

EUED Tech 2 project

Heat Pump Fully Integrated with Thermochemical Store (HP-FITS)

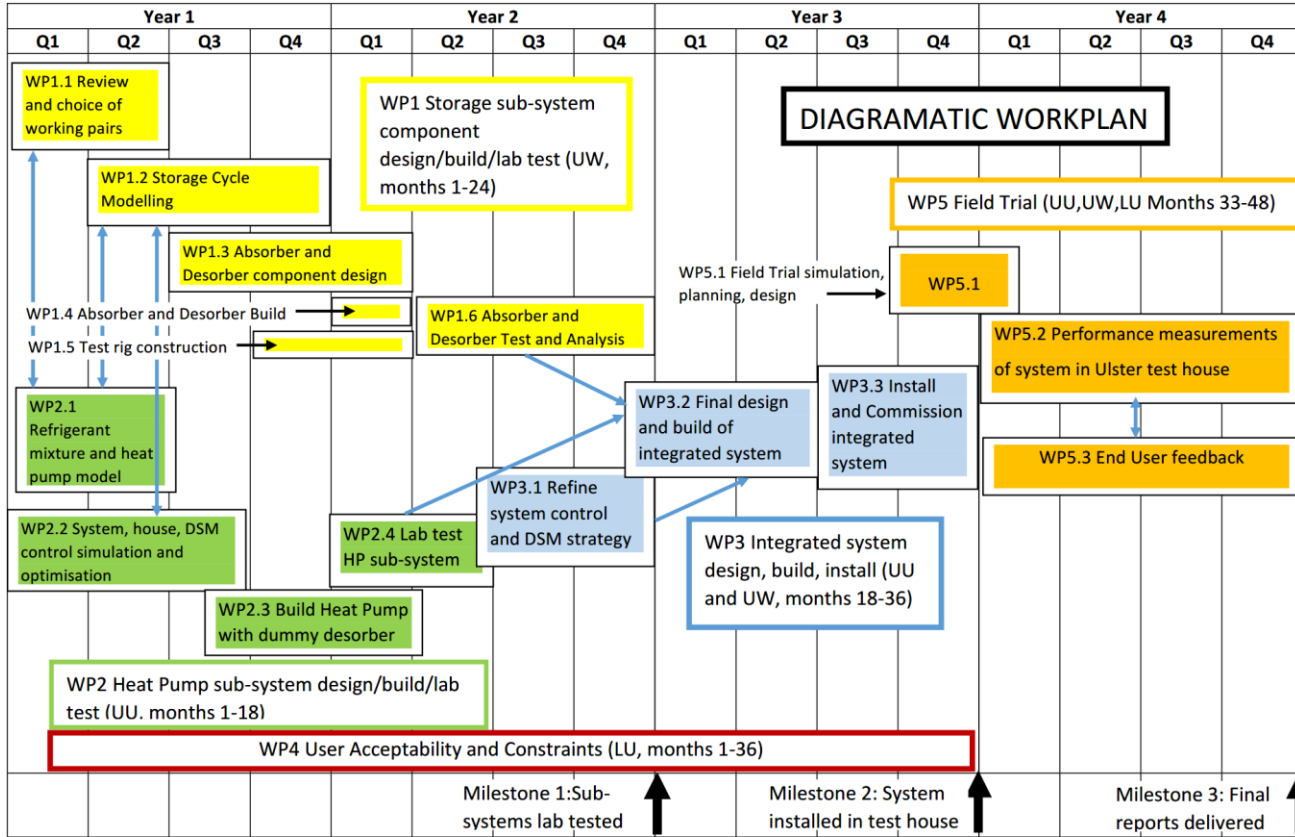
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Neil Hewitt (UU)

