

Annexes

A) Relevant adaptation projects for some sectors

Key findings

From the 237 EU-funded projects collected, 186 projects do address (cross-sectoral) one or more of the main key themes “climate change impacts” and “adaptation to climate change”. Most of the research projects are focusing on climate change impacts. In this context the water sector and the biodiversity sector are covered mostly. Medium research activities can be found for the sectors: agriculture, forestry, coastal areas and urban areas. Little research on climate change impacts exists for sectors such as fishery, energy, industry and health. A similar picture can be drawn for research on adaptation to climate change. Not all of the research project which addresses the issue of adaptation will provide concrete adaptation measures as an output of the work.

When looking at the vulnerability criteria outlined in the BALTADAPT report # 7, it becomes clear that questions on costs (adaptation and damage costs) are not well researched. Only a few projects are addressing the issue at all. The situation is similar for social issues. Little research has been carried out so far and some sectors such as agriculture, forestry, fisheries do not cover social issues at all.

Please note: *The four sectors especially analysed by BALTADAPT are marked in bold.* The compilation of research projects is the result of internet research carried out between May 2012 and March 2013. Research in the field of climate change is highly dynamic and thus this overview on research projects is not exhaustive. Question marks in the table relate to some uncertainty in the judgement.

Themes	Climate scenarios	Climate impacts	Adaptation to climate change	Damage costs	Adaptation costs	Social issues	Adaptation Measures	Decision support/ Guidance
Soils and land use	- SUDPLAN? - ESPON climate	- CLISP - SEAREG - SUDPLAN - ESPON climate	- ESPACE (I and II) - CLISP - C-Change - SUDPLAN	- SEAREG? - ESPON climate?	- C-Change?	- C-Change - SEAREG - SUDPLAN - ESPON climate	- ESPACE (I and II) - ESPON climate	- SEAREG? - SUDPLAN

Agriculture	- ADAGIO	- ADAGIO - ACCREte - AGRISAFE - CLIVAGRI - GLOBALCHANGEBIOLOGY - VEG-i-TRADE - CARAVAN	- ADAGIO - Aquarius - ClimaFruit - AGRISAFE - VEG-i-TRADE - CARAVAN	- AGRISAFE?	- Aquarius?		- ADAGIO - Aquarius - ClimaFruit - AGRISAFE	- CLIVAGRI - GLOBALCHANGEBIOLOGY - CARAVAN
Forestry		- BACCARA - MANFRED - ForeStClim - ILAND - ISEFOR - PYRTREELINEMOD - TRANZFOR - TRECC - FUTUREforest - MOTIVE	- ALP FFIRS - MANFRED - REINFFORCE - ECHOE - ILAND - NOVELTREE - TRANZFOR - FUTUREforest - MOTIVE	- BACCARA? - ForeStClim?	- NOVELTREE?		- ALP FFIRS - REINFFORCE - NOVELTREE - TRANZFOR	- MANFRED - ForeStClim - ECHOES - ILAND - ISEFOR - FUTUREforest - MOTIVE

Themes	Climate scenarios	Climate impacts	Adaptation to climate change	Damage costs	Adaptation costs	Social issues	Adaptation Measures	Decision support/ Guidance
Biodiversity	<ul style="list-style-type: none"> - HABIT-CHANGE? - ECOSPACE? - EMMA? 	<ul style="list-style-type: none"> - ATEAM - MACIS - HABIT-CHANGE - AIM-HI - INCREASE - ALIENFISH&CLIMCHANGE - ALPINEFRAGMENTATION - AVIAN FLIGHT - BALTIC SEALS HISTORY - BIOTIME - CHAOS - CLIMBIOHOTSPOTS - CORALCHANGE - ECOSPACE - EMMA - GEDA - LRSB - MAREA - RECLAIM - THE WEAKEST LINKS 	<ul style="list-style-type: none"> - BRANCH - MACIS - HABIT-CHANGE - Biochar - BIOTIME - CORALCHANGE - ECOSPACE - EMMA - GEDA - MAREA - THE WEAKEST LINKS 	<ul style="list-style-type: none"> - RECLAIM? 	<ul style="list-style-type: none"> - ECOSPACE? 	<ul style="list-style-type: none"> - ECOSPACE 	<ul style="list-style-type: none"> - BRANCH - MACIS - HABIT-CHANGE - ECOSPACE - GEDA 	<ul style="list-style-type: none"> - ATEAM - BRANCH - HABIT-CHANGE - Biochar - ALPINEFRAGMENTATION - BIOTIME - CHAOS - EMMA
Fisheries and Aquaculture		<ul style="list-style-type: none"> - MERSEA - ATP 	<ul style="list-style-type: none"> - MERSEA - MESMA - BALANCE 	<ul style="list-style-type: none"> - ATP 			<ul style="list-style-type: none"> - MERSEA 	<ul style="list-style-type: none"> - MESMA - BALANCE

