



The Innovation Hub

for Affordable Heating and Cooling

Lesson Learnt Report

LLHC1 Healthcare Sector Wide

May 2022

QUEENSLAND UNIVERSITY OF TECHNOLOGY



## About i-Hub

The Innovation Hub for Affordable Heating and Cooling (i-Hub) is an initiative led by the Australian Institute of Refrigeration, Air Conditioning and Heating (AIRAH) in conjunction with CSIRO, Queensland University of Technology (QUT), the University of Melbourne and the University of Wollongong and supported by Australian Renewable Energy Agency (ARENA) to facilitate the heating, ventilation, air conditioning and refrigeration (HVAC&R) industry's transition to a low emissions future, stimulate jobs growth, and showcase HVAC&R innovation in buildings.

The objective of i-Hub is to support the broader HVAC&R industry with knowledge dissemination, skills-development and capacity-building. By facilitating a collaborative approach to innovation, i-Hub brings together leading universities, researchers, consultants, building owners and equipment manufacturers to create a connected research and development community in Australia.

**This Project received funding from ARENA as part of ARENA's Advancing Renewables Program. The views expressed herein are not necessarily the views of the Australian Government, and the Australian Government does not accept responsibility for any information or advice contained herein.**



ARENA



Primary Project Partner



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## The i-Hub Initiatives



**SMART BUILDING  
DATA CLEARING HOUSE**



**LIVING LABORATORIES -  
GREEN PROVING GROUNDS**



**INTEGRATED  
DESIGN STUDIOS**



## i-Hub Lessons Learnt Report

### Guidance notes for completion of the Lessons Learnt Report:

- This report is intended to be made public.
- Please use plain English, minimise jargon or unnecessary technical terms.
- Please use your organisation's branding for the report.
- The report should meet your organisation's publishing standards.
- Please use one template per each major lesson learnt and include as many as are relevant for your sub-Project. If what you learnt is more technical, this is the section to include technical information.
- The content of these Lessons Learnt Reports can be compiled (and updated, where necessary) for inclusion in the (public) Project Knowledge Sharing Report, for submission at the completion of your sub-Project.

Lead organisation	Queensland University of Technology		
Sub-Project number	LLHC1		
Sub-Project commencement date	01/07/2019	Completion date	30/06/2022
Report date	30 May 2022		
Contact name	Wendy Miller		
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## Lessons learnt

Lesson learnt #1    There is a strong appetite for collaboration in the healthcare sector						
<b>Category</b>	Other: All					
<i>Choose from:</i>	<i>Technical</i>	<i>Commercial</i>	<i>Social</i>	<i>Regulatory</i>	<i>Logistical</i>	<i>Other (specify)</i>
Describe what you learnt about this aspect of the Project.						
<p>This project demonstrated that there is a strong appetite for collaboration in the healthcare sector. Different organisations have targets for net zero emissions and renewable energy deployment, yet their activities (with regard to energy efficiency, reduction in carbon emissions, demand management, renewable energy deployment) are often undertaken within their own organisational context as demonstrated by the general disconnect between the work of ARENA, AIRAH, AHIA, DEA, AMA, NABERS etc. When provided with a vehicle for collaboration, it is very welcomed. Stronger coordination and collaboration between these sectors could fast track the goals that each are seeking to achieve.</p>						
Please describe what you would do differently next time and how this would help. What are the implications for future Projects?						
<p>There is a need for a national vehicle to lead and coordinate the healthcare industry's transition to a net zero carbon and 100% renewable energy future. Further details of this recommendation can be found in the LLHC1 Knowledge Sharing Report.</p>						
If your Project learnings have identified any knowledge gaps that need to be filled, please state it below.						
Empty space for knowledge gaps						
Please include any other information you feel is relevant or helpful in sharing the knowledge you learnt through this stage of the Project. This may be qualitative or quantitative and may include a graph, chart, infographic or table as appropriate.						
Empty space for additional information						