

# WP7 Adaptation of Environmental and Sector Policies to Climate Change

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# WP7 Adaptation of Environmental and Sector Policies to Climate Change

Goal:

In the context of the water environment, develop scientifically sound proposals to adapt environmental and sector policies in Latvia to the impacts of climate change.



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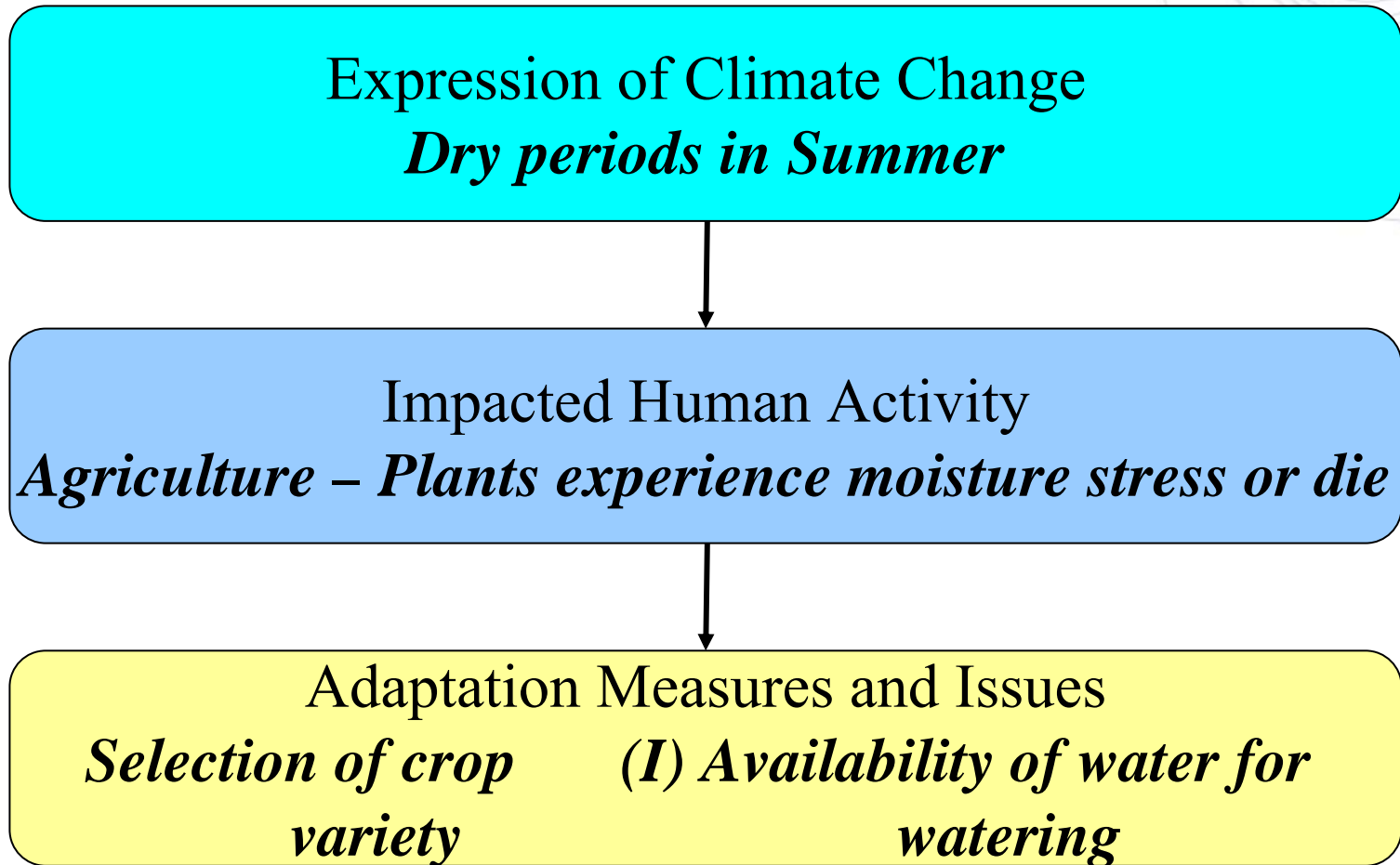
Phase 2 tasks of WP7: 1. Identify possible impacts of climate change on the water environment in Latvia (in relation to environmental and development policy) in the context of resource management.



