



The PRIME iHub News



Newsletter #7, January, 2019

Onwards to March 2019

Dear iHub supporters,

Happy new year. It promises to be a very exciting one, with our ARENA funding submission progressing now to the final phase of approvals.

The iHub team submitted the revised "stage 1" proposal in November, and then pitched it to the ARENA Advisory Panel on Wednesday, December 5. We have since been provided with positive feedback from the committee, and we now expect the proposal to progress to the next full ARENA Board meeting for approval in March.

This is very good news!

In the meantime, we will be developing our work plans and governance structures further so we can hit the ground running for a possible mid-year launch.

We would like to thank all our supporters, in particular those that have contributed to the stage 1 proposal including:

| Stakeholder Sector | Entities | Role in the Proposal |
|---|--|---|
| Property Owners | <ul style="list-style-type: none"> • ACT Government • Bolton Clarke • Cromwell • CSIRO • ICD Property • Lady Cilento Hospital • NSW Government • Secom • Warrigal | <p>Property owners will provide locations where emerging technology can be trialled (<i>Living Laboratories</i>), in order to demonstrate energy savings, peak demand savings and demand response capability.</p> <p>They will contribute data to the <i>Buildings to Grid Data Clearing House</i>.</p> <p>They will collaborate with consultants (engineers and architects), academics and students to shape the design of next generation zero energy buildings (<i>Integrated Design Studios</i>).</p> <p>These entities cover a number of major building typologies (Health Care, Schools, Office) representing over 40% of commercial and institutional building carbon emissions.</p> |
| Consultants | <ul style="list-style-type: none"> • ARUP • Atelier10 • Aurecon • Grimshaw Architects • Steensen Varming | <p>Design consultants will collaborate with academia and property owners to investigate alternative building designs and HVAC systems through <i>Integrated Design Studios</i></p> |
| Product Suppliers | <ul style="list-style-type: none"> • Aeris • Airsmart • CSR | <p>Product suppliers and manufacturers will validate their products in the <i>Living Laboratories</i>, in order to accelerate adoption. Many other such companies have expressed their desire to use the Living Laboratories infrastructure once it is operational</p> |
| Building Sensors, Data and Automation Companies | <ul style="list-style-type: none"> • AirconOff • Buildings Evolved • Ecocentric • Electronics by Design • IGTS • Steinel • Switch Automation • Synengco | <p>Building intelligence and automation companies will both utilise the <i>Buildings-to-Grid Data Clearing House</i> to access data for developing more sophisticated analytics and demand response control strategies. New paradigm IoT sensor companies will supply the <i>Buildings-to-Grid Data Clearing House</i> with additional more-granular data necessary for engaging stakeholders in demand response.</p> |
| Universities and CSIRO | <ul style="list-style-type: none"> • CSIRO • Queensland University of Tech • University of Melbourne • University of Wollongong | <p>The research sector will lead the Core Activities and provide research services to industry and government members</p> |

We will keep you updated throughout the next phases in 2019.



Global Cooling Prize

AIRAH and CSIRO are a major supporter of the Global Cooling Prize – [click here](#) to see the opportunities for iHub supporters to be involved with this exciting initiative.

The committee is currently accepting applications for innovative cooling solutions that can provide access to cooling for communities around the world. If you have an idea for a residential cooling technology with at least five times less climate impact, at no more than two times the cost of a standard room air conditioning unit in operation today, please [register here](#) to submit your idea as soon as possible!

Webinars: “How to apply for the Global Cooling Prize”

These webinars will describe the Global Cooling Prize application process and timeline. Each webinar will consist of a brief presentation from the prize administrators followed by a Q&A session. We encourage all individuals interested in applying for the prize to attend a webinar.

[How to Apply to the Global Cooling Prize – Offering 1](#)
Wednesday, January 23, 4–5am AEDT

[How to Apply to the Global Cooling Prize – Offering 2](#)
Wednesday, January 23, 5.30–6.30pm AEDT

[Global Cooling Prize: Understanding the Technical Criteria for Winning the Challenge – Offering 1](#)
Thursday, February 21, 4–5am AEDT

[Global Cooling Prize: Understanding the Technical Criteria for Winning the Challenge – Offering 2](#)
Friday, February 22, 5.30–6.30pm AEDT

Regards,

Tony Gleeson, M.AIRAH
Chief Executive



Thank you to all our supporters

| | | |
|---------------------------|-----------------------|--------------------------|
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| AIR SMART | Ecoheat | Melbourne University |
| AIRAH | EDQ – Queensland | Northern Territory |
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| Aldi (WM) | Ellex (FB) | NSW OEH – NABERS |
| Arup | ERM (WM) – Energy | OARIO Alliance |
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| Australian Capital | Fourth Element | Seeley International |
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| Association | Glaciem | Stockland Corporation |
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| Cromwell | IESTEC | University of Technology |
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| Direct Energy Australia | KADOR Group | Warrigal – Aged Care |
| | Lady Cilento Hospital | ZEN Ecosystems |

Interested in being a founding member of iHub? Please contact Tony Gleeson, M.AIRAH at tony.gleeson@airah.org.au or Dr Stephen White, F.AIRAH at Stephen.D.White@csiro.au.



PRIME
For the future



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