



ILMATIEEN LAITOS  
METEOROLOGISKA INSTITUTET  
FINNISH METEOROLOGICAL INSTITUTE

# Finnish Meteorological Institute



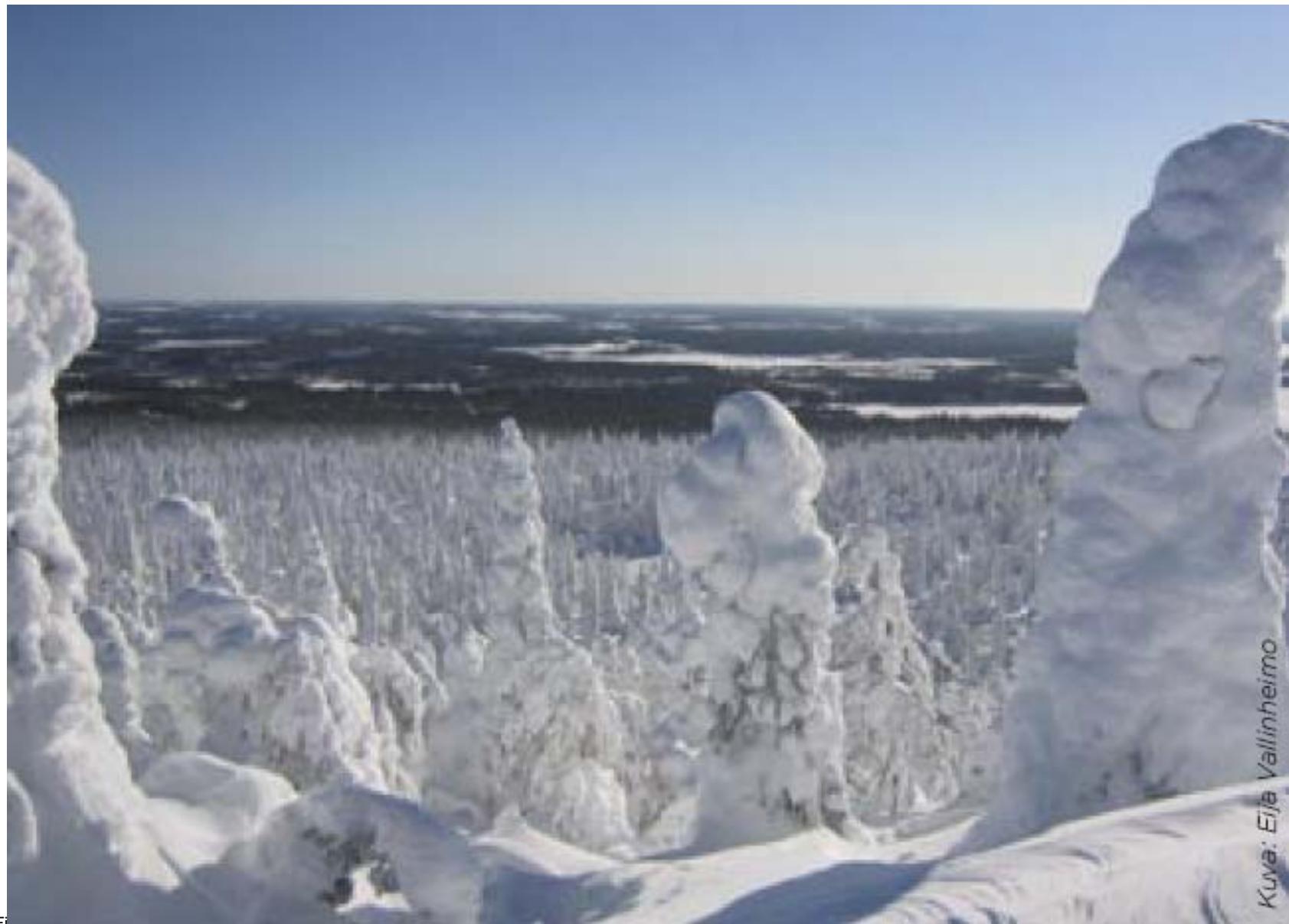


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A J Punkka



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(AFP PHOTO)



