programme

Priority axis 3: "Improvement of the accessibility of areas and the operating environment".

Southern Finland programme

Priority axis 3: "Improvement of the accessibility of areas and the operating environment". Sub priority: "Environmental risk management and improvement of tourism operational conditions".

MARITIME ACTIVITIES SEGMENT

Estonia

Development of the Living Environment programme

Priority axis 2: "Development of infrastructure and support systems for sustainable use of the environment" Sub priority: "Improvement of preparedness for environmental emergencies".

Poland

Infrastructure and Environment programme

Priority axis 7: "Environment-friendly transport".

Finland

Southern Finland programme

Priority axis 3: "Improvement of the accessibility of areas and the operating environment". Sub priority: "Environmental risk management and improvement of tourism operational conditions".

DEVELOPMENT OF ASSESSMENT TOOLS AND METHODOLOGIES

Estonia

Development of the Living Environment programme

Priority axis 2: "Development of infrastructure and support systems for sustainable use of the environment" Sub priority: "Development of environmental monitoring".

Latvia

Infrastructure and services programme

Priority axis 4: "Quality environment for life and economic activity". Sub priority : "Environment".

Poland

Infrastructure and Environment programme

Priority axis 3: "Resource management and counteracting environmental risks".

Priority axis 5: "Environment protection and the promotion of ecological habits".

Zachodniopomorskie regional programme

Priority 4: "Infrastructure of environmental protection".

Finland

Northern Finland programme

Priority axis 3: "Improvement of the accessibility of areas and the operating environment". Sub priority: "Control of environmental risks and promoting the use of renewable energy" (preventing environmental risks and developing plans and measures for solving them).

Southern Finland programme

Priority axis 3: "Improvement of the accessibility of areas and the operating environment" Sub priority: "Environmental risk management and improvement of tourism operational conditions".

AWARENESS RAISING AND CAPACITY BUILDING

Estonia

Development of the Living Environment programme

Priority axis 2: "Development of infrastructure and support systems for sustainable use of the environment". Sub priorities: "Development of environmental educational infrastructure" and "Development of environmental supervision".

Latvia

Infrastructure and services programme

Priority axis 4: "Quality environment for life and economic activity". Sub priority: "Environment".

Poland

Pomorskie programme

Priority axis 5: "Environment and environment friendly energy" Sub priorities: "Waste management" and "Environmental information management".

Infrastructure and Environment programme

Priority axis 3: "Resource management and counteracting environmental risks".

Priority axis 5: "Environment protection and the promotion of ecological habits".

Finland

Southern Finland programme

Priority axis 4: "Major regions – thematic targeting of measures".

Annex B

Breakdown of the allocations available to the BSR countries in the framework of "Convergence" and Competitiveness objectives, in € million

Environment

Direct environmental investments

44	Management of household and industrial waste	531
45	Management and distribution of water (drink water)	929
46	Water treatment (waste water)	540
47	Air quality	191
48	Integrated prevention and pollution control	2
49	Mitigation and adaptation to climate change	2
50	Rehabilitation of industrial sites and contaminated land	229
51	Promotion of biodiversity and nature protection (including Natura 2000)	139
52	Promotion of clean urban transport	59
53	Risk prevention (including the drafting and implementation of plans and measures to prevent and manage natural and technological risks)	90
54	Other measures to preserve the environment and prevent risks	89

2801

Indirect environmental investments through clean transport

16	Railways	291
17	Railways (TEN-T)	794
18	Mobile rail assets	40
19	Mobile rail assets (TEN-T)	30
24	Cycle tracks	63
25	Urban transport	420
26	Multimodal transport	79
27	Multimodal transport (TEN-T)	64
28	Intelligent transport systems	50
31	Inland waterways (regional and local)	15
32	Inland waterways (TEN-T)	15

1860

Other indirect environmental investments

06	Assistance to SMEs for the promotion of environmentally-friendly products and production processes (...)	139
39	Renewable energy: wind	37
40	Renewable energy: solar	30
41	Renewable energy: biomass	120
42	Renewable energy: hydroelectric, geothermal and other	67
43	Energy efficiency, co-generation, energy management	521
55	Promotion of natural assets	122
56	Protection and development of natural heritage	120
61	Integrated projects for urban and rural regeneration	997

2153

Annex C

Financial allocations planned under the Convergence and Competitiveness operational programmes (European Regional Development Fund and Cohesion Fund) which may be mobilised for implementing Baltic Sea Action Plan, in € million

Denmark

Direct environmental investments

44	Management of household and industrial waste	
45	Management and distribution of water (drink water)	
46	Water treatment (waste water)	
47	Air quality	
48	Integrated prevention and pollution control	
49	Mitigation and adaptation to climate change	
50	Rehabilitation of industrial sites and contaminated land	
51	Promotion of biodiversity and nature protection (including Natura 2000)	
52	Promotion of clean urban transport	
53	Risk prevention (including the drafting and implementation of plans and measures to prevent and manage natural and technological risks)	
54	Other measures to preserve the environment and prevent risks	

