Singapore Urban Challenges 2018

25-29 June 2018
Nanyang Technological University - NTU
Singapore

CHALLENGE #3

NTU ECOCAMPUS: REDUCTION IN WATER AND WASTE INTENSITY & HIGHER RENEWAL ENERGY ADOPTION

Have you developed an innovative solution meeting the above challenge?

NTU EcoCampus, a flagship program for one of the world’s leading technological universities, and the Smart City World Labs consortium invite you to apply for the first Singapore Urban Challenges initiated by Climate-KIC.

Three selected solution providers will be invited for a 4-day workshop in Singapore* with participation of NTU EcoCampus, local venture capitalists, as well as industry and university experts. Leading up to the workshop, a team of business developers from the Technical University of Denmark (DTU) will support your company in getting ready for the Asian market. After the workshop, Smart City World Labs will support with development of implementation roadmaps.

Information and application

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DEADLINE FOR SUBMISSION OF APPLICATIONS: 2 APRIL 2018
APPLY ONLINE: https://www.f6s.com/smartcityworldlabs2018/apply

* A grant for travel and hotel expenses will be provided for the three selected solution providers.
2020 Goals – current situation:

<table>
<thead>
<tr>
<th>Our sustainability pillars</th>
<th>Top material issues</th>
<th>Goal 2020 (baseline 2011)</th>
<th>FY15 progress</th>
<th>FY16 progress</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Greenhouse Gas Emissions</td>
<td>36% reduction in CO2 and GHG emissions intensity (per sq m)</td>
<td>19% reduction</td>
<td>29% reduction</td>
</tr>
<tr>
<td></td>
<td>Energy</td>
<td>36% reduction in energy intensity (per sq m)</td>
<td>5% reduction</td>
<td>17% reduction</td>
</tr>
<tr>
<td></td>
<td>Water</td>
<td>25% reduction in water consumption intensity (per sq m)</td>
<td>1% reduction</td>
<td>18% reduction</td>
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<tr>
<td></td>
<td>Waste Intensity</td>
<td>36% reduction in waste generation intensity (municipal solid waste) (per capita)</td>
<td>22% reduction</td>
<td>14% reduction</td>
</tr>
</tbody>
</table>

What's in it for you?

Opportunity to find out if your solution is suited for the Asian market and team up with key local players.

A fast-rising university, NTU Singapore is ranked 11th globally and has been named the world’s top young university for the last four years running. The EcoCampus Initiative is a S$20 million project which aims to be the leading example for high impact energy efficiency and sustainability for urban developments in Singapore and beyond. This is done in partnership with industry partners who can commercialise and accelerate the adoption rate of these technologies. By transforming the campus into a living laboratory, the EcoCampus programme enables test bedding of the latest technologies for energy efficiency and sustainability.

Solutions to the challenges must be at technology readiness level (TRL) 4-5, at which NTU researchers can be engaged to increase the TRL, however more mature technologies that need to be adapted to tropical climate/cultural differences are also highly welcomed. In any given opportunity where the Nordic solution is suitable for the EcoCampus Programme, direct collaboration and engagement with the solution provider can be investigated on.

For more information on NTU’s 2020 Sustainability Goals and the EcoCampus Programme please see the NTU Sustainability Report FY16: http://ecocampus.ntu.edu.sg/Pages/Publications.aspx

Interested solutions providers are encouraged to visit the websites of relevant Singapore Government authorities:

- Public Utilities Board (Water) – www.pub.gov.sg

- SAVE THE DATE ! -

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in the premises of NTU, Singapore