

# Adaptation Strategic Planning Process in Finland

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3 July 2014



This Project is funded by the European Union



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## National strategy for adaptation to climate change (NAS) (2005)

- Objective: Strengthen and increase adaptive capacity
- National and sectoral
  - *over 200 indicative measures to 15 different sectors*
- Main principle: implementation of adaptation actions integrated in daily planning, developing and decision making of different sectors
- Ministries to promote adaptation in their own sectors
- Adaptation (strategy) part of the national energy and climate strategies; 2005, 2008/revision 2013



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# Implementation of NAS

Environment and Climate  
Regional Accession Network **ECRAN**

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
								Implementation of the NAS 2022						
								[EU adaptation strategy (2013)]						
							The evaluation and revision of the NAS (2013-2014)							
							The Action Plan for the Adaptation to Climate Change of the Ministry of Agriculture and Forestry (2011-15)							
							Climateguide.fi – internet portal							
				The Climate Policy Program for Ministry of the Traffic and Communications (2009, 2013)										
			The Action Plan for Adaptation of the Environmental Administration (2008, revised 2011)											
			Mid-term evaluation (2009)											
	The Steering Group for the ISTO			The Adaptation Co-ordination Group 2008-1012, 2012-2013										
	The Climate Change Adaptation Research Program, ISTO (2006-2011)						MIL 2007–2012		FICCA, 2011–2014					
								VACCIA, 2009-2011						
National Adaptation Strategy (2005)														

# Mainstreaming

Environment and Climate  
Regional Accession Network **ECRAN**

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
									The Climate Act					
									The revision of the regulation on electricity markets (2013)					
								The action plan of the development policy (2012)						
							Guide on the exceptional situations related to environmental health 2010							
					Forest tree breeding 2050 program				Provisional plans for forest damage (2012)					
				Dam Safety Act (2009), Act on Flood Risk Prevention (2010), Water Act (2011), Water resources management strategy (2011), Government's proposal for Water Management Act (2013)										
			Implementation plan for the strategy for renovation (2008)				The biodiversity protection program and action plan (2012)							
				River basin management plans (2009, rev. 2015)				Strategy of invasive alien species 2012						
			The revision of the national land-use objectives (2008) => guiding the land use planning					The scenarios for the national security of supply (2013) => The objectives of the national security of supply						
			Climate strategies of the Regions and Cities (municipalities) "The Government expects that Regions and Cities do their own climate and energy strategies and implementation programs based on the national Climate and Energy Strategy" (Energy and climate strategy 2008)											

## Recognised success

- Climate change impacts recognised and climate change included in agendas and strategies
- Adaptation research pays off; information and knowledge of adaptation is available
- Good progress, especially water resources management
- Progress in adaptive actions as part of daily operations: clear responsibilities and resources already exist
- Some progress in risk management and communication; the importance of follow up recognised and some measures established



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## Recommendations from evaluation (1/3)

- Continue mainstreaming...
  - integrating adaptation to daily planning, development and decision making
  - develop and/or adjust existing policy instruments to promote adaptation
  - special characteristics of sectors and different regions should be identified and taken into consideration
- Improve risk assessment and management methods/tools
  - practical tools for the operative needs



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## Recommendations...(2/3)

- Strengthen adaptation efforts at regional and local level
  - Provide practical tools and region-specific information
  - Utilize existing processes, networks and actions
  - *What kind of policy instruments could be used?*
- Enhance cooperation between sectors and different levels of the governance (national, regional, local)
- Understand and consider direct and indirect impacts of global climate change (e.g. food security, energy supply)
- Make use of business opportunities related to adaptation



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## Recommendations... (3/3)

- Research on adaptation still needed
  - focus: risk assessment and management, economical analysis (benefits and costs), adaptation linked with other social and economical development
  - policy-science interface: better informed decision making and making best use of existing knowledge
- Communicate, communicate and communicate
  - the key to mainstreaming and successful adaptation
  - spread information on best practices and success stories
  - also essential in promoting spontaneous adaptation (private sector, citizens)



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## Revision process (2013-2014)

- Evaluation of the strategy and implementation
- A broad-based working group (10 ministries, 5 research institutes, 3 members from the municipalities)
- 'Stock taking' questionnaire (risks and vulnerability, strategic goals and areas of action, other views)
- A 'mid-process' seminar on the draft strategic goals
- Draft proposal (7.3.2014) sent for comments; 65 answers from administration (national, regional), research institutes and universities, NGOs, interest groups
- Public hearing: Open seminar (10.4.2014) + draft strategy in the '*Have your say*' - eParticipation Forum



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## Strategic goals, NAS 2022 (*draft 7.3*)

- A. Adaptation is integrated in the planning, actions and decision making of sectors and different actors
- B. Sufficient climate risk assessment and management tools and methods are provided for actors
- C. Adaptive capacity of the society is increased and innovative solutions to adaptation challenges is being developed through research and development as well as communications and education



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Strategic goal A / Areas of action	Strategic goal B / Areas of action	Strategic goal C / Areas of action
1.Executing climate-proofing measures at the national level 2.Developing and implementing adaptation action plans for sectors, taking into account the global effects of climate change 3.Promoting the regional and local adaptation plans and projects 4.Promoting the adaptation in the international cooperation 5.Promoting the mainstreaming of adaptation to EU policies and in the cross-border and regional cooperation.	6.Improving climate risk assessment and management 7.Developing tools for managing the financial risks of climate change	8.Strengthening adaptation research 9.Developing business opportunities in adaptation 10.Providing tools and methods supporting adaptation in the regional and local level 11.Developing the communication in adaptation 12.Including adaptation in the education (in all levels)
(D) The coordination, monitoring and assessment of the implementation 13. Appointing the national follow-up group of the adaptation (network) 14. Ensuring the monitoring of the strategy and evaluating the implementation		

## Next steps

- Elaborating the strategy taking into consideration the comments from stakeholders, *“Have your say”* – eParticipation Forum and open seminar
  - Many of the comments valuable also in the implementation of the strategy
- Finalizing strategy => to the policy process
  - approved as the Government’s decision in principle
  - linking the strategy with the Climate Act
- Implementation
  - Emphasis in the systematic follow-up and assessing the efficiency of the implementation (as possible)



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More information:

[http://www.mmm.fi/en/index/frontpage/  
climate\\_change\\_energy/adaption.html](http://www.mmm.fi/en/index/frontpage/climate_change_energy/adaption.html)

Climate Guide portal: [www.climateguide.fi](http://www.climateguide.fi)

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