Planning and implementation of energy transition projects with a use of geo-spatial data

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Energy planning
Energy program

Select

District heating? OR Heat pump? OR Solar? OR Insulation?

Combine

LED + Household appliances + Ventilation
Geneva territorial information system
Data collection and use challenges
Objectives of AtlasEco21 project

Data → Processes → Decision-making
AtlasEco21 functioning principle

Data sources

“Central” database

AtlasEco21 tool developed for SIG by IT company idlab
Buildings

Technology & consumption

Infrastructure

CO2 kWh

Programs
Heating systems
Energy consumption
Why Atlas Eco21 became possible?

Framework

Standards

Infrastructure

Actors
Advantages

✓ Visibility

✓ Understanding

✓ Communication

✓ Coordination
Advantages

✓ Visibility and understanding
✓ Communication and coordination