



**Preparing for a  
Changing Climate:  
Adaptation in the Health Sector**

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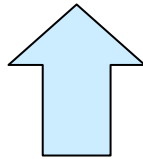
**March 3, 2009**



**...climate is a determinate  
of health...**

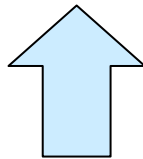
# Indicators of change

- Temperature



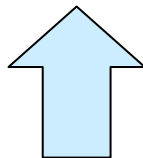
- 1900-2000: Up 0.5°C
- 2000-2100: Up 2 - 4°C

- Precipitation



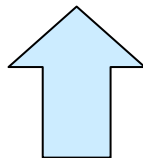
- 1900-2000 : 1 in 50 extreme rainfall event
- 2000-2100 : 1 in 10 extreme rainfall event

- Sea Level Rise



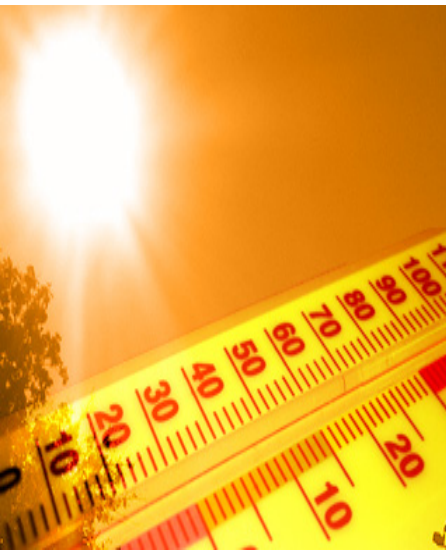
- 1900-2000 : Up 25 cm
- 2000-2100 : Up 60 cm