0

Indirect environmental investments through clean transport

16	Railways	
17	Railways (TEN-T)	
18	Mobile rail assets	
19	Mobile rail assets (TEN-T)	
24	Cycle tracks	
25	Urban transport	
26	Multimodal transport	
27	Multimodal transport (TEN-T)	
28	Intelligent transport systems	
31	Inland waterways (regional and local)	
32	Inland waterways (TEN-T)	

0

Other indirect environmental investments

06	Assistance to SMEs for the promotion of environmentally friendly products and production processes (...)	26
39	Renewable energy: wind	
40	Renewable energy: solar	
41	Renewable energy: biomass	
42	Renewable energy: hydroelectric, geothermal and other	
43	Energy efficiency, co generation, energy management	
55	Promotion of natural assets	6
56	Protection and development of natural heritage	6
61	Integrated projects for urban and rural regeneration	

38

Estonia

Direct environmental investments

44	Management of household and industrial waste	70
45	Management and distribution of water (drink water)	204
46	Water treatment (waste water)	204
47	Air quality	14
48	Integrated prevention and pollution control	
49	Mitigation and adaptation to climate change	
50	Rehabilitation of industrial sites and contaminated land	138
51	Promotion of biodiversity and nature protection (including Natura 2000)	22
52	Promotion of clean urban transport	
53	Risk prevention (including the drafting and implementation of plans and measures to prevent and manage natural and technological risks)	38
54	Other measures to preserve the environment and prevent risks	67

757

Indirect environmental investments through clean transport

16	Railways	22
17	Railways (TEN-T)	133
18	Mobile rail assets	
19	Mobile rail assets (TEN-T)	30
24	Cycle tracks	
25	Urban transport	152
26	Multimodal transport	
27	Multimodal transport (TEN-T)	
28	Intelligent transport systems	3
31	Inland waterways (regional and local)	
32	Inland waterways (TEN-T)	7

347

Other indirect environmental investments

06	Assistance to SMEs for the promotion of environmentally friendly products and production processes (...)	9
39	Renewable energy: wind	7
40	Renewable energy: solar	
41	Renewable energy: biomass	3
42	Renewable energy: hydroelectric, geothermal and other	
43	Energy efficiency, co generation, energy management	63
55	Promotion of natural assets	12
56	Protection and development of natural heritage	12
61	Integrated projects for urban and rural regeneration	15

121

Germany

Direct environmental investments

44	Management of household and industrial waste	
45	Management and distribution of water (drink water)	
46	Water treatment (waste water)	20
47	Air quality	
48	Integrated prevention and pollution control	
49	Mitigation and adaptation to climate change	1
50	Rehabilitation of industrial sites and contaminated land	25
51	Promotion of biodiversity and nature protection (including Natura 2000)	1
52	Promotion of clean urban transport	3
53	Risk prevention (including the drafting and implementation of plans and measures to prevent and manage natural and technological risks)	
54	Other measures to preserve the environment and prevent risks	4

54

Indirect environmental investments through clean transport

16	Railways	2
17	Railways (TEN-T)	
18	Mobile rail assets	
19	Mobile rail assets (TEN-T)	
24	Cycle tracks	48
25	Urban transport	
26	Multimodal transport	4
27	Multimodal transport (TEN-T)	
28	Intelligent transport systems	
31	Inland waterways (regional and local)	
32	Inland waterways (TEN-T)	2

56

Other indirect environmental investments

06	Assistance to SMEs for the promotion of environmentally friendly products and production processes (...)	3
39	Renewable energy: wind	
40	Renewable energy: solar	9
41	Renewable energy: biomass	5
42	Renewable energy: hydroelectric, geothermal and other	6
43	Energy efficiency, co generation, energy management	6
55	Promotion of natural assets	2
56	Protection and development of natural heritage	
61	Integrated projects for urban and rural regeneration	39

70

Latvia

Direct environmental investments

44	Management of household and industrial waste	130
45	Management and distribution of water (drink water)	563
46	Water treatment (waste water)	
47	Air quality	
48	Integrated prevention and pollution control	
49	Mitigation and adaptation to climate change	
50	Rehabilitation of industrial sites and contaminated land	49
51	Promotion of biodiversity and nature protection (including Natura 2000)	26
52	Promotion of clean urban transport	
53	Risk prevention (including the drafting and implementation of plans and measures to prevent and manage natural and technological risks)	25
54	Other measures to preserve the environment and prevent risks	

