

**MEDIA RELEASE**

**BCA SETS UP A NATIONAL REPOSITORY OF GREEN TECHNOLOGY FOR BUILDINGS**

- *The National Building Energy Efficiency Repository is a platform for companies to share their latest green building technology with building owners, professionals, researchers and policymakers*
- *Building owners and professionals can access or submit important data about the technology such as energy savings and performance*
- *The Repository will foster closer collaborations among and within the industry and the research community with the ease of sharing of data and ideas for improvement for a greener built environment in Singapore*

**Singapore, 20 September 2016** – By 2017, the Building and Construction Authority will introduce a Repository for technology companies in Singapore to share and promote their latest green building products. Named the National Green Building Energy Efficiency Repository (“Repository”), it will enable building owners, professionals, researchers and policy makers to browse, access, and even submit as well as share the available data of these products so that informed decisions and assessments can be made about them.

2. The Repository is the latest initiative that the BCA has introduced to foster closer collaborations and sharing of data about green building technology among and within the industry, building owners, developers and the research community.

3. The objective is for building owners and developers to consider the adoption of even more green building technologies for their developments and provide a friendly platform for technology companies to promote their products with useful, validated data about their energy performance and conservation. Building owners and developers can also contact these companies through contact details listed in the Repository for further discussions about their products.

4. In turn, building owners and developers who have installed these products in their developments can also share by submitting relevant data about their buildings' energy performance to this Repository. Researchers and policymakers can use the data to perform detailed analysis or further tests that may result in improvements on the technology or fine-tuning of policies that improve the sustainability of the built environment.

5. Commenting about the setting up of the Repository, BCA Chief Executive Officer Dr. John Keung said, "The basic premise of this Repository is not just to share ideas and data but also foster closer collaborations and create opportunities for the building owners, professionals, technology companies and researchers to work together to turn ideas into technologies and products that provide solutions to problems. By pulling and sharing data from all places, we get a better idea of how these green building technologies and products work and people can make better decisions, backed up by validated data and analysed, on what technology works best in their developments.

6. "The Repository will help us meet our goal of accelerating the development, introduction and adoption of promising energy-efficient technologies for Singapore's built environment. With this innovative platform for sharing of useful data that facilitate closer collaboration and exchange of data as well as ideas, it moves us another step closer to achieving our target of greening 80% of our entire building stock by 2030," Dr. Keung added.

7. The main features of the Repository include:

a. Technology directory with comprehensive information of energy-efficient technologies that are available

b. Projects map which shows the locations of where the technologies are being tested as well as government-funded research projects – related to energy efficiency of buildings – are being conducted

c. Decision-making tools to help building owners, developers and consultants to make informed decisions for their selection of the new energy-efficiency technologies

d. Building performance database with detailed reports and analysis of the historical building energy performance data

8. A web-based prototype (<http://bca-web-uat.azurewebsites.net/Home/Index>) is currently under development (see attached example in Annex) and will be available by the first half of 2017 for testing with new features introduced gradually. The BCA has appointed Hitachi Asia Ltd. to conduct a comprehensive requirement study with potential users and design a user-centric platform for the Repository.

9. The Repository is part of the key initiatives under the Green Buildings Innovation Cluster (GBIC) rolled out by BCA in September 2014. GBIC is supported by National Research Foundation funding as a one-stop integrated Research, Development and Demonstration hub to experiment, exhibit, and exchange knowledge of promising building energy efficient solutions.

10. Companies, building owners and professionals, as well as members of the research community can contact the BCA at [jin\\_guang\\_yu@bca.gov.sg](mailto:jin_guang_yu@bca.gov.sg) & +65 6730 4435 if they are interested in participating, accessing the Repository or being kept informed of the Repository's latest updates.

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**About Building and Construction Authority**

The Building and Construction Authority (BCA) of Singapore champions the development of an excellent built environment for Singapore. BCA's mission is to shape a safe, high quality, sustainable and friendly built environment, as these are four key elements where BCA has a significant influence. In doing so, it aims to differentiate Singapore's built environment from those of other cities and contribute to a better quality of life for everyone in Singapore. Hence, its vision is to have "a future-ready built environment for Singapore". Together with its education arm, the BCA Academy, BCA works closely with its industry partners to develop skills and expertise that help shape a future-ready built environment for Singapore. For more information, visit [www.bca.gov.sg](http://www.bca.gov.sg).