



Virtual Demo Sites Open Call



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°857801.

WEDISTRICT goal is

To demonstrate innovative 100% fossil free
heating and **cooling** solutions for new and
existing district heating & cooling systems.



WEDISTRICT technologies



3 Different Solar
Technologies



Data centre heat
waste recovery



Low emissions
Biomass technology



Molten salts
Energy **storage**



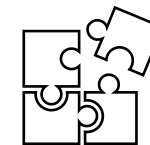
Hybridation PV-
Geothermal Energy



Advanced ICT
system

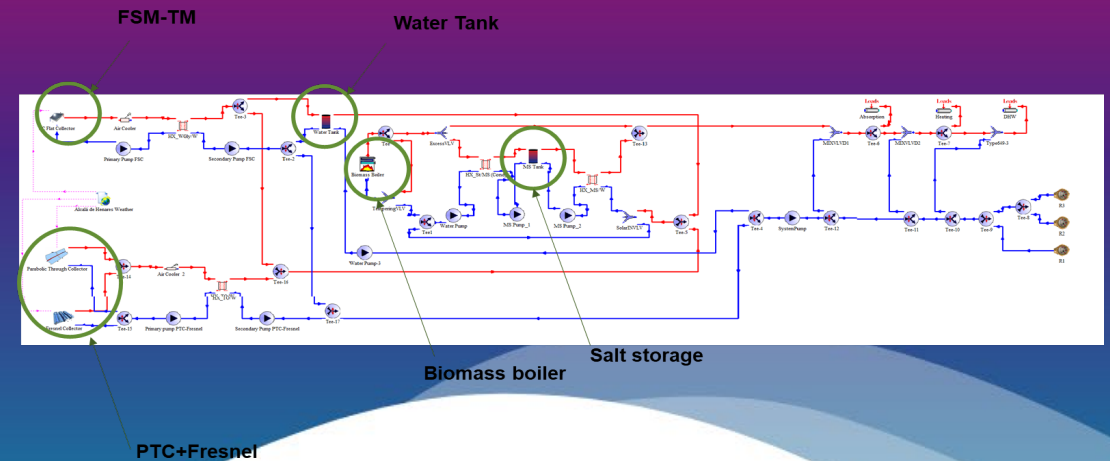


2 different Cooling
from renewable energy
sources



Other
conventional
technologies

VIRTUAL Demosites Simulation Activity



- A set of selected virtual demos will be simulated by the WEDISTRIC Simulation Working Group.
- **Different scenarios with technologies developed within the project will be integrated** in the simulation, order to evaluate the **most cost-effective system** for each virtual demo.
- The main objective of the activity is to **improve the current system by integrating renewable energy systems** and demonstrate WEDISTRIC replicability.
- Each virtual demo will integrate **the most suitable technologies** and operation strategies for improving the energy efficiency and lowering the emissions.

What do we expect from virtual demo-followers?

- **Information exchange**
- The Simulation Working Group will develop a **template to be filled by the virtual demos**. It's up to each demo to provide as much detail as they consider. The more information you provide, the more accurate will be the assessment from our side.
- **Some contact** could be needed from the Simulation Group in order to clarify unclear points. Each demo-follower is free to manage the contact procedures with the simulation working group as they consider appropriate.

What do we expect from virtual demo-followers?

- **Participation in 2 workshops**
 - **Two workshops** will take place **with representatives from each virtual demo site** in order to show them the work performed and results obtained.
 - **1-2 persons from each demo site will be invited** (all associated costs will be paid by **WEDISTRIC**T project).
 - The first workshop is foreseen in Madrid (Nov-Dec 2021) and the second workshop in Bucharest (Sept-Oct 2022).
 - Physical participation is not mandatory although recommended for an optimal interaction and discussion.



What will WEDISTRICK do for the virtual demo-followers?

- **RES integration study for free**

In short, demo-followers will be simulated and assessed, following WEDISTRICK DNA (Renewable Energy Sources integration into District Heating and/or Cooling for new and/or retrofitting projects). Demo-followers will obtain a feasibility study without any cost.

- **Dissemination around Europe**

Virtual demo sites will be promoted within the dissemination activity of WEDISTRICK and benefit from high visibility and acknowledgement around Europe.

- **Networking**

New business contacts will be created thanks to the WEDISTRICK project participation with 22-partner consortium from 9 countries.



How can you join?

Send us a short description of your existing or future DHC network, including:

- its location,
- number of users connected to the network,
- the annual energy consumption,
- current equipment for heat/cold generation,
- the size of the equipment years of operation

to Maria Victoria Cambroner **mvcambroner@acciona.com**
by September 4, 2020.



WEDISTRICT

Main data

EU Funding:

14.972.852,64 €



22
Partners



9
Countries



4
Demosites



10
Technologies
developed



Start:
Oct. 2019



End:
March 2023



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