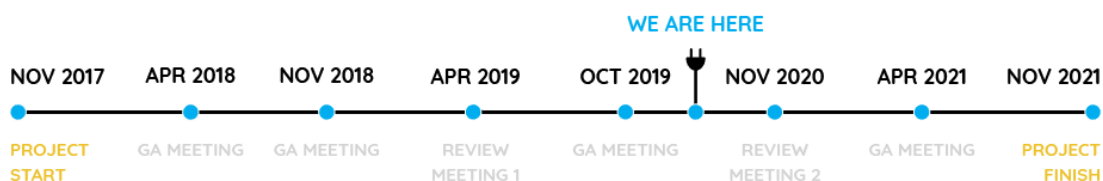


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## Project status

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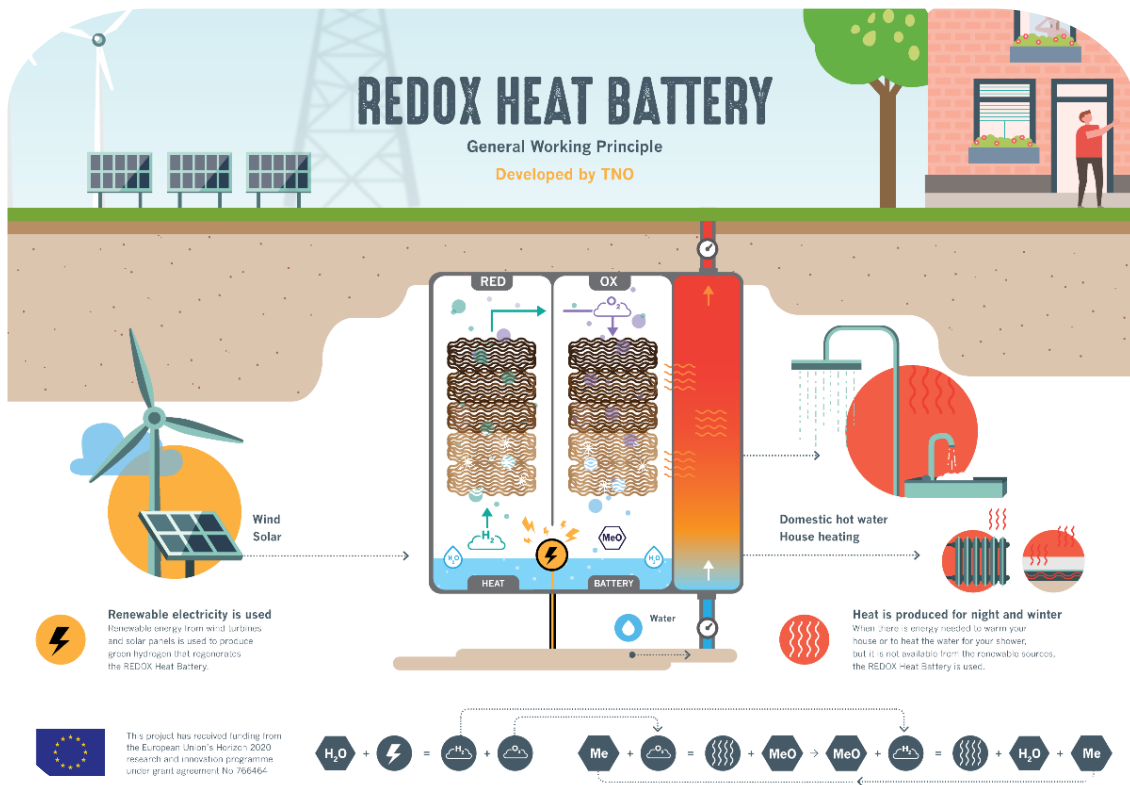
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## SCORES technologies

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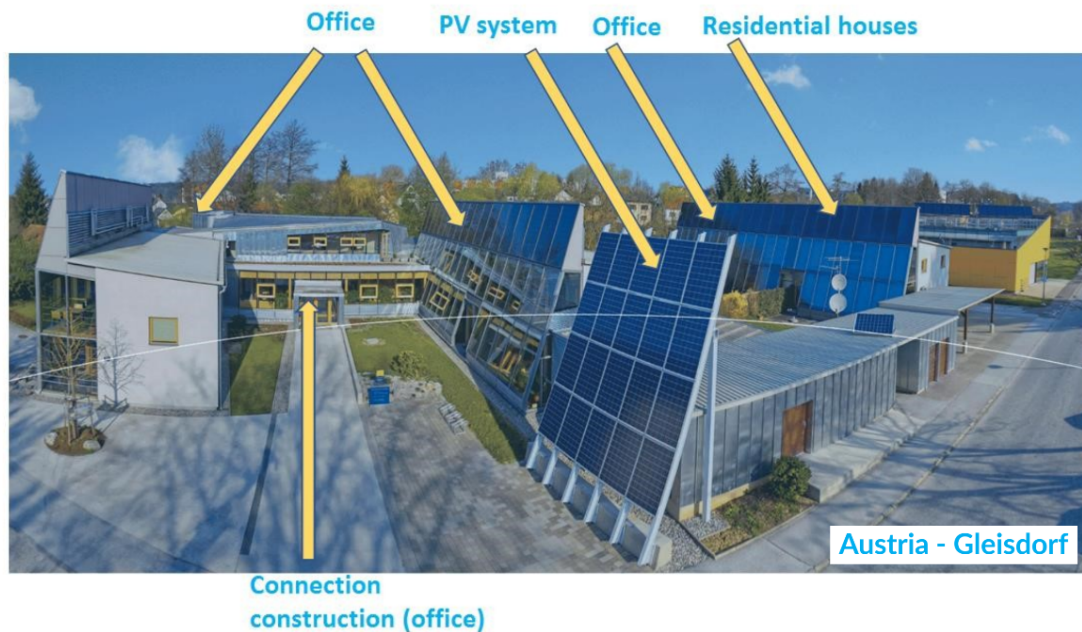
### REDOX Heat battery explained!

