

Date	October 20, 2021
Event name	WPS 2021 – 14 th Heat Pump Symposium
Event description	The event was the -annually organized- Heat Pump symposium, organized by the Heat Pump Platform, a section of the Organisation of Sustainable Energy (ODE-WPP, https://warmtepomp.ode.be/) The theme of this years conference was: <<The heat pump is a smart and controllable device. We would like to highlight this message on 20 October during the 14th Heat Pump Symposium. After a previous digital edition, this year we would like to welcome you again physically, this time on the Van Marcke site. The heat pump can interact with other appliances in the home, can respond to dynamic prices and can be pre-programmed to produce heat or domestic hot water only at the desired time. In addition to heating, the heat pump can also cool, ensuring a pleasant temperature all year round. Therefore, our title for this year: "What can the heat pump not do?" >>
Location	The Conference took place in Kortrijk, Belgium
SolBio-Rev participants	TECHLINK
Nature of participation	Innovative 5 minute Pitch
Number of attendees	150-200
Feedback & added-value	It was clear from the reactions that the participants, which are partly industry related professionals, and partly researchers, accepted that the TRL-level was not at a point to have a full ready-to-market system. Nevertheless, the innovative technologies from SolBioRev, were regarded as potentially useful in a future energy system as they are driven by heat. Threats that were identified were: - SolBioRev system goes in competition with e.g. photovoltaic system regarding available roof area - A competing reference system is a heat pump system combined with PV-panels - Complex hydraulic integration due to the high number of components and operating modes - Biomass systems are (certainly in densely populated regions such as Flanders, Belgium) not always welcomed due to local emissions - Uncertain maintenance load

Picture(s)



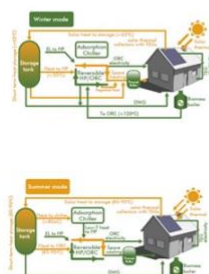
Event overview and pictures



- **Heat pump symposium**
– 20/10/2021
- **150 participants**
– Heat pump sector
 - Suppliers
 - Installers
 - Researchers
- **Organizer**
– Heat Pump Platform
– <https://warmtepomp.ode.be/>
- **SolBioRev**
– Presented in
‘5 min innovative pitch’
section



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**So[B]jo
Rev**

Solar-Biomass Reversible energy
system for covering a large share of
energy needs in buildings

WPP-symposium
Innovatieve Pitch

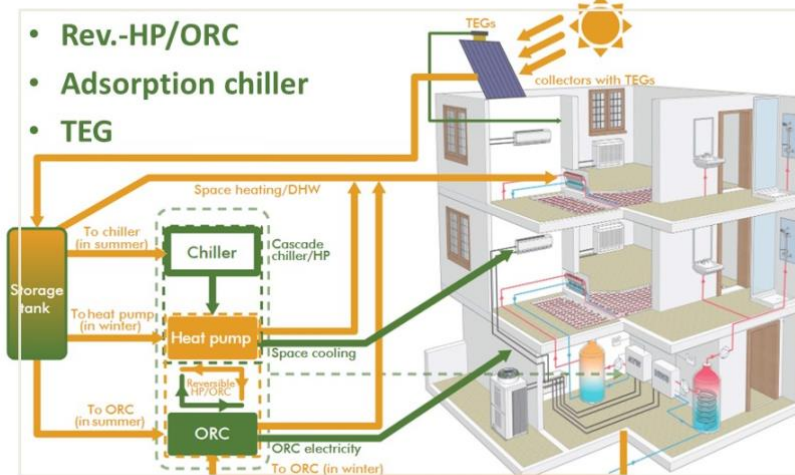
dr. ir. Maarten Sourbron
ir. Jan Caerels
ing. Kurt Van Campenhout



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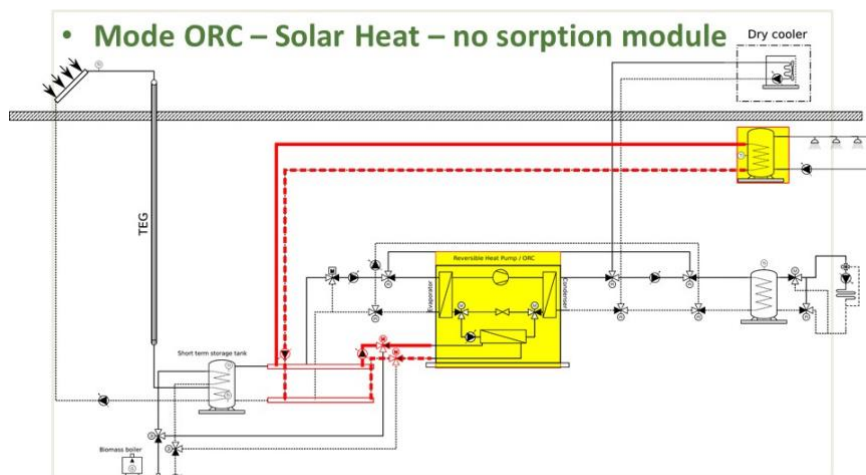


Component development



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System integration



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SolBio-Rev Communication Event report

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