

ENERGY **CITIES**

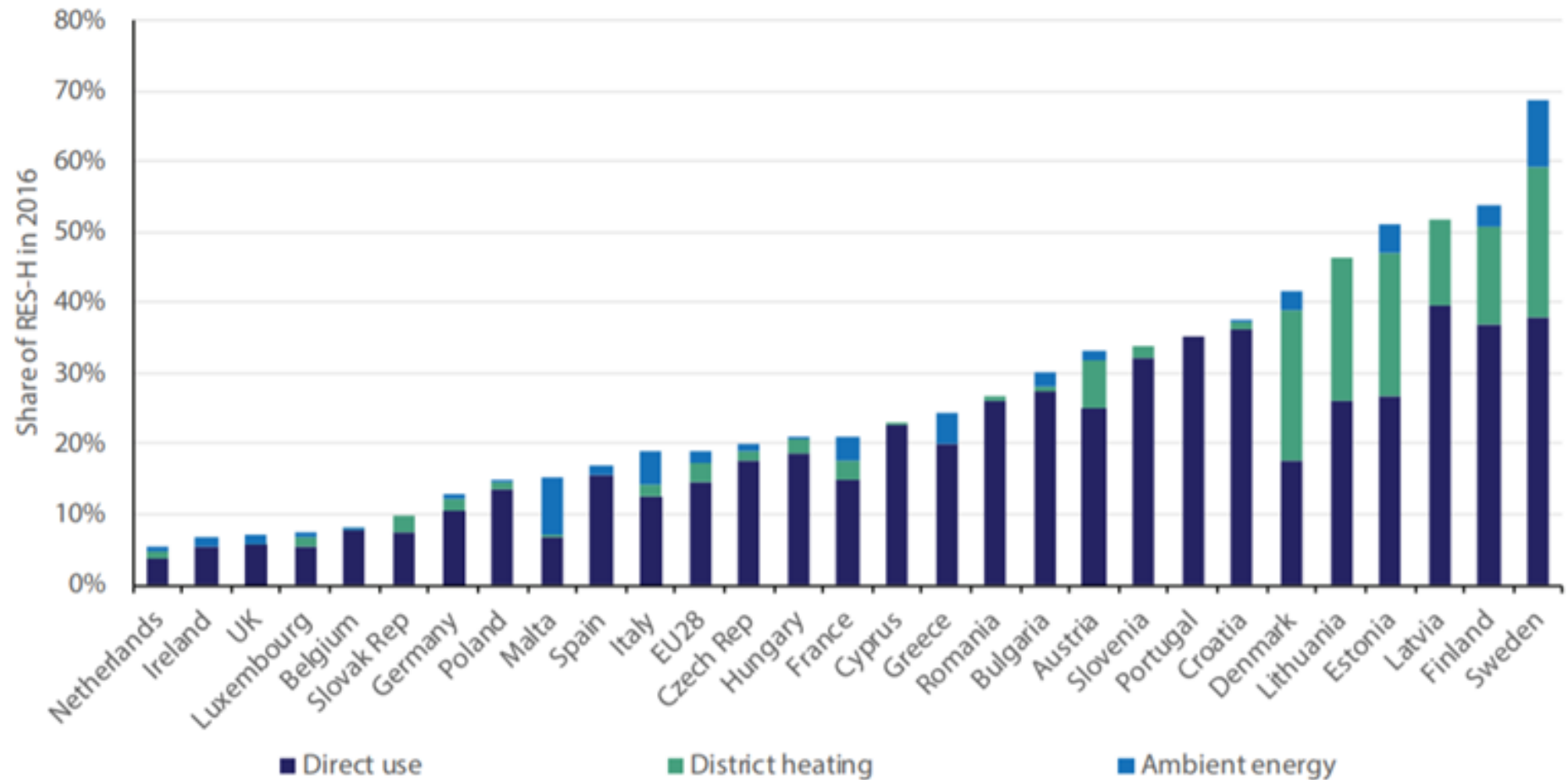
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IN PREPARATION

An EU strategy for smart sector integration



CORRELATION BETWEEN RENEWABLE H&C AND DHC



Source: Eurostat

OUR VISION: A LOCAL INTEGRATION BASED ON DHC AND THERMAL ENERGIES

DHC as enabler of different technologies

Local thermal energies like solar thermal and geothermal

Waste heat recovery

Providing storage and balancing services for the system

Collective infrastructure ensuring a just energy transition

Renewable gases to be used for high-temperature heat demand

SOME BARRIERS TO ENERGY SYSTEM INTEGRATION

Energy producing and energy consuming sectors are **not enough linked**

Policies are designed by **sector**

Predominant **centralized and national top-down** approach

Lack of effective multi-level governance in terms of infrastructure planning

Shortcoming in systemic assessments of how **local energy solutions**, such as district heating and cooling, benefit the wider energy system integration

OUR DEMANDS TO THE EU

Introduce an **obligation** to Member States to support energy planning carried out at a local and regional level

Guidelines should be provided by the EU and Member States but **assessment should be fine-tuned locally**

Assign the costs of fossil fuels in the upcoming **revision of the energy taxation directive** and remove the barriers to the dismantling of the natural gas grids at local level

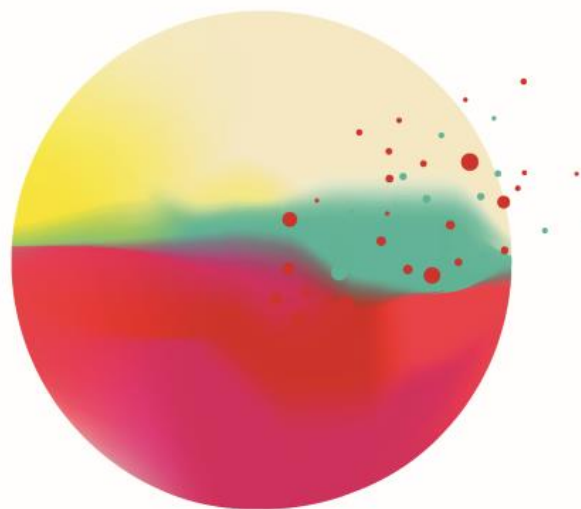
OUR DEMANDS TO THE EU

Remove the policy barriers which forbid local actors to invest in different sectors

Phase out EU funding for natural gas infrastructure as of 2021, matching the timeline of the EIB energy lending policy

In the list of projects of common interest, set the funding priority on smart thermal networks

Support citizen and renewable energy communities in their projects of smart sector integration




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