

9 APRIL 2025

JOURNEY 2

INNOVATIVE PARTNERSHIPS FOR A CITY '100% RENEWABLES'

Topic

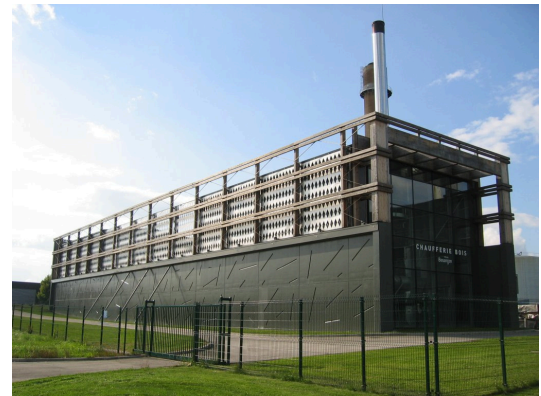
Planning the large-scale deployment of renewable energies in urban environments (heat and electricity) also means creating new modes of co-investment and partnerships that contribute to the well-being of residents, by reducing their energy bills and improving air quality. What types of collaborations are there? Which roles should municipalities have to foster such partnerships?

Keywords: development policy and governance - co-investment models - facilitating citizen participation - planning - community energy

9h45-12h30 Site visit: Planoise wood-fired boiler plant & presentation of Port Douvot wastewater treatment plant

The Climate-Air-Energy Plan put in place by Grand Besançon Métropole (GBM) aims to generate 100% of the energy consumed in the region from renewable resources by 2050.

Their district heating network, with its installed capacity of 100 MW, currently serves around 14,850 households. More than 70% of the network's energy comes from renewable sources (biomass) and recovered energy (household waste incineration). Three biomass generators, with a total installed capacity of 22 MW supply the district heating network, including the Planoise wood-fired boiler plant.



The Besançon wastewater treatment plant, which treats wastewater from Besançon and 28 other municipalities with a total population of around 150 000, has had a positive energy consumption balance since 2022. It is due to the production of photovoltaic electricity, which is immediately consumed by the site's installations, to geothermal energy, which is also consumed on site, and above all to the production of biomethane from its methanisation, which is fully injected into the GRDF network.

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12h30-14h00 **Lunch**14h-15h30 **Testimonial workshop - 100 % renewable in action:
meet the makers**

This workshop aims to inspire cities and EU stakeholders on how to accelerate the uptake of renewable energy. Participants will learn about local and national plans to accelerate the energy transition in different countries. The two main points raised will be:

- What are the key elements to consider in order to support renewable energy projects (partnerships, policy, citizens engagement, financing, etc.)?
- Who are the key players to engage with for a successful energy transition?

15h30-16h **Coffee break**16h00 - 17h30 **Hold up - a collective intelligence workshop**

The session will aim at using collective intelligence from all participants to address challenges or difficulties met by some cities in developing and implementing their projects. The workshop will use the "Hold up" methodology which is based on co-development when participants help each other solve a problem with the help of facilitators.

The group of participants will split into 3 to 5 tables and, according to the "Hold up" methodology, each table will include 1 city who presents their challenges/problems to the other participants using the following steps: presentation, clarification round, formalization of a request, round of consultation and summary. The topics will be proposed by participants.

Please note that this sheet is provisional; the sheet with more technical details will be provided at the end of March.

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