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# Possible impacts of climate change



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# Potentially Impacted Sectors by Climate Change

- Agriculture
  - Spatial Planning
  - Water resource management
  - Energy sector
  - Forestry
  - Civil protection
  - ....
- 
- Partners for further cooperation:
    - Decision makers
    - Planners
    - Local governments
    - Sectors
  - Themes for recommendations for adaptation measures (+themes for further research)
- (table 7.1 in report)



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## 2. Analyse normative acts and planning documents in the context of climate change policies

- Need to include climate change factors in SEIA procedures
- Need of the vulnerability assessment
- Need to include the environmental risk in risk management principles



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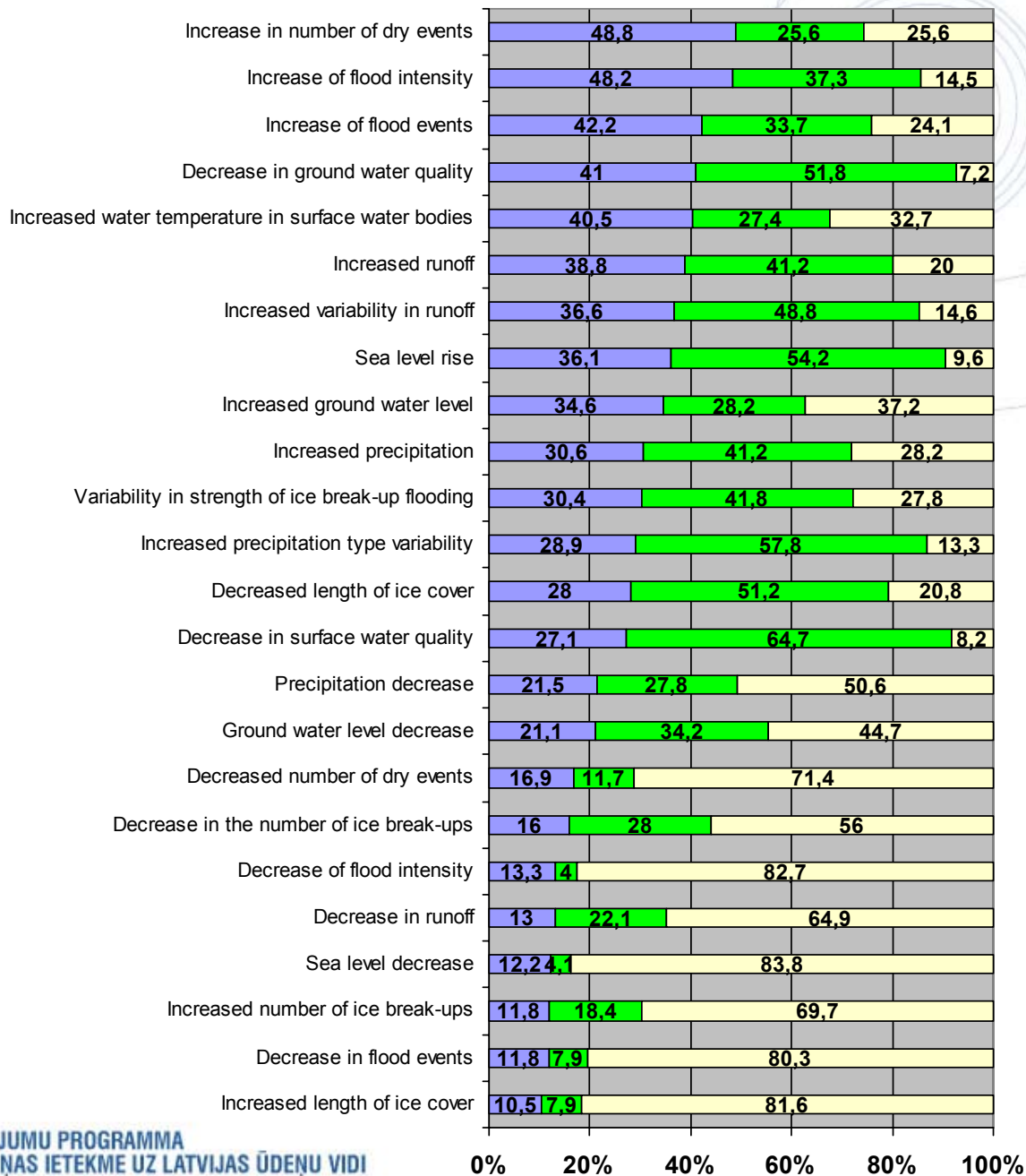
### 3. Undertake a survey of municipal and other government institutions