[TNO](#) - the project coordinator - has designed a leaflet explaining the REDOX Heat Battery principle using infographics. You can download the whole leaflet [here](#). Also check out a [section of our website](#), where you can find all available information about the REDOX Heat Battery, which is a key SCORES project technology.



## SCORES demo site update

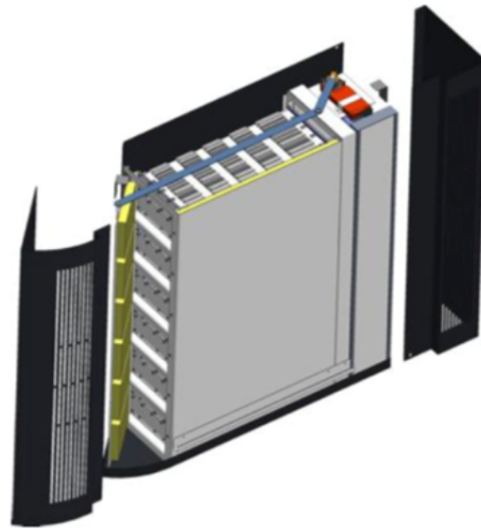
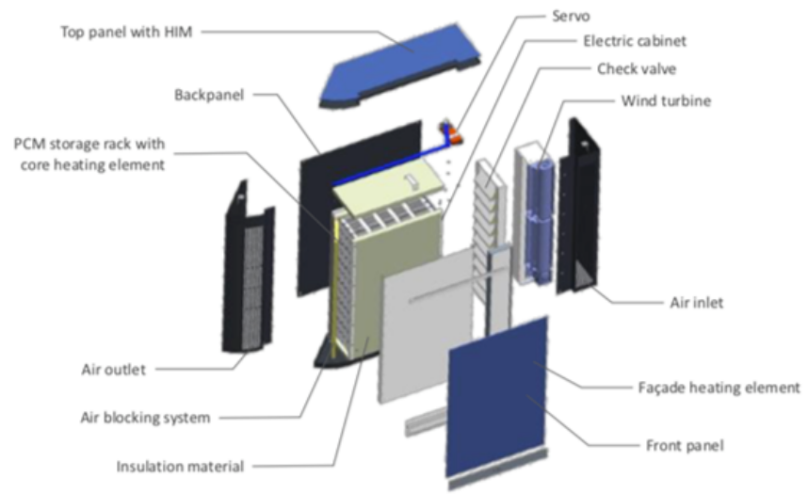
The work on the SCORES demonstration sites is underway, so we have got some update for you. Check out [our website](#), where you can find some fresh information about the demo sites in France (Agen) and Austria (Gleisdorf)!



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## EHP prototype

The **Space Heating System (SHS)** in Agen is based on **Electric Heaters with PCM (EHP)** installed in one apartment. In parallel to the SCORES space heating technologies, the existing space heating system will also be completely functional at the demo location in Agen. See below for explanation of PCM (Phase Change Material).



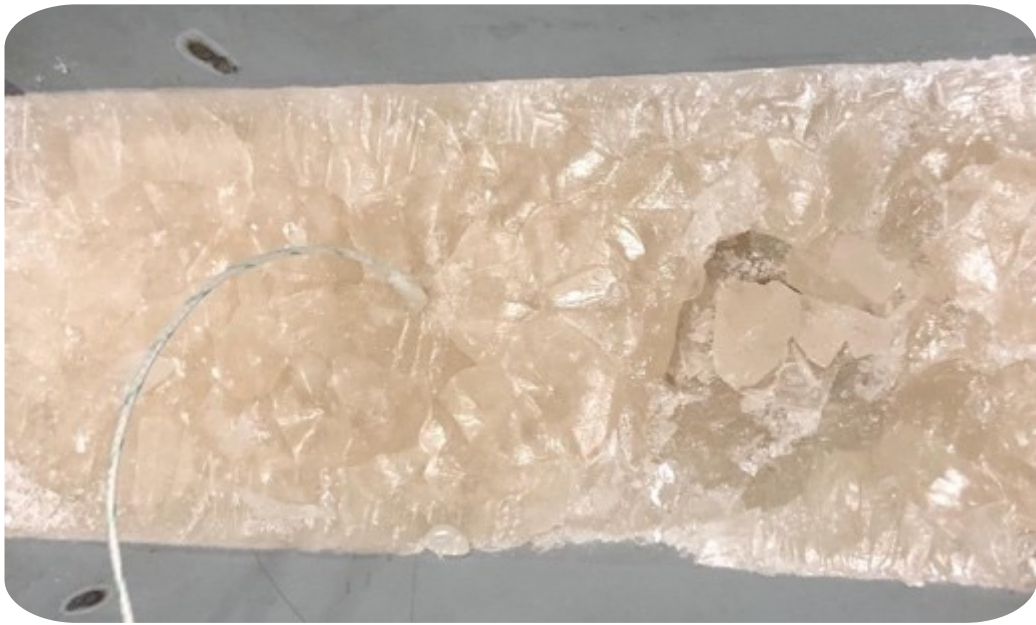
The **EHP prototypes** have already been installed on the demo site in Agen in February 2020.