Themes	Climate scenarios	Climate impacts	Adaptation to climate change	Damage costs	Adaptation costs	Social issues	Adaptation Measures	Decision support/ Guidance
Water management: water safety, scarcity and droughts	<ul style="list-style-type: none"> - CLIME? - AMICE - DINAS-COAST - BaltSeaPlan 	<ul style="list-style-type: none"> - CLIWAT - DMCSEE - DiPol - CLIME - NeWater - SCENES - WATCH - CLIMATEWATER - WATERWORLDS - IMVUL - ACQWA - Euro-limpacs - SILMAS - CC-WaterS - NO REGRET - ATP - CLAMER - CLIMB - EPOCA - HERMIONE - GENESIS - BASIN - PARAWARM - REFRESH - URBANFLOOD - VIROCLIME - WASSERMed - THOR? - CARBOCHANGE - MedSeA - DINAS-COAST - HERMES - ORFOIS 	<ul style="list-style-type: none"> - PREPARED - ALFA - CLIWAT? - FloodResilienCity - MARE - WATER CoRe - AlpWaterScarce - CLIME - NeWater - SCENES - CLIMATEWATER - WATERWORLDS - ACQWA - Euro-limpacs - LABEL - EULAKES - INARMA - SAWA - AMICE - WAVE - CC-WaterS - FLOWS - FRaME - NO REGRET - CORFU - HERMIONE - REFRESH - URBANFLOOD - SIGMA for Water - SHARP - MESMA - DINAS-COAST - EMWIS 	<ul style="list-style-type: none"> - PREPARED? - ALFA? - WATER CoRe? - CLIME? - SCENES? - ACQWA - INARMA - SAWA - AMICE - CC-WaterS - FLOWS? - CLAMER? - CORFU? - WASSERMed - MedSeA? - DINAS-COAST? - ORFOIS? 	<ul style="list-style-type: none"> - PREPARED - ALFA? - WATER CoRe? - SCENES? - ACQWA - INARMA - SAWA - AMICE? - CC-WaterS - FLOWS - FRaME - CORFU - REFRESH 	<ul style="list-style-type: none"> - PREPARED - ALFA - WATER CoRe - CLIME - NeWater - SCENES - WATCH? - WATERWORLDS - ACQWA - INARMA - AMICE - CC-WaterS - FLOWS - FRaME - CLAMER - CORFU - MedSeA - DINAS-COAST - ORFOIS 	<ul style="list-style-type: none"> - PREPARED - ALFA - MARE - WATER CoRe - AlpWaterScarce - CLIME - NeWater - CLIMATEWATER - WATERWORLDS - ACQWA - Euro-limpacs - LABEL - INARMA - SAWA - AMICE - WAVE - CC-WaterS - FLOWS - FRaME - NO REGRET - CORFU - REFRESH - DINAS-COAST 	<ul style="list-style-type: none"> - CLIWAT - DMCSEE - DiPol - FloodResilienCity - AlpWaterScarce - CLIME - SCENES - WATCH - Euro-limpacs - EULAKES - SILMAS - FLOWS - CLIMB - HERMIONE - GENESIS - URBANFLOOD - SIGMA for Water - SHARP - MESMA - EMWIS - HERMES - BaltSeaPlan - WATERPRAXIS - SPICOSA

