## HEATCLIM Heat and health in the changing climate Timo Lanki University of Eastern Finland



Aalto University, Risto Kosonen Finnish Institute for Health and Welfare, Sakari Karvonen Finnish Meteorological Institute, Kirsti Jylhä





Finnish institute for health and welfare



ILMATIETEEN LAITOS METEOROLOGISKA INSTITUTET FINNISH METEOROLOGICAL INSTITUTE

## Recommendations





Finnish institute for health and welfare



- Climate change is increasing indoor temperatures and the risk of intense heat waves in Finland
- Without adaptation measures, the burden of disease caused by heat waves will rapidly increase in Finland with aging population
- Efficient adaptation requires a combination of various measures:
  - New considerations in urban planning with respect to structure and green areas
  - Passive and active cooling measures at home and in social and health care facilities
  - Measures of social inclusion to increase adaptive capacity
- Adaptation should focus on the most vulnerable population groups, including the elderly and the chronically ill
  - Active cooling is often needed to guarantee healthy indoor temperature
  - Risk awareness should be increased, and early warning systems developed further