

## - a boundary service between the public and the research community

The **Climateguide.fi** site provides scientific background information on climate change as well as tangible means for mitigation and adaptation in three languages. The material has been prepared by Finland's leading climate researchers and experts. The Finnish Meteorological Institute (FMI), the Finnish Environment Institute (SYKE) and Aalto University share responsibility for the contents and updating of the Climateguide.fi website.

- A first-stop national climate change website for Finland
- Designed for citizens and decision makers
- Reliable and up-to-date climate change information
- Platform through which key national research institutions and projects can disseminate their information in a user-friendly way
- First web site to provide information equally on all aspects of climate change

### Climate Change Explained Understand the change and its impacts

A comprehensive set of information on climate change, its impacts, mitigation of it and how to adapt.

- Scientific basis of climate change
- Focusing especially on Finland
- Pedagogically structured web articles
- Facts and figures
- Linked references
- Links to further information
- Eight learning modules (Fig 1)

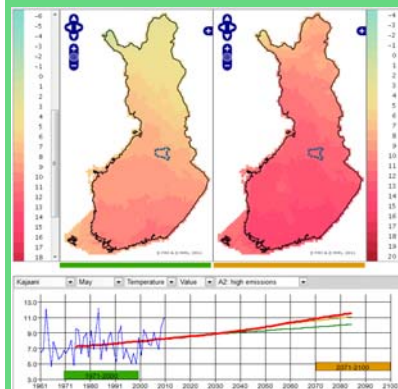


**Figure 1.** Climate history of the world is one of eight interactive learning modules of the Climateguide.fi-portal.

### Maps, Graphs and Data Learn from the past, look to the future

Observed and anticipated climate change and its impacts conveniently through maps, graphs and tables.

- Local and national data
- Observed and projected climate data in one view (Fig 2)
- Climate scenario selector tool



**Figure 2.** The map on left shows present climate of Finland and the map on the right the projected climate with geographical variation for the selected 30 years period and emission scenario. The graph shows observed and simulated annual or monthly mean values for the selected municipality and emission scenario.

### Community Response Wizard Community response – Plan and execute

Support for local scale planning and decision making as well as options for adaptation and mitigation in municipalities.

Gateway to impacts, solutions and case studies (Figure 3) in each sector of the municipal sphere of authority:

- Land Use and Construction
- Technical Services
- Education and Culture
- Social and Health
- Environmental Protection

and their subsectors (16).



**Figure 3.** Case study from the City of Turku describes the experiences on hybrid buses during the first year of use. Links for further information are given and the benefits from the municipality's point of view are discussed.

#### Climateguide.fi in a nutshell:

- In Finnish, English and Swedish
- 1600 unique visitors / 6000 page views per week
- Over 500 likes in facebook.com/ilmastoopas
- 250 web articles on climate change issues
- Scientific basis, impacts, mitigation, adaptation
- Adaptation and mitigation solutions in practice

- Eight interactive learning modules
- Interfaces for observational and modelled data visualization
- Local, regional and national information
- Sectoral perspectives for climate change
- Numerous checklists
- Case studies

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