		- SESAME IP	- BaltSeaPlan - WATERPRAXIS - SPICOSA					
Themes	Climate scenarios	Climate impacts	Adaptation to climate change	Damage costs	Adaptation costs	Social issues	Adaptation Measures	Decision support/ Guidance
Energy			- BTN - AEOLUS		- AEOLUS?		- BTN - AEOLUS	
Infrastructure and transport	- ECCONET - EWENT	- ECCONET - EWENT - EXTREME SEAS	- QUANTIFY? - MoCuBa - ECCONET - EWENT - WF - EXTREME SEAS	- ECCONET - EWENT	- ECCONET - EWENT		- QUANTIFY? - MoCuBa - ECCONET - EWENT - EXTREME SEAS	- WF
Industry and Services, including Tourism		- ClimAlpTour - CCII	- ClimAlpTour - CCII	- CCII		- CCII	- ClimAlpTour	- CCII
Health		- CCASHh - EDEN - ARCRISK - CLEAR - ICEPURE	- CCASHh - ARCRISK	- CCASHh	- CCASHh	- CCASHh - CLEAR	- CCASHh - ARCRISK	- EDEN

Themes	Climate scenarios	Climate impacts	Adaptation to climate change	Damage costs	Adaptation costs	Social issues	Adaptation Measures	Decision support/ Guidance
Coastal areas		<ul style="list-style-type: none"> - ASTRA - ATLANTOX - IMCORE - CoastAdapt - Ice2sea - THESEUS - Coastal Sustainability as a Challenge 	<ul style="list-style-type: none"> - COASTANCE - ASTRA - Safecoast - BLAST - IMCORE - CoastAdapt - ESCAPE - THESEUS 	<ul style="list-style-type: none"> - CoastAdapt - THESEUS 		<ul style="list-style-type: none"> - CoastAdapt - THESEUS 	<ul style="list-style-type: none"> - COASTANCE - ASTRA - Safecoast - BLAST - IMCORE - ESCAPE - THESEUS 	<ul style="list-style-type: none"> - ATLANTOX - IMCORE - Ice2sea - THESEUS
Urban areas, buildings and telecom	- SUDPLAN?	<ul style="list-style-type: none"> - GRaBS - NOAH'S ARK - SUDPLAN - URBANFLOOD 	<ul style="list-style-type: none"> - GRaBS - NOAH'S ARK - PREPARED - FloodResilienCity - Future Cities - CAT-Med - MoCuBa - CORFU - SUDPLAN - URBANFLOOD 	<ul style="list-style-type: none"> - GRaBS - NOAH'S ARK? - PREPARED? - Future Cities? - CAT-Med? - CORFU? 	<ul style="list-style-type: none"> - NOAH'S ARK? - PREPARED - Future Cities? - CAT-Med? - CORFU 	<ul style="list-style-type: none"> - PREPARED - CAT-Med - CORFU - SUDPLAN 	<ul style="list-style-type: none"> - NOAH'S ARK - PREPARED - Future Cities - CAT-Med - MoCuBa - CORFU 	<ul style="list-style-type: none"> - GRaBS - NOAH'S ARK - FloodResilienCity - SUDPLAN - URBANFLOOD