- August – November 2007, n=94 respondents



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■ Changes will occur   
 ■ Changes exist   
 ■ No changes expected





## results of practitioner's survey

- There is awareness about climate change existing and possible impacts
- There is awareness about need for adaptation
- There is a need of knowledge about adaptation instruments

!!! Contradiction with real politics!!!



**Very low priority of climate change  
and sustainability issues**



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## 4. Foster dialogue between climate change and water resource researchers and development planners, policy-makers in national institutions, municipal institutions and the business sector.



- Discussions with Ministry of Environment
- Discussion Club on Climate Change - The Strategic Analysis Commission under the Auspices of the President of Latvia in cooperation with the Royal Danish Embassy and the Danish Cultural Institute
- Participation in meetings of National development committee of Latvia about National Development Plan and National Sustainable Development Strategy
- British Council in Latvia project about Climate Change
- ...
- participation at meetings of Latvian Association of Local and Regional Governments



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# WP7 tasks for the 3rd phase (2008):

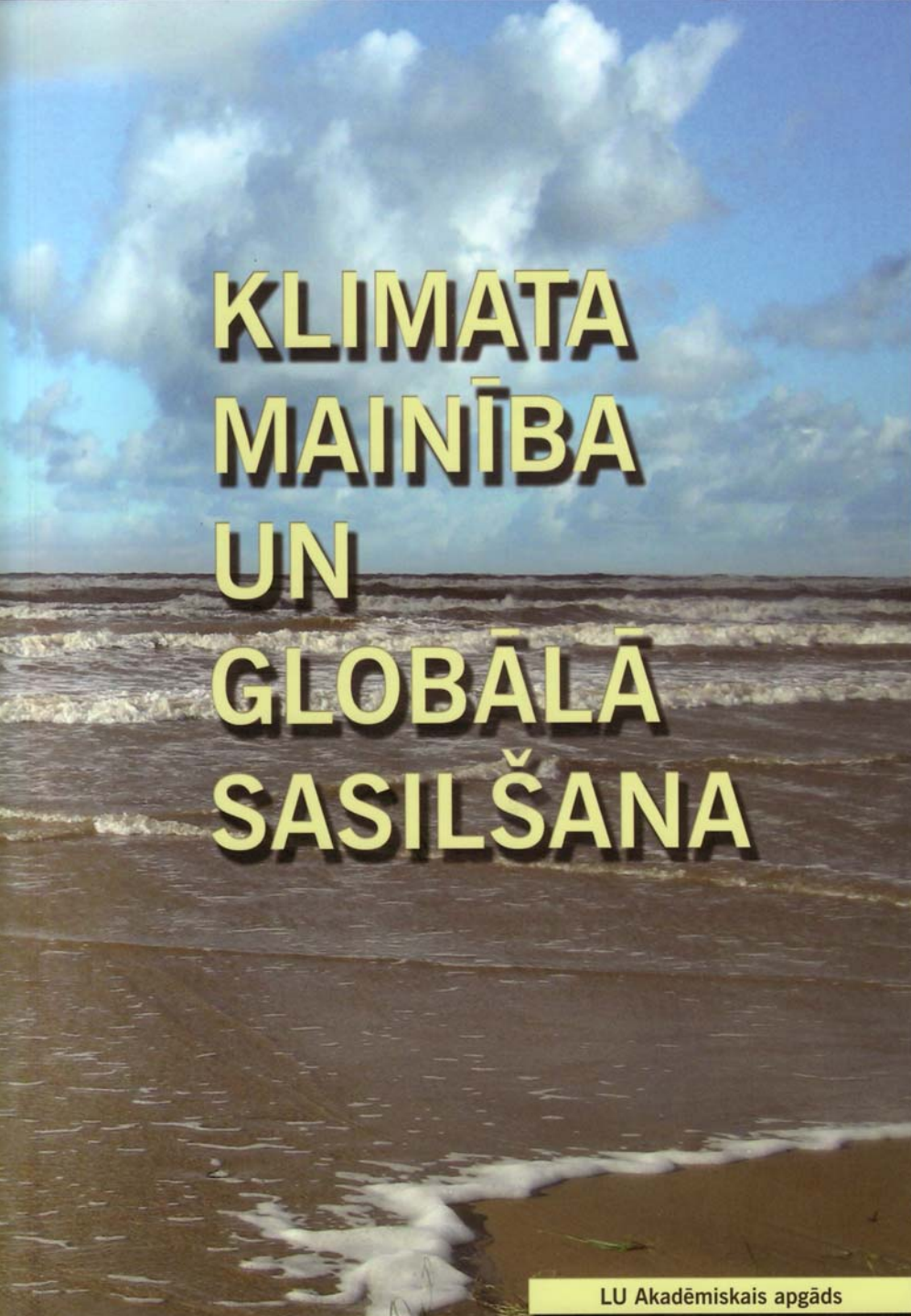
- 1. Based on the results of the survey of municipal and state specialists an action plan for an on-going dialogue between research programme researchers and practitioners will be developed.
- 2. Continuation of dialogue between climate change and water resource researchers and state and municipal level development planning specialists and the business sector.
- 3. Preparation of a publication on the results of the survey of state and municipal institution specialists.
- 4. Ensure that the results of the research programme are integrated into adaptation strategy through a group.