793

Indirect environmental investments through clean transport

16	Railways	141
17	Railways (TEN-T)	115
18	Mobile rail assets	
19	Mobile rail assets (TEN-T)	
24	Cycle tracks	
25	Urban transport	139
26	Multimodal transport	
27	Multimodal transport (TEN-T)	
28	Intelligent transport systems	1
31	Inland waterways (regional and local)	
32	Inland waterways (TEN-T)	

396

Other indirect environmental investments

06	Assistance to SMEs for the promotion of environmentally friendly products and production processes (...)	
39	Renewable energy: wind	10
40	Renewable energy: solar	
41	Renewable energy: biomass	25
42	Renewable energy: hydroelectric, geothermal and other	32
43	Energy efficiency, co generation, energy management	60
55	Promotion of natural assets	
56	Protection and development of natural heritage	
61	Integrated projects for urban and rural regeneration	263

390

Lithuania

Direct environmental investments

44	Management of household and industrial waste	279
45	Management and distribution of water (drink water)	137
46	Water treatment (waste water)	206
47	Air quality	171
48	Integrated prevention and pollution control	
49	Mitigation and adaptation to climate change	
50	Rehabilitation of industrial sites and contaminated land	15
51	Promotion of biodiversity and nature protection (including Natura 2000)	87
52	Promotion of clean urban transport	41

936

Indirect environmental investments through clean transport

16	Railways	23
17	Railways (TEN-T)	535
18	Mobile rail assets	8
19	Mobile rail assets (TEN-T)	
24	Cycle tracks	
25	Urban transport	74
26	Multimodal transport	
27	Multimodal transport (TEN-T)	64
28	Intelligent transport systems	
31	Inland waterways (regional and local)	
32	Inland waterways (TEN-T)	6

710

Other indirect environmental investments

06	Assistance to SMEs for the promotion of environmentally friendly products and production processes (...)	
39	Renewable energy: wind	
40	Renewable energy: solar	
41	Renewable energy: biomass	37
42	Renewable energy: hydroelectric, geothermal and other	
43	Energy efficiency, co generation, energy management	330
55	Promotion of natural assets	79
56	Protection and development of natural heritage	79
61	Integrated projects for urban and rural regeneration	252

777

Poland

Direct environmental investments

44	Management of household and industrial waste	52
45	Management and distribution of water (drink water)	21
46	Water treatment (waste water)	103
47	Air quality	6
48	Integrated prevention and pollution control	2
49	Mitigation and adaptation to climate change	
50	Rehabilitation of industrial sites and contaminated land	

51	Promotion of biodiversity and nature protection (including Natura 2000)	2
52	Promotion of clean urban transport	
53	Risk prevention (including the drafting and implementation of plans and measures to prevent and manage natural and technological risks)	23
54	Other measures to preserve the environment and prevent risks	4

214

Indirect environmental investments through clean transport

16	Railways	93
17	Railways (TEN-T)	
18	Mobile rail assets	31
19	Mobile rail assets (TEN-T)	
24	Cycle tracks	14
25	Urban transport	51
26	Multimodal transport	49
27	Multimodal transport (TEN-T)	
28	Intelligent transport systems	31
31	Inland waterways (regional and local)	15
32	Inland waterways (TEN-T)	

283

Other indirect environmental investments

06	Assistance to SMEs for the promotion of environmentally friendly products and production processes (...)	30
39	Renewable energy: wind	7
40	Renewable energy: solar	9
41	Renewable energy: biomass	19
42	Renewable energy: hydroelectric, geothermal and other	11
43	Energy efficiency, co generation, energy management	28
55	Promotion of natural assets	12
56	Protection and development of natural heritage	3
61	Integrated projects for urban and rural regeneration	149

268

Finland

Direct environmental investments

44	Management of household and industrial waste	
45	Management and distribution of water (drink water)	3
46	Water treatment (waste water)	6
47	Air quality	
48	Integrated prevention and pollution control	
49	Mitigation and adaptation to climate change	1
50	Rehabilitation of industrial sites and contaminated land	2
51	Promotion of biodiversity and nature protection (including Natura 2000)	2
52	Promotion of clean urban transport	2
53	Risk prevention (including the drafting and implementation of plans and measures to prevent and manage natural and technological risks)	4
54	Other measures to preserve the environment and prevent risks	14

34

Indirect environmental investments through clean transport

16	Railways	
17	Railways (TEN-T)	10
18	Mobile rail assets	
19	Mobile rail assets (TEN-T)	
24	Cycle tracks	
25	Urban transport	
26	Multimodal transport	12
27	Multimodal transport (TEN-T)	
28	Intelligent transport systems	
31	Inland waterways (regional and local)	
32	Inland waterways (TEN-T)	

22**Other indirect environmental investments**

06	Assistance to SMEs for the promotion of environmentally friendly products and production processes (...)	39
39	Renewable energy: wind	1
40	Renewable energy: solar	1
41	Renewable energy: biomass	13
42	Renewable energy: hydroelectric, geothermal and other	6
43	Energy efficiency, co generation, energy management	24
55	Promotion of natural assets	3
56	Protection and development of natural heritage	12
61	Integrated projects for urban and rural regeneration	2