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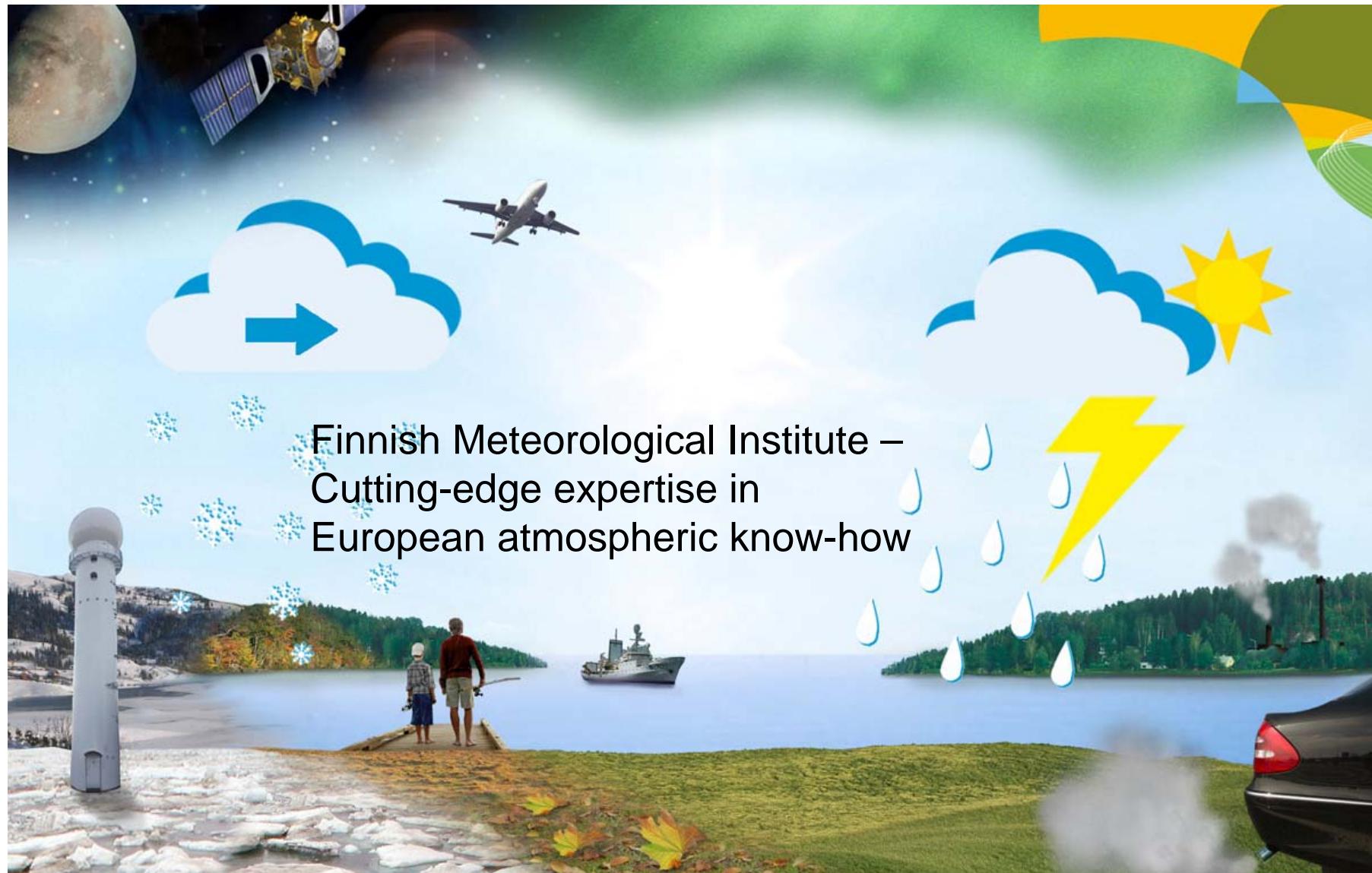


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Finnish Meteorological Institute –  
Cutting-edge expertise in  
European atmospheric know-how



## Organisation on 1 March 2006





# Personnel

- 580 person-years
  - Research & development 280
  - Weather Service 100
  - Customer Services 40
  - Technical Services 120
  - Administration and Director General's Office 40
- women 40% - men 60%
- 55% academic degree
  - 15% PhD





# Economy

- Budget 45 million euro
  - 65% Budgetary funding (Ministry of Transport and Communications)
  - 35% Commercial operations or external research funding
- 50 % of research funded from external sources
  - EU
  - ESA
  - EUMETSAT
  - Academy of Finland
  - Finnish Funding Agency for Technology and Innovation



#### MINISTRY OF THE INTERIOR

- NUCLEAR ACCIDENTS
- DISPERSION OF HAZARDOUS MATERIALS
- DEVASTATING WEATHER PHENOMENA
- FOREST FIRES
- MARINE RESCUE

#### MINISTRY OF SOCIAL AFFAIRS AND HEALTH

- NUCLEAR ACCIDENTS
- HEALTH EFFECTS OF AIR IMPURITIES

#### DEFENCE FORCES

- WEATHER SERVICES FOR NORMAL TIMES AND EXCEPTIONAL SITUATIONS

#### MINISTRY OF EDUCATION

- UNIVERSITIES OF HELSINKI AND KUOPIO, HELSINKI UNIVERSITY OF TECHNOLOGY
- UNIVERSITY OF OULU / SODANKYLÄ

#### MINISTRY OF TRADE AND INDUSTRY

- SPACE AND EARTH OBSERVATION TECHNOLOGY
- TECHNOLOGICAL SERVICES FOR MOBILE MEDIA
- WEATHER OBSERVATION TECHNOLOGY

#### MINISTRY OF TRANSPORT AND COMMUNICATIONS

- TRAFFIC SAFETY
- ENVIRONMENTAL IMPACTS OF TRAFFIC
- SMOOTH FLOW OF TRAFFIC
- DAY-TO-DAY INFORMATION SOCIETY
- TRANSPORT 2030

#### CITIZENS

- WARNING SERVICES
- MARINE WEATHER, PEDESTRIAN WEATHER, DRIVING WEATHER ETC.
- WWW, RADIO, TV

#### COMMERCIAL CLIENTS

- ENTERPRISES
- PRIVATE INDIVIDUALS

#### MINISTRY OF THE ENVIRONMENT

- AIR QUALITY
- CLIMATE CHANGE

#### MINISTRY OF AGRICULTURE AND FORESTRY

- SERVICES FOR AGRICULTURE AND FORESTRY
- FLOODS CAUSED BY HEAVY RAINS
- ADAPATATION TO CLIMATE CHANGE

#### INTERNATIONAL OBLIGATIONS

- WMO
- EUMETSAT
- EUMETNET
- ECMWF
- IAEA
- EMEP
- AMAP
- ETC.

FMI's atmospheric expertise



# CO<sub>2</sub> –concentration Pallas-Sodankylä

