

The international Mission IC#7 “Affordable Heating and Cooling” Innovation-Challenge member countries held its first expert workshop in Abu Dhabi over November 1–2, to further define the priorities. Australia was well represented, with six delegates attending (at various points) including Stephen White, Paul Cooper and Ken Guthrie.

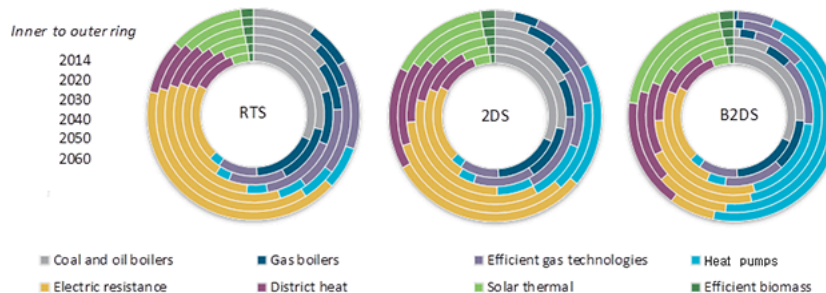
Australia has been chosen to lead the “Predictive Maintenance and Control Optimisation” priority area internationally. After two days of deliberations, initial collaboration opportunities are starting to form with international partners. These opportunities have high alignment with our Australian *i*-Hub workplans, and enable us to access additional resources. For example, separate but linked, we heard from the Rocky Mountains Institute, which is offering a grand prize of \$3 million for a next-gen air conditioner. Links also exist into the Breakthrough Energy Coalition www.b-t.energy/.

Across a range of recent international meetings, it's clear that the statistics regarding air conditioning growth, and its likely impact on world energy consumption and emissions is now grabbing political attention.

Transitioning to a low-carbon buildings sector



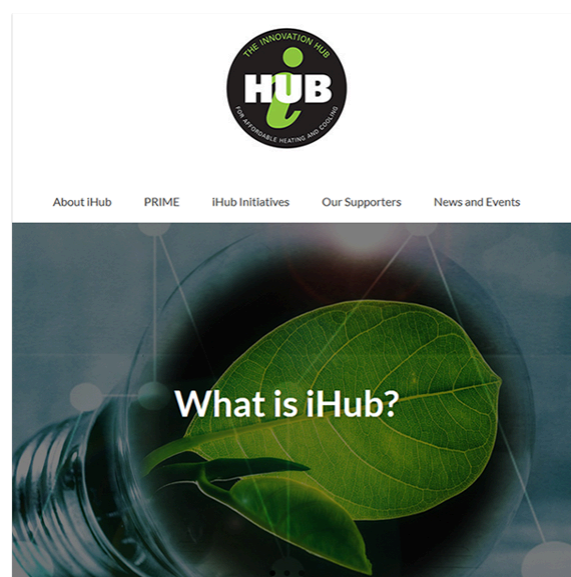
Evolution of heating equipment in buildings to 2060



The B2DS represents a strategic shift away from fossil fuel equipment to high-efficiency and renewable technologies, such as heat pumps, solar thermal and modern district energy.

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Website



We've just launched our new-look website. Enjoy at www.ihub.org.au.

Draft proposal submission

Thanks to everyone who has sent us letters of support and pledges of resource contributions. The draft proposal has been submitted and we are meeting with ARENA in early December for further discussions. From there, we should hear of an intention to fund early in the new year.

So, if you're keen to secure your spot in the *i*-Hub, now's a good time to make contact and see how it can work for your business!

Tony Gleeson, M.AIRAH
Chief Executive
AIRAH

Well it's been a frenetic ride over the past few months, pulling together the “Affordable Heating and Cooling Innovation Hub” (*i*-Hub) initiative. We now have an Expression of Interest stage proposal to help deliver on our collective PRIME roadmap agenda.

So, it is surely time to give you an update on progress.

Please make contact with us if any of the developments listed below are of interest to your company. There is still time to come on board as a member, and benefit from all the resources and growth opportunities that will come from this national collaboration.

We understand that the HVAC&R industry is diverse. So, based on your previous feedback, we have divided up different activities and membership packages to suit each segment of the industry. Hopefully we've got something that will suit your needs.

And, of course, if this newsletter is not your thing, then feel free to unsubscribe.

Building Commissioning

AIRAH and Standards Australia are continuing to drive the PRIME priority project focusing on Building Commissioning.

The proposal to have Building Commissioning called up the National Construction Code was unsuccessful, so Standards Australia, through its new Innovation Incubator, will be facilitating a Design Thinking workshop to find smart solutions for issues connected to Building Commissioning in Australia.

The aim of the Design Thinking workshop will be to step back and look at the problem relating to building commissioning from a user perspective. Working in groups, attendees will be asked to hack a number of potential solutions that would offer maximum benefit/impact for stakeholders in this space.

This PRIME project is a collaboration between AIRAH, AMCA, NEBB and CIBSE.

Residential Air Conditioning standard

The Australian Institute of Refrigeration, Air Conditioning and Heating (AIRAH) and Standards Australia released for public comment a draft version of DR AS/NZS 5141: 201X, *Residential climate control systems – Minimum applications and requirements for energy efficiency, performance and comfort criteria*.

The standard sets out the requirements for the design, selection, installation, commissioning and maintenance of residential climate control heating, cooling and air conditioning systems.

Maximising the energy efficiency of these systems was a key consideration by the committee, as well as the safety and comfort of building occupants.

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