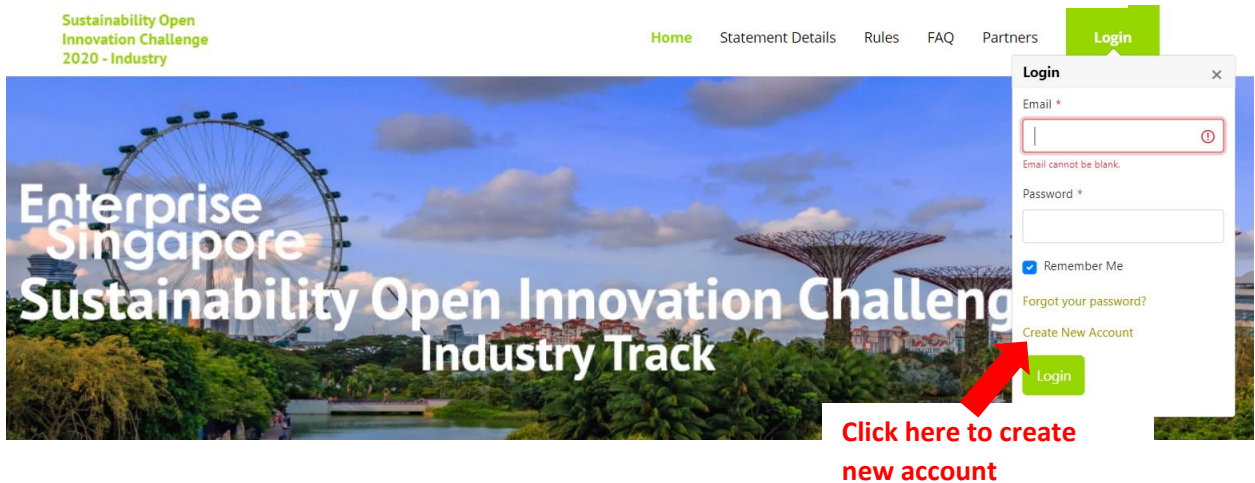
