

## Journey 3 “the Leaf”: Communities driving the shift to fossil-free heating and cooling

### Practical information



**Any questions?**

Ask the journey referents:  
**Eduardo** - eduardo.blanco@energy-cities.eu  
**Nicolas** - nicolas.raimondi@energy-cities.eu



**Personal items**

Can be kept in the venue



**Means of transport**

Bus and walk



**Clothes**

Comfortable shoes (walk)

### Schedule of the day

<b>08:30-09:00</b>	Start of the day <i>Teatro Jordão, Av. Dom Afonso Henriques 321</i>	
<b>09:00-09:30</b>	Local Democracy, the power of doing - plenary session <i>Teatro Jordão, Av. Dom Afonso Henriques 321</i>	
<b>09:30-10:00</b>	Departure - follow the journey referent with a green flag <i>Meeting point: outside the Teatro Jordão</i>	
<b>10:00-12:30</b>	Site visit <i>Guimagym</i>	
<b>12:30-14:00</b>	Lunch (vegetarian menu) <i>Outside Guimagym</i>	
<b>14:00-16:00</b>	Workshop <i>Guimagym</i>	
<b>16:00-16:30</b>	Return to the main venue <i>Teatro Jordão, Av. Dom Afonso Henriques 321</i>	
<b>16:30-17:00</b>	Speed networking and Bingo time! <i>Teatro Jordão, Av. Dom Afonso Henriques 321</i>	
<b>17:00-17:45</b>	Debate “Reviving Local Democracy” <i>Teatro Jordão, Av. Dom Afonso Henriques 321</i>	
<b>17:45-18:00</b>	Energy Cities’ General Assembly <i>Teatro Jordão, Av. Dom Afonso Henriques 321</i>	
<b>18:00-19:30</b>	Free time	
<b>19:30</b>	Gala dinner (no dress code) - <b>Bring your badge</b> <i>Conservatório de Guimarães (Ground floor), R. de Vila Flor, Guimarães</i>	
<b>22:00</b>	Light and sound experience <i>City centre</i>	

## Topic

The engagement of citizens and local communities is a key enabler of the local transition towards fossil-free cities. Citizens are not only energy consumers; they can also become active players in the clean production and management of energy for heating and cooling. However, cities still face major barriers in unlocking the full potential of clean heating and cooling solutions, even more when it comes to community-led projects. During this journey, participants will explore inspiring approaches to citizen and community involvement in delivering fossil-free heating and cooling.

## Visit agenda

### Presentation of Gymnastics Academy, Guimagym

Presentation on how the building was conceived as a flagship low-carbon public building combining bio-based materials, on-site renewables, and high-efficiency systems to achieve near energy self-sufficiency.

### Heating and cooling in practice: introduction to the passive solutions

The underground network is used for both cooling and heating. It operates by using the ground’s enthalpy at a depth of around 100 meters, circulating energy through an activated slab system. The natural temperature differences of the soil are beneficial in both summer and winter, allowing efficient cooling during warmer months and heating during colder periods.

### Scaling energy efficiency across municipal buildings.

How to deliver a plan with defined strategies and solutions for efficient heating and cooling in public buildings and at community level?

## Speakers

- **Daniel Ferreira**, *Biology Expert, Landscape Laboratory (Guimarães)*
- **Francisco Ferreira**, *Sustainability and Circular Economy Expert, Landscape Laboratory (Guimarães)*



## Workshop agenda

**14:00-14:15**

### **Introduction : Heating and cooling landscape in the EU**

*Nicolas Raimondi, Policy & Project Manager, Energy Cities*

**14:15-14:30**

### **Decarbonising District Heating**

Insights from the RESPONSE Project

*Nathanaël Leblanc, Project Manager RESPONSE, Dijon Métropole (FR)*

**14:30-14:45**

### **Setting the scene for energy communities on H&C**

Learnings from Connect Heat & Muse DHC

*Riccardo Battisti, Senior Project Manager, Ambiente Italia*

**14:45-15:00**

### **Citizen-led heating solutions and the role of municipalities**

The case of municipalities in Germany (ESCALATE project)

*Antonia Kranz, Junior Researcher, IREES*

**15:00-15:10 - Break**

**15:10-15:40**

### **Fossil Free Wall and Fishbowl activity**

Collective discussion to identify key policy leverage for community led heating and cooling solutions

**15:40-16:00**

### **Conclusion**

## Facilitators:

*Nicolas Raimondi and Eduardo Blanco, project Managers, Energy Cities*