Themes	Climate scenarios	Climate impacts	Adaptation to climate change	Damage costs	Adaptation costs	Social issues	Adaptation Measures	Decision support/ Guidance
Cross cutting	<ul style="list-style-type: none"> - ADAM - BaltCICA - ClimChAlp - DAMOCLES - ENSEMBLES - MICRODIS - PESETA - CLIMATECOST - CECILIA - Clim-ATIC - Clavier - PRUDENCE - CLARIS LPB - WCC 3 	<ul style="list-style-type: none"> - CLIMSAVE - BaltCICA - BalticClimate - CPA - CIRCE - CIRCLE(2) - ClimChAlp - DAMOCLES - ACCELERATES - ENSEMBLES - MERSEA - MICRODIS - PESETA - MEECE - CLIMATECOST - CCTAME - ENSURE - CECILIA - PermaNET - Clim-ATIC - Clavier - GLOCHAMORE - PRUDENCE - ENHANCE - ASIAN MONSOON - CCECON - CLARIS LPB - WCC 3 	<ul style="list-style-type: none"> - ADAM - AMICA - CLIMSAVE - BaltCICA - CPA - Future Cities - REGIOCLIMA - CIRCE - CIRCLE(2) - ClimChAlp - MERSEA - MICRODIS - CLIMATECOST - CCTAME - Mountain Trip - THARMIT - PermaNET - CAT-Med - Clim-ATIC - GLOCHAMORE - ENHANCE - SIC adapt! - CLARIS LPB - LOWTEV - RESPONSES - RSC 	<ul style="list-style-type: none"> - ADAM? - BaltCICA - Future Cities? - CIRCE - ClimChAlp - MICRODIS - PESETA - CLIMATECOST - CCTAME - CAT-Med? - Clavier - CCECON? - WCC 3? 	<ul style="list-style-type: none"> - ADAM? - BaltCICA - Future Cities? - CIRCE - ClimChAlp - CLIMATECOST - CCTAME - THARMIT - CAT-Med? - CCECON? 	<ul style="list-style-type: none"> - ADAM? - CIRCE - ClimChAlp - MICRODIS - PESETA - CLIMATECOST - THARMIT - CAT-Med - WCC 3 	<ul style="list-style-type: none"> - ADAM - AMICA - CLIMSAVE - BaltCICA - CPA - Future Cities - CIRCE - ClimChAlp - MERSEA - MICRODIS - CCTAME - THARMIT - CAT-Med - Clim-ATIC - SIC adapt! - CLARIS LPB - LOWTEV - RESPONSES 	<ul style="list-style-type: none"> - BalticClimate - REGIOCLIMA - CIRCLE(2) - MEECE - CLIMATECOST - Mountain Trip - PermaNET - GLOCHAMORE - PRUDENCE - ENHANCE - SIC adapt! - WCC 3 - RSC

B) EUSBSR Flagship projects (non exhaustive)

Only the flagship projects relevant to BALTADAPT are included, e.g priority areas related to CC impacts and adaptation in the BSR.

Priority Area	Flagship projects (existing, proposed)	Project coordinator (incl MS)
PA Nutri – Reducing nutrient inputs to the sea to acceptable levels		
	PRESTO	<i>Union of the Baltic Cities, Commission on Environment (Finland)</i>
	Putting best agricultural practices into work – the Baltic Deal	<i>Federation of Swedish Farmers and Latvian Rural Advisory and Training Centre</i>
	Assessment of regional nutrient pollution load and identification of priority projects to reduce nutrient inputs from Belarus to the Baltic Sea	<i>NEFCO (Finland)</i>
PA Hazards – Reducing the use and impact of hazardous substances		
	Reduce the use of the Substances of Very High Concern (SVHC) in the BSR	<i>The International Chemical Secretariat</i>
	Make the BSR a lead in sustainable management for pharmaceuticals	<i>Swedish Medical Products Agency</i>
	Assess the need to clean up chemical weapons	<i>Chief Inspectorate of Environmental Protection, Poland</i>
	CHEMSEA	<i>Institute of Oceanology PAS, Sopot, Poland</i>
	Development of HELCOM Core Set Indicators	<i>HELCOM secretariat</i>
	Innovative Management of Hazardous Substances in the BSR (InnoMaHaz)	<i>Germany (Fraunhofer Institute)</i>
PA Bio – Preserving natural zones and biodiversity, including fisheries		
	Create marine protected areas	<i>Finland</i>
	Restrict the introduction of new alien species by ships	<i>HELCOM, Sweden and Germany</i>
	Establish measures to facilitate migration and reproduction of migratory fish species	<i>HELCOM</i>
	Managing Fisheries in Baltic Marine Protected Areas (BALTFIMPA)	<i>HELCOM</i>
PA Agri – Reinforcing sustainability of agriculture, forestry and fisheries		