**Not will be developed in 2008!**



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# KLIMATA MAINĪBA UN GLOBĀLĀ SASILŠANA

LU Akadēmiskais apgāds

Co-author of the article for the book about climate change, planned to be printed in summer 2008 by the Strategic Analysis Commission under the Auspices of the President of Latvia

Co-author of article for the book about coastal zone sustainable development, planned to be printed in 2008 by Union for Europe of the Nations and the University of Latvia

# WP7 tasks for the 3rd phase (2008):

- 1. Based on the results of the survey of municipal and state specialists an action plan for an on-going dialogue between research programme researchers and practitioners will be developed.
- 2. Continuation of dialogue between climate change and water resource researchers and state and municipal level development planning specialists and the business sector.
- 3. Preparation of a publication of the results of the survey of state and municipal specialists.
- 4. Ensure that the results of the research programme are integrated into adaptation strategy through a working group.

**More publications!**

**Not will be developed in 2008!**



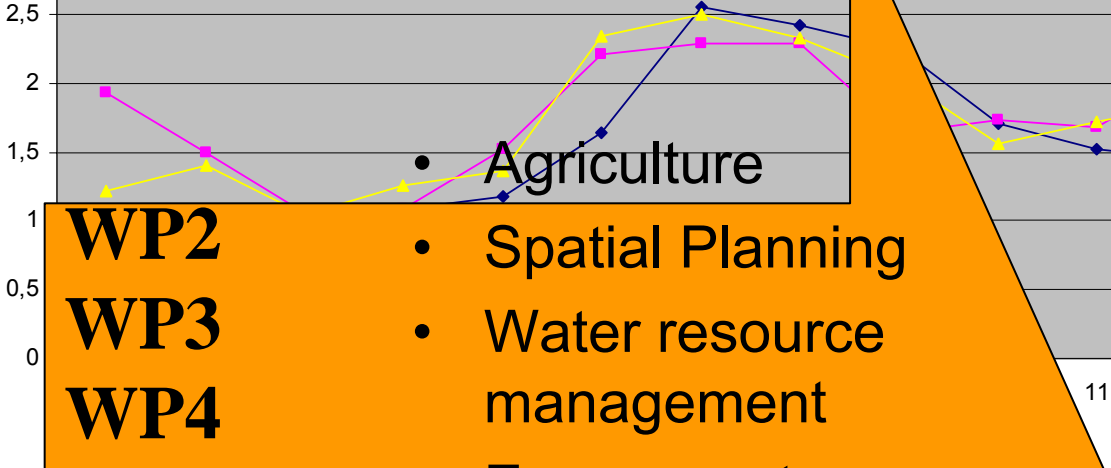
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# WP1 results

nokrišņu izmaiņas

mm vidēji dienā



- Agriculture
- Spatial Planning
- Water resource management
- Energy sector
- Forestry
- Civil protection
- ....