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## Phase Changing Materials (PCM)

In order to achieve the more compact / reliable / efficient energy storage, various PCMs were investigated, supplied and tested. Storage performance of the PCMs were particularly studied in order to estimate the volume that is necessary to store 4kWh of heat. This is crucial as the compacity of the storage systems studied in the SCORES project is limited. PCMs from the hydrated salts and melted salts weren't chosen due to the constrains they bring regarding their corrosiveness. For reliability, availability and performance reasons, **Erythritol** was chosen. Below you can see the picture of **Erythritol** after a few melting/solidification cycles.



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## Recent events

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### Tesse2B 7th workshop



Our cluster project [TESSe2b](#) organized the 7th Workshop/B2B meeting in June 2019 and SCORES project also participated. It was another opportunity for partners to discuss and share information with the stakeholders.

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### EU Sustainable energy week 2019

SCORES was presented at the [EUSEW 2019](#) conference that took place in June 2019 in Brussels, Belgium. Our partner [RINA-C](#) presented SCORES at their stand to the representatives of R&D in the EU and to industrial and European representatives.



## General Assembly meeting in Hague



Our GA meeting took place in The Hague, the Netherlands from 8th to 10th October 2019.

Check out the photos from the meeting in the [photo gallery!](#)

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## THERMOSS workshop Brussels

SCORES was presented by Luis Coelho from the [Instituto Politécnico de Setúbal](#) at the [THERMOSS project](#) public workshop that was held in February 2020 in Brussels, Belgium.

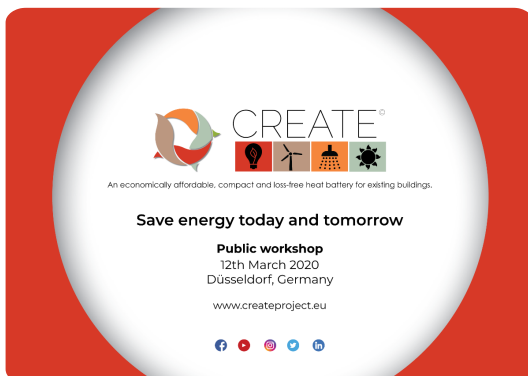


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## Planned events

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### CREATE project workshop at the ESE Fair in Düsseldorf



SCORES should have been presented at our cluster [CREATE project](#) workshop "Save energy today and tomorrow" in March 2020 in Düsseldorf organized within the [Energy Storage Europe 2020 expo](#). However, due to the coronavirus outbreak, the fair has been postponed. The substitute date has not been decided yet.

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# Joint workshop within Sustainable Places Conference 2020

SCORES will be a part of a cluster workshop “Renewable Heating and Cooling Solutions for Buildings and Industry” that will take place at the [Sustainable Places 2020](#) in Aix-les-Bains, France. Sustainable Places is Europe’s #1 destination for dissemination of research, collaboration, networking and the creation of market opportunities. The original date of the Conference was June 3 - 5th 2020 but the whole event is postponed due to the coronavirus and a new date has been set to **October 28 - 30th 2020**.



The banner features the Sustainable Places 2020 logo on the left, with the dates ~~June 3-5, 2020~~ and **October 28-30** and the location Aix-les-Bains, France. It includes logos for the European Commission and Horizon 2020. On the right is the RHC (Renewable Heating & Cooling) logo, part of the European Technology and Innovation Platform. A central yellow bar reads "WORKSHOP ON RENEWABLE HEATING AND COOLING SOLUTIONS FOR BUILDINGS AND INDUSTRY". Below this are logos for various partners: HYBUILD, SWS heating, InnovamicroSOLAR, So[B]o Rev, SunHorizon, SCORES, CREATE, TRI-HP PROJECT, hycool, HEAT-COOL, SHIP2FAIR, and GEOFIT.



A row of logos for partner organizations: TNO innovation for life, EDF, CAMPA LES RADIATEURS D'EXCEPTION, SIEMENS, KONIG METALL, AEE INTEC, RINA, Stadtwerke GLEISDORF, FENIK.TNT, IPS Instituto Politécnico de Setúbal, heliopac, and FORSEE POWER.



Horizon 2020  
European Union Funding  
for Research & Innovation

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