	Sustainable forest management in the BSR – EFINORD	<i>NCM/SNS; Ministry of Agriculture and Forestry/ Finland, EFINORD</i>
	Sustainable rural development	<i>Poland/ Ministry of Agriculture and Rural Development and Sweden/ National Rural Network</i>
	Network of institutions for management and conservation of plant genetic resources	<i>NordGen</i>
	Reinforcement of animal health and disease control	<i>Nordic Council of Ministers</i>
	Develop and improve coordination and cooperation among Member States and stakeholders on fisheries management in the Baltic Sea	<i>Sweden/ Ministry of Rural Affairs</i>
	Eradicating discards	<i>Denmark/ Ministry of Food, Agriculture and Fisheries</i>
	Ensure sustainable fishing	<i>Sweden/ Swedish Agency for Marine and Water Management</i>
	Aquabest	<i>Finland/ Finnish Game and Fisheries Research Institute</i>
	Baltic forum for innovative technologies for sustainable manure management	<i>MTT Agrifood Research/Finland and Agro Business Park/Denmark</i>
	Recycling of phosphorus	<i>Germany/ Julius Kühn Institute together with Baltic MANURE</i>
PA Secure – Protection from emergencies and accidents on land		
	Develop risk scenarios based on risk assessments and identify gaps for all main hazards of the BSR	<i>Council of the Baltic Sea States Secretariat</i>
	Strengthen training activities and exercises in cooperation with the countries of the BSR	<i>Council of the Baltic Sea States Secretariat and/or the Swedish Civil Contingencies Agency (MSB)</i>
	Applying APELL (Awareness and Preparedness for Emergencies at the Local Level) (potential flagship project)	<i>tbd</i>

	Effective learning and exchanging best practices on urban safety through a local city network (potential flagship project)	<i>Union of the Baltic Cities (UBC) Commission on Local Safety</i>
	Form a network of key civil protection actors in the BSR through the "Baltic Leadership Programme"	<i>Swedish Institute</i>
PA Tourism – Reinforcing cohesiveness of the macro-region through tourism		
	Network of regional tourism innovation centres for BSR (potential flagship project)	<i>Regional Council for Southwest Finland and Turku Touring/Centre of Expertise for Tourism and Experience Management</i>
	Facilitate sustainable land excursions of cruise ship operators in the Baltic Sea	<i>AIDA Cruises, Germany</i>
	Attract tourists to rural areas especially the coastal ones (potential flagship project)	
	Promote the cultural and natural heritage	<i>Office of the Marshal of the Pomorskie Voivodeship; Pomorskie Tourist Board</i>
	Develop strategies for sustainable tourism	<i>University of Greifswald (Germany)</i>
PA Innovation – Exploiting the full potential of the region in research and innovation		
	BSR Stars	<i>Sweden and Lithuania</i>
	Create Funding models for transnational Innovation and Research in the BSR	<i>Region Skåne</i>
	The Baltic Ring; establish an infrastructure for free movement of knowledge in the Baltic Sea Area	<i>Nordic Council of Ministers</i>
	ScanBalt Health Region: cross-sectoral and transnational projects for innovation in health and in life sciences	<i>BioCon Valley® GmbH Greifswald (Germany), Lithuanian Biotechnology Association (Lithuania) and ScanBalt fmba (Denmark)</i>
	Setting up a Baltic Science Link	<i>Sweden: Swedish Research Council</i>

	SUBMARINER (Sustainable Uses of Baltic Marine Resources)	<i>Ministry of Economic Affairs of the Land Schleswig-Holstein, Germany; Co-leaders: the Swedish Agency for Marine and Water Management and the Maritime Institute in Gdańsk/Poland</i>
HA Spatial - Encouraging the use of Maritime and Land-based Spatial Planning in all Member States around the Baltic Sea and develop a common approach for cross-border cooperation		
	Multi-level Governance in MSP (Maritime Spatial Planning) throughout the BSR - PartiSEApate	<i>Maritime Institute Gdansk</i>

C) EU Policy areas and instruments

(see attached document)

D) Regional strategies

Status: May 2013

Regional Adaptation strategies on climate change In BSR countries

Country	Region	Adaptation strategy or part of a climate strategy
Germany	Bavaria	Bavarian strategy for climate change adaptation (BayKLAS), 2009: http://www.regensburg.de/sixcms/media.php/121/broschuere_bayerische_klimaanpassungsstrategie.pdf
	Brandenburg	Catalogue for measures to climate protection and for adaptation to the consequences of climate change, 2008: http://www.muqv.brandenburg.de/cms/media.php/lbm1.a.3310.de/mk_klima.pdf
	Lower Saxonia	Recommendations for an Adaptation Strategy to Climate Change in Lower Saxonia, 2012: http://www.umwelt.niedersachsen.de/klimaschutz/aktuelles/107128.html
	North-Rhine-Westphalia-	Adaptation to climate change – A Strategy for NRW, 2009: http://www.umwelt.nrw.de/umwelt/pdf/klimawandel/Klimawandel_Anpassungsstrategie_Gesamt.pdf
	Saxony	Climate Change and Agriculture: Strategy for adaptation of the Saxonian agriculture to climate change, 2009: http://www.umwelt.sachsen.de/umwelt/klima/15161.htm and http://search.sachsen.de/web/search;jsessionid=BE231CB422EBBEA9BC0E0DA9F52186AE.sachsen_search_1?searchTerm=Anpassung%20an%20den%20Klimawandel&notSearchTerms=&phrase=&orSearchTerms=&page=0&r=TvmpAOynGKlsqt9O&bereich=&portal=&herausgeber=&type=clickQueryGuidance

