

# REDI4HEAT

## European Consultation Workshop - REDI4Heat project

### Agenda

#### Details

**Time:** 28.08.2024

**Location:** EuroSun Conference 2024, Cyprus

**Organiser:** Energy Institute Hrvoje Požar (EIHP)

# EuroSun 2024

## Heating and cooling, the key for a net zero future

### *Summary*

Decarbonising the heating and cooling sector by increasing the share of renewable energy is one of the most challenging issues not only in the EU energy transition but also in practice. The decarbonisation targets, methods and measures are already planned in the National Energy and Climate Plans (NECPs) of the Member States. But how the success of these measures is tracked? The answer will be found during this workshop; Strategic Policy Priority Areas (SPPA) and Key Success Factors (KSF) will be proposed for monitoring the measures. Focusing on 5 Member States (Croatia, Germany, Greece, Poland, Portugal), the SPPA and KSF proposed especially for them will be unfolded. Practical examples and best practices across EU will be also presented, to see what green cities do well. The workshop ends with an interactive session among panellists, relevant stakeholders and the audience.

Join us to learn how decarbonisation of heating and cooling can be accelerated!

***Keywords: National Energy and Climate Plans, Heating and Cooling, Strategic Policy Priority, Key Success Factor***

### *Introduction*

The heating and cooling sector represents approximately 50% of the total energy consumption, but its decarbonisation lags behind other sectors, such as power and transportation.

Achieving a higher share of renewable energy in the H&C sector is one of the most challenging issues not only in the energy transition of the EU, but also in a technical point of view. The planning to achieve the targets is already done in the National Energy and Climate Plans (NECPs), where Member States have defined different measures, in different dimensions and in multiple fields. Although these measures are often well defined, their implementation needs to be tracked dynamically, to evaluate their actual impact.

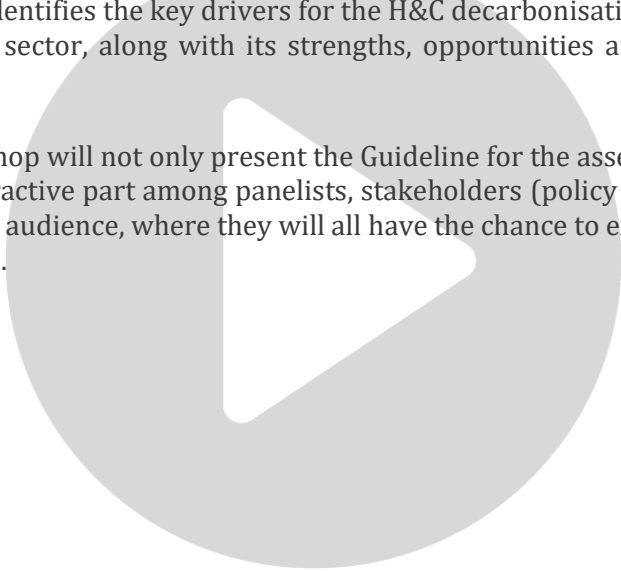
After a thorough analysis of the NECPs, Strategic Policy Priorities and Key Success Factors are proposed as a method to track the success of the measures. This workshop will focus on presenting the SPPAs and KSF at EU level to accelerate the decarbonisation of heating and cooling. Practical examples and best practices across EU will be also presented, to see what forerunners do well. Interactive discussion with relevant stakeholders and the audience to evaluate this approach and express their opinions will be also carried out.

## *Relevance of the topic*

Amidst global challenges like the Ukraine invasion and the record-breaking heat of 2023, the EU faces a critical juncture. Prioritizing energy security and climate action is key. The war and the energy crisis highlighted the need for secure energy sources, pushing the EU to reduce external dependencies. Extreme weather events underline the immediate consequences of climate change. Even at COP28, world leaders called for a complete phase-out of fossil fuels, reinforcing the urgency for action in the heating and cooling sector to align with global climate goals. However, the heating and cooling sector, responsible for nearly half of the EU's energy consumption, lacks political will and financial support for its decarbonisation, compared to the electricity and transportation sector. This workshop advocates for addressing this gap by examining successful strategies, fostering knowledge exchange and emphasizing the significance of National Energy and Climate Plans, Strategic Policy Priority Areas and Key Success Factors to enable and accelerate decarbonisation.

The Guideline for the assessment of the NECPs, developed within the REDI4Heat project, supports the assessment of the H&C strategies included in the NECPs and the penetration of renewable energy sources. The Guideline identifies the key drivers for the H&C decarbonisation, missing elements and weaknesses of the H&C sector, along with its strengths, opportunities and recommendations for further actions.

This consultation workshop will not only present the Guideline for the assessment of the NECPs but will also include an interactive part among panelists, stakeholders (policy makers, energy agencies, H&C companies) and the audience, where they will all have the chance to express their opinions and approaches for this topic.



## Agenda of the workshop

Duration	Topic/Theme	Presenter
10 minutes	Opening and Welcome	Valérie Séjourné, Managing Director, SHE
10 minutes	REDI4Heat project	Rosie Christodoulaki, CRES
15 minutes	Identification of Key Success Factors and related Key Performance Indicators  Strategic Policy Priority Areas	Andro Bačan, Energy Institute Hrvoje Požar
10 minutes	Key Success Factors and related Key Performance Indicators – Croatian case	Hrvoje Dorotić, Energy Institute Hrvoje Požar
20 minutes	Hands on – how to use and assess measures for decarbonization of heating and cooling in the NECP?	Andro Bačan, Energy Institute Hrvoje Požar
20 minutes	Validation and Q&A session	All participants
5 minutes	Closing remarks	