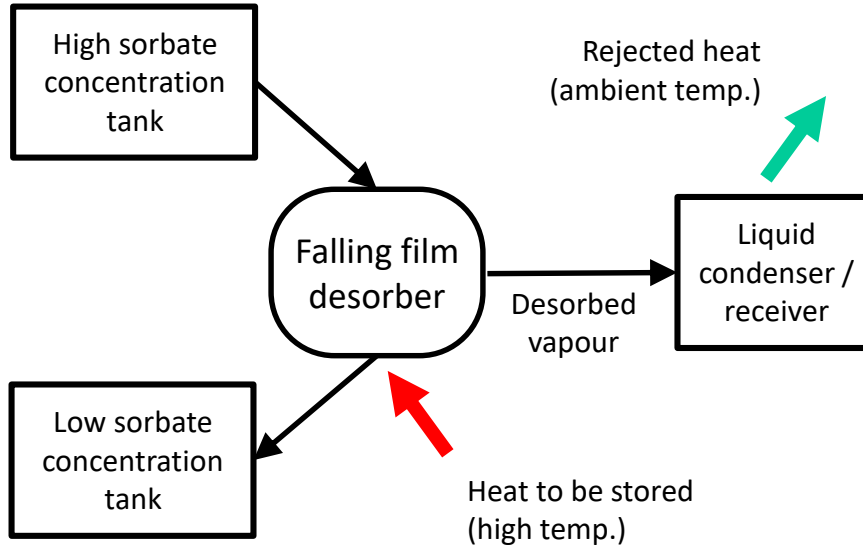
Aim is to establish the technical feasibility of an integrated electric heat pump and Thermochemical (TC) heat store that can have an invaluable Demand Side Management (DSM) role within a future electricity production and supply network that is characterised by intermittent renewable supplies.

Start date: 01/10/20

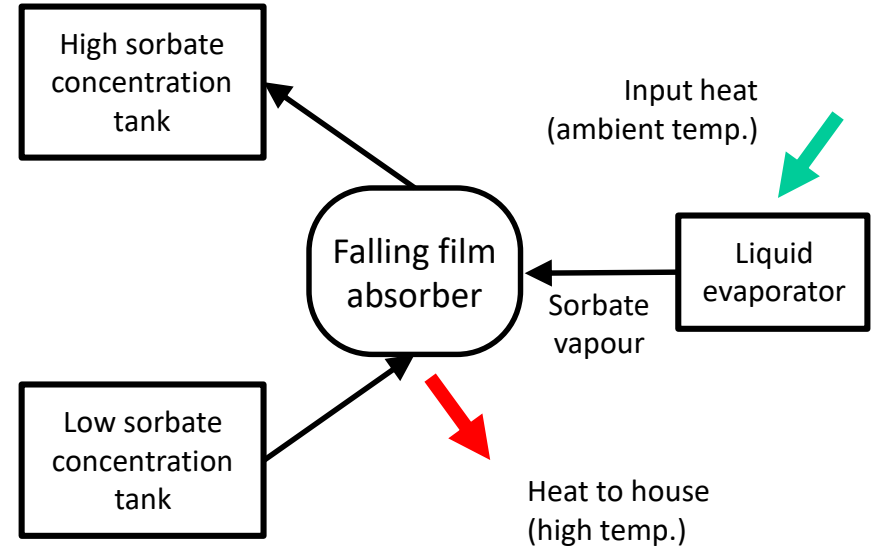
Duration: 4 years

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Charging the simple absorption store, flow from high to low concentration tank



Discharging the simple absorption store, flow from low to high concentration tank



User interaction (Loughborough University)

WP4: User Acceptability and Constraints

WP4.1: It will consider possible user interactions with the technology and potential constraints, based on previous work, to inform the design and development of the system as it progresses.

WP5: Field trial

WP5.3: End User feedback will be gathered from the occupants of the Ulster test house to determine the acceptability of the installed system, identify areas where improvements to the design of the system or interface are needed and co-design possible solutions to enhance the user experience.



Thank you!

Questions??