Saxony-Anhalt	Adaptation strategy and action plan, 2010: http://www.sachsen-anhalt.de/index.php?id=37906
Saarland	Climate Protection concept 2008-13 (including adaptation strategies): http://www.saarland.de/dokumente/ressort_umwelt/Klimaschutzkonzept.pdf
Schleswig-Holstein	Climate Protection programme (Climate protection and adaptation to cc), 2009: http://www.schleswig-holstein.de/cae/servlet/contentblob/892902/publicationFile/KlimaschutzProg2009.pdf
Thuringia	Climate- and adaptation programme, 2009: http://www.ufz.de/data/Thueringer_Klima_und_Anpassungsprogramm10885.pdf
Baden-Württemberg	Concept for climate protection 2020PLUS (Adaptation strategy under development), 2011: http://www.um.baden-wuerttemberg.de/servlet/is/103570/Klimaschutzkonzept_2020PLUS.pdf
Berlin	Laender Energy Programme (LEP) 2006-2010 (no own strategy for Berlin): http://www.berlin.de/sen/umwelt/klimaschutz/landesenergieprogramm/de/downloads/endfassung_landesenergieprogramm.pdf
Bremen	Concept regarding Climate Change in Bremen: Consequences and Adaptation, 2012: http://www.umwelt.bremen.de/sixcms/media.php/13/BdV_L_S_Klimaanpassung%20Anlage_Endf.pdf
Hamburg	Adaptation strategy under development http://klima.hamburg.de/anpassungsstrategie/ Climate Action in Hamburg (Update 2009-10): http://klima.hamburg.de/contentblob/2180406/data/new-climate-action.pdf
Hesse	Hessian adaptation strategy (under development): http://www.hmulpv.hessen.de/irj/HMULV_Internet?cid=cfc7a830c5a70d736ce02cf68cb23dd5
Mecklenburg-West Pomerania	Adaptation strategy under development: http://www.regierung-mv.de/cms2/Regierungsportal_prod/Regierungsportal/de/wm/Themen/Energieland_2020/Erste_Studie_zum_Klimawandel_in_MV/index.jsp
Rheinland-Pfalz	Climate Report 2007 (with adaptation options): http://www.mufv.rlp.de/fileadmin/mufv/img/inhalte/klima/KlimaberichtRLP2007.pdf

<p>Denmark</p> <p>Adaptation strategies can be mainly found in regional development plans.</p> <p>“The municipalities are thus left with sole responsibility for the carrying out of adaptation work.”</p> <p>Examples of municipalities: Hedensted, Greve</p> <p>(Source: Nordregio, http://www.nordregio.se/?vis=artikel&fid=8698&id=1211200909364129763)</p>	<p>Nordjylland</p>	<p>No information in English available</p>
	<p>Midtjylland</p>	<p>Regional Development Plan: http://www.regionmidtjylland.dk/om+regionen/english/regional+development “The Regional Council will: Cooperate with the municipalities on mapping the expected consequences of climate changes.”</p> <p>Project CLIWAT (http://cliwat.eu), also Northern Sea</p>
	<p>Syddanmark</p>	<p>Strategy for Sustainable Development http://www.google.de/url?sa=t&source=web&cd=6&ved=0CEMQFjAF&url=http%3A%2F%2Fwww.regionsyddanmark.dk%2Fdwn70058&ei=Q5cuTtuuNITAhAfoxswe&usq=AFQjCNGs20XOY_9ZqYsOjmuVDfWRNdqw1w</p>
	<p>Hovedstaden (Capital Region)</p>	<p>Regional Development Plan http://www.regionh.dk/English/Regional+Development/</p>
	<p>Sjælland</p>	<p>Regional Climate Strategy (First in Denmark, Climate Adaptation is a focal part) http://www.regionsjaelland.dk/Documents/Regional%20Climate%20Strategy.KKR%20Zealand%20and%20Region%20Zealand.2009.pdf</p> <p>Annual 2009: http://www.regionsjaelland.dk/Documents/Regional%20Climate%20Strategy.KKR%20Zealand%20and%20Region%20Zealand.2009.pdf</p>
<p>Sweden</p>		<p>County Administrative Board and municipalities are responsible</p> <p>Municipalities: “The question of adaptation has only gradually arisen”</p> <p>For example: Gudrun and Per</p> <p>(Source: Nordregio, http://www.nordregio.se/?vis=artikel&fid=8698&id=1211200909350214362)</p>

