VITO is an independent Flemish research organisation in the area of cleantech and sustainable development. Our goal? To accelerate the transition to a sustainable world.

AREAS OF ACTIVITY

- Agriculture
- Biodiversity, Nature-Based Solutions, Ecosystem Services
- Bioeconomy
- Building Sector
- Business Development
- Citizen Science
- Climate Modelling
- Climate Risks & Responses, Disaster Risk Management
- Climate Services
- Consulting, Service Provider
- Data, Knowledge, Digital Services
- Earth observation & Environmental Observation
- Energy Sector
- EU Projects
- Health Sector
- Information & Communication Technologies
- Marine, Coastal, Fluvial Management
- Policy-Making
- Regional & Local Administration
- Research & Development
- Urban Planning
- Water Management
- Climate change adaptation

PROJECT

Climate-fit.City

Working closely with city officials and urban stakeholders, the EU-funded Climate-fit.City project transforms complex, urban climate data into a set of highly usable tools to address local challenges. Primary urban climate data is provided by the project coordinator VITO, the Flemish Institute for Technological Research. The institute developed a flexible and highly precise computer model called UrbClim to generate detailed urban maps at a spatial resolution ranging from 100 metres to a kilometre as well as thermal comfort maps at street scale level. Climate services on active mobility, building energy, cultural heritage, heat-health, urban planning and emergency planning have been demonstrated for major European cities as Antwerp, Barcelona, Rome, Prague, Graz, Berlin and London. Contact: Filip Lefebre
Applies to
Health, Database, Local level, ICT solutions, Energy sector, Urban planning, Building sector
Water management, Climate services, Climate modelling, Cultural heritage, Adaptation strategy,
Platforms, websites, Transportation sector, Extreme weather events, Simulation, gamification,
Demonstration activities, Climate change adaptation, Disaster risk management and reduction
Decision support tools, decision-making, Exchange of knowledge and good practices, Business
development and commercialisation, Assessment of climate change impacts (physical, economic,
social...)

ECCA 2021 - Climate Adaptation solutions - Climate-fit.City

Video [https://youtu.be/GTvN01KPZ_g](https://youtu.be/GTvN01KPZ_g)