**+ RISK ASSESSMENT  
= ADDITIONAL  
RESEARCH PROJECT**



**FIRST RESULTS  
OF VULNERABILITY  
ASSESSMENT**



**ADAPTATION  
RECOMMENDATIONS**

(table 7.1 in report)



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# Challenges for this task

- Line of responsibility of scientists and practitioners
  - Exercise to use modelling results in WP2-WP6
  - The courage to define advices for policy (land use in agriculture)
  - We need not only scientific publications (+Diena)
- Priority list of adaptation measures
- The possibility to compare climatic and antropogenic influence and to give recommendations (added value of project)



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Institution	subject
Cabinet of Ministers	<b>Sustainable Development Strategy for Latvia</b>
Ministry of Environment	<p><b>Environmental Policy Guidelines 2009.-2015.</b></p> <ul style="list-style-type: none"> <li>- Izstrādāt informatīvu ziņojumu par situāciju Latvijā pielāgošanās jomā</li> <li>- (for EU) Tiesību aktu projekti pielāgošanās (adaptācijas) jomā, t.sk., Baltā grāmata par adaptāciju</li> <li>- Vides monitoringa programmas pamatnostādņu izstrāde (1.06.08.)</li> <li>- Izstrādāt informatīvo ziņojumu par „Atjaunojamo energoresursu izmantošanas pamatnostādņu 2006.-2013.gadam” īstenošanas gaitu.</li> <li>- (Eiropa) Direktīvas projekts par atjaunojamo energoresursu avotu izmantošanu</li> <li>- Grozījumi „Ūdens apsaimniekošanas likumā” 1.08.08.</li> <li>- MK noteikumi “Grozījumi MK 2004.gada 19.oktobra noteikumos Nr.858 “Noteikumi par virszemes ūdensobjektu tipu raksturojumu, klasifikāciju, kvalitātes kritērijiem un antropogēno slodžu noteikšanas kārtību”” 1.09.08.</li> <li>- MK noteikumu „Ūdenstilpju klasifikators” izstrāde 14.11.08.</li> <li>- Piedalīties Ministru kabineta noteikumu projekta par aktivitātes „Hidrotehnisko būvju rekonstrukcija plūdu draudu risku novērtēšanai un samazināšanai” ieviešanas nosacījumu izstrādē 29.05.08.</li> <li>- Programmas „Programma par stacionāro aizsargbūvju būvniecību bīstamo vielu ierobežošanai uz Daugavā 2008.-2012.gada” izpildes koordinācija.</li> <li>- Grozījumu nepieciešamības izvērtēšana MK noteikumos par dabas aizsardzības plānu izstrādi – saistībā ar jūras teritoriju DA plānu izstrādi 1.08.08.</li> </ul>
<b>Other ministries...</b>	
River Basin Management	Daugavas upju baseinu apgabala apsaimniekošanas plāns
	Gaujas upju baseinu apgabala apsaimniekošanas plāns
	Lielupes upju baseinu apgabala apsaimniekošanas plāns
	Ventas upju baseinu apgabala apsaimniekošanas plāns



## Constraints for work:

- Underestimated amount of work to be done:
  - The total Budget 2008 of WP7: 8252 Lats
  - 5,5 person-months (2 scientists+1 student)
- The first results of some WP are not yet appearing (no results – no reason for discussion with stakeholders)



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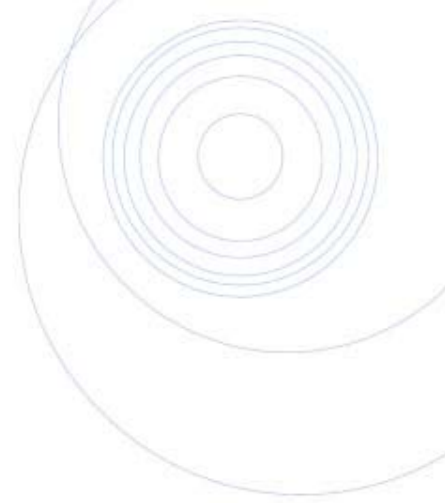
# Possibilities for 2008:

Excellent, experienced and creative colleagues  
in our research programme!



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**Thank you!**