		<p>“...the de-centralised nature of the political system means there can be large differences between municipalities in terms of their commitment to developing climate change adaptation strategies. This varies according to a municipalities size, vulnerability to climate change and wealth”</p> <p>http://www.geo.umu.se/digitalAssets/42/42928_eujournal.pdf</p>
	Stockholm	<p>The City of Stockholm’s Climate Initiatives (See: Adapting to a warmer, more humid climate), 2010:</p> <p>http://www.gcp-urcm.org/Resources/R201011300003</p>
	Åre	<p>Climate Adaption Measures: Destination Åre, transport solutions for tourist destinations:</p> <p>http://www.climatechangeadaptation.info/case-studies/destination-are/</p>
	Lycksele	<p>Climate Adaption Strategy: Lycksele</p> <p>http://www.climatechangeadaptation.info/uploads/CaseStudies%20rev%20a/WP3%20climate%20change%20adaptation%20strategies/Lycksele/reports/Climatic%20Case-study%20Strategy%20Lycksele%20(L).pdf</p> <p>http://www.lycksele.se/templates/Page.aspx?id=18538</p>
Finland (No local approaches on local level)	Helsinki Metropolitan Area	<p>Preparation of Urban adaptation strategy for the Helsinki Metropolitan Area:</p> <p>http://www.baltica.org/documents/HSY_Ilmaastonmuutos_esite_A5.pdf</p> <p>See also Project Julia 2030 (Mitigation of and Adaption to the Climate Change in the Helsinki Metropolitan Area):</p> <p>http://www.hsy.fi/julia2030/en/project/adaptation/Pages/default.aspx</p>
Russia	Europe and Central Asia	<p>Adapting to Climate Change in Europe and Central Asia, 2009:</p> <p>http://www.worldbank.org/eca/climate/ECA_CCA_Full_Report.pdf</p>
Estonia		<p>No information about RAS</p> <p>Only Astra Project</p>

		http://www.astra-project.org/
Latvia	Salacgrivas novads	Climate Change Adaptation Strategy for Salacgriva municipality (Salacgrīvas novada klimata pārmaiņu adaptācijas stratēģija) http://www.salacgriva.lv/lat/salacgrivas_novads/zalais_novads/?text_id=6401 http://www.salacgriva.lv/files/news/6401/klimata_strat_ija.doc
	Riga City	Flood Risk Management Plan for Riga City (adopted in 20.11.2012) as result of the project “ Integrated Strategy for Riga City to Adapt to the Hydrological Processes Intensified by Climate Change Phenomena ” Life plus Project No. LIFE08 ENV/LV/00045; http://www.rigapretpludiem.lv/eng/project-documents/
Lithuania		No information about RAS
Poland	Pomorskie Voivodeship	The Pomorskie Voivodeship Development Strategy (rather protection than adaptation) http://www.google.de/url?sa=t&source=web&cd=1&ved=0CBgQFjAA&url=http%3A%2F%2Fwww.woj-pomorskie.pl%2Fdownloads%2Fthe_Pomorskie_Voivodeship_Development_Strategy.pdf&ei=0nMxTpiuDceXOuPy8NYL&usq=AFQjCNF1TKHZrjpVDZUJGOLDDtVnsOV-OQ

E) Toolbox of instruments

(see attached document)