- Storm Surge  
Return Period



- 1900-2000 : 1 in 100 year storm surge
- 2000-2100 : 1 in 10 year storm surge

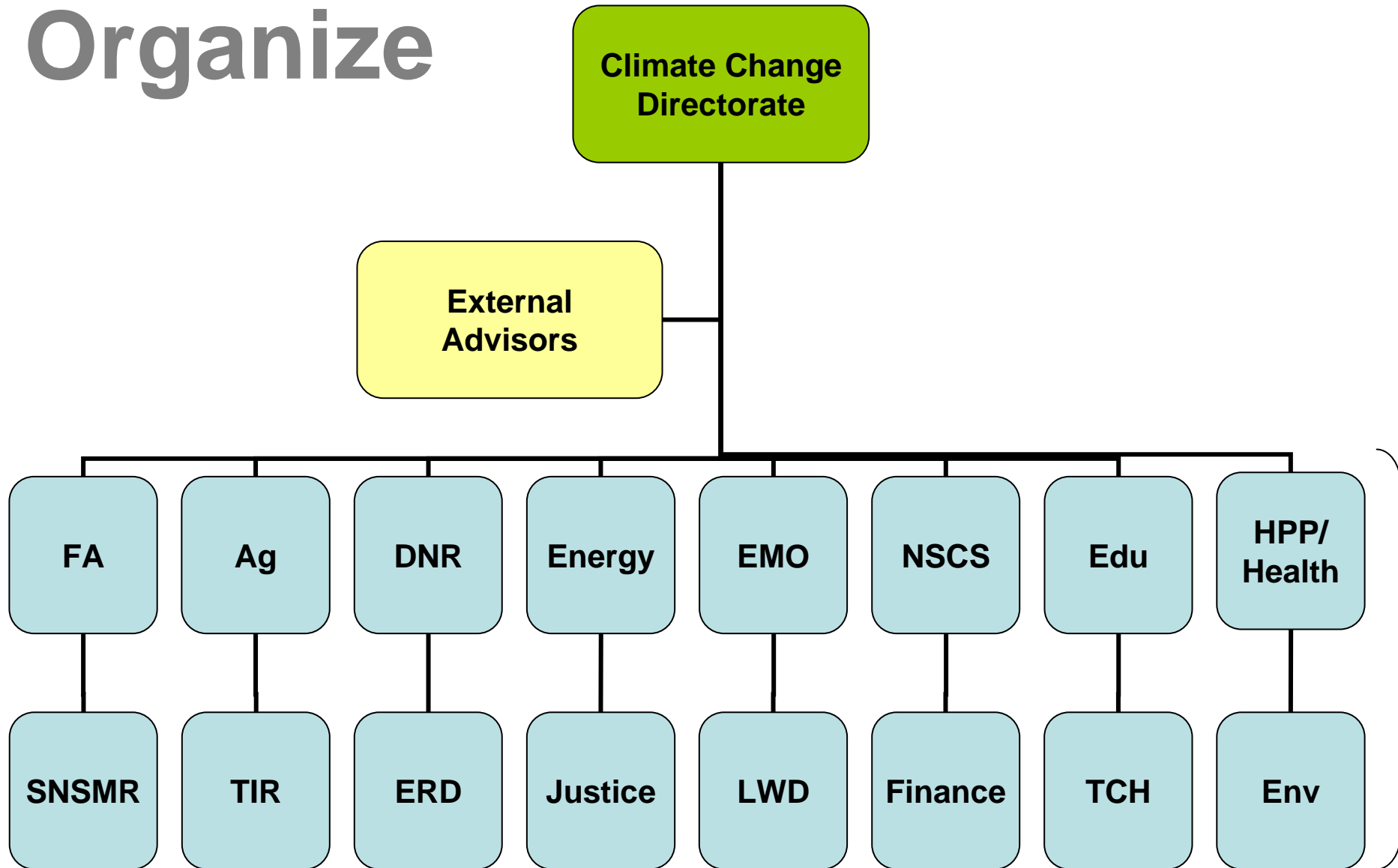
# Health Risks



# Goal

- Make adaptation a priority
- Organize and mobilize departments
- Tailor and transfer information
- Leverage funding for new research
- Encourage policy responses on the ground

# Organize



# Inform



- Climate change clearinghouse
- Adaptation R&D fund
- Provincial vulnerability assessments

# Act

- Incorporate climate change impacts and adaptation response plans into the strategies and initiatives of all provincial departments by 2012



# Examples of Adaptation

- Considering climate scenarios
- Conducting risk assessments
- Tailoring education and outreach
- Expanding heat alert systems



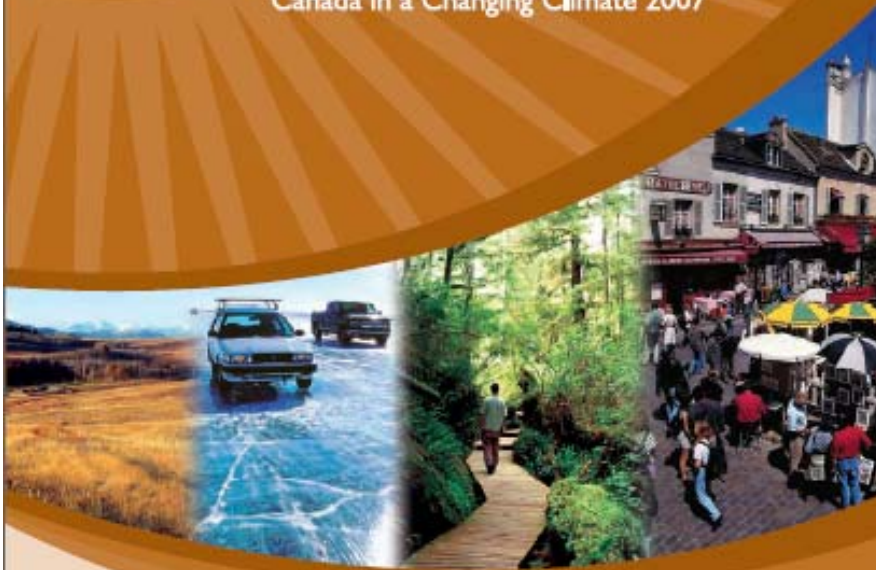
# Challenge

*“The extent to which society is willing to expend resources to avoid the effects of climate change will depend in part on its perceptions of the risks posed by climate change, the perceived costs of the effort, ability to pay, and how much it is willing to risk possible negative consequences.”*

*Ebiet a.l., 2006*

we need **YOU** to help us  
make the right decisions

# FROM IMPACTS TO ADAPTATION: Canada in a Changing Climate 2007



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Canada

Santé  
Canada

Your health and  
safety... our priority.

Votre santé et votre  
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## Human Health in a Changing Climate:

A Canadian Assessment of  
Vulnerabilities and Adaptive Capacity



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Environment

read the action plan

watch the minister's message

CLIMATE CHANGE IS REAL

3  
2  
3  
4  
5

Changing ocean temperatures will change the geographic distribution of fish stocks...  
...affecting Atlantic Canada's fishing industry.

nova scotia's 2020 vision

your carbon impact snapshot

If you have **questions** or need **help**,  
contact me.

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