101**Sweden****Direct environmental investments**

44	Management of household and industrial waste	
45	Management and distribution of water (drink water)	
46	Water treatment (waste water)	
47	Air quality	
48	Integrated prevention and pollution control	
49	Mitigation and adaptation to climate change	
50	Rehabilitation of industrial sites and contaminated land	
51	Promotion of biodiversity and nature protection (including Natura 2000)	
52	Promotion of clean urban transport	14
53	Risk prevention (including the drafting and implementation of plans and measures to prevent and manage natural and technological risks)	
54	Other measures to preserve the environment and prevent risks	

14**Indirect environmental investments through clean transport**

16	Railways	11
17	Railways (TEN-T)	
18	Mobile rail assets	1
19	Mobile rail assets (TEN-T)	

24	Cycle tracks	
25	Urban transport	4
26	Multimodal transport	15
27	Multimodal transport (TEN-T)	
28	Intelligent transport systems	14
31	Inland waterways (regional and local)	
32	Inland waterways (TEN-T)	

45

Other indirect environmental investments

06	Assistance to SMEs for the promotion of environmentally friendly products and production processes (...)	33
39	Renewable energy: wind	12
40	Renewable energy: solar	11
41	Renewable energy: biomass	18
42	Renewable energy: hydroelectric, geothermal and other	11
43	Energy efficiency, co generation, energy management	10
55	Promotion of natural assets	9
56	Protection and development of natural heritage	7
61	Integrated projects for urban and rural regeneration	14

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Annex 2

Spending and programming under the Rural Development Policy, 2007-2013

DG AGRI / E.II.2 / MA / 30 January 2008

The table lists the relevant countries and the content in financial terms, relating to the environment and the countryside. All figures shown are the EU contribution from the EAFRD (European Agricultural Fund for Rural Development).

- Rural Development Programmes are implemented under shared management – an EU spending must be matched by a national co-financing. The design and implementation of the programmes are decentralised to Member State and sometimes even to regions.
- The programmes are to be implemented through three thematic axes and one horizontal, of which all are mandatory. The minimum co-financing/spending rate per axis is regulated and must be at least 20 % EU-funds.
- One axis - Axis II - is dedicated to improve the environment and the countryside. Each axis provides for a number of measures, such as Agri-Environmental Payments (AEP) under axis II. Member States often choose to create sub-measures under the foreseen measures.
- AEP is the only obligatory measure to implement. Most of the actions proposed² in the annex to the Baltic Sea Action Plan are typical sub-measures found within the frames of the RDPs, e.g. catch crops, plant cover in winter, organic production as well as establishing and managing wetlands and run-off waters. Many of these sub-measures would have a direct impact on the environmental status of the Baltic Sea since they aim at reducing the negative effects of agricultural activity on water quality (pesticide residuals, nitrogen and phosphorus leakage). However, the designating of AEP measures is governed by the Polluter Pay Principle.
- Member States do also have the opportunity to design measures and sub-measures under the other axes for purposes that would have positive effects on the environment and the Baltic Sea. Examples are investments in environmentally friendly production methods on the farm or by the processing industries, planting of crops for bio-energy purposes and in particular training. It is not possible to pinpoint the resources or the expected outcome of these ambitions.
- A characteristic of the RDPs is the large number of beneficiaries, involving individuals and small scale actors in rural areas.
- Most RDPs are already approved by the Commission or in the final stage of approval.

² It should be noted that some of the proposed actions in the BSAP are not accepted within the framework of the Rural Development Regulation such as liming and transportation of manure.

Annex 2

Spending and programming under the Rural Development Policy, 2007-2013

EU-funding of the Rural Development Programmes 2007-2013 of the Member States or Regions in the Baltic Sea region:

MEMBER STATE / REGION	EAFRD total 2007 – 2013 meuro	EU Co-financing rate	Of which Axis II meuro	Co-financing rate	Axis II spending rate of total	Of which AEP meuro
ESTONIA	716	77%	267	80%	37%	169
LATVIA	1 041	76%	292	80%	28%	128
LITHUANIA	1 743	77%	660	80%	38%	292
POLEN	13 230	77%	4 437	80%	34%	1 843
GERMANY Mecklenburg-Vorpommern	882	77%	220	80%	25%	163
GERMANY Schleswig-Holstein	238	52%	73	55%	31%	59
DENMARK	445	54%	282	55%	63%	205
SWEDEN	1 826	47%	1 261	47%	69%	983
FINLAND Mainland	2 062	31%	1 513	28%	73%	650
FINLAND Åland islands	17	31%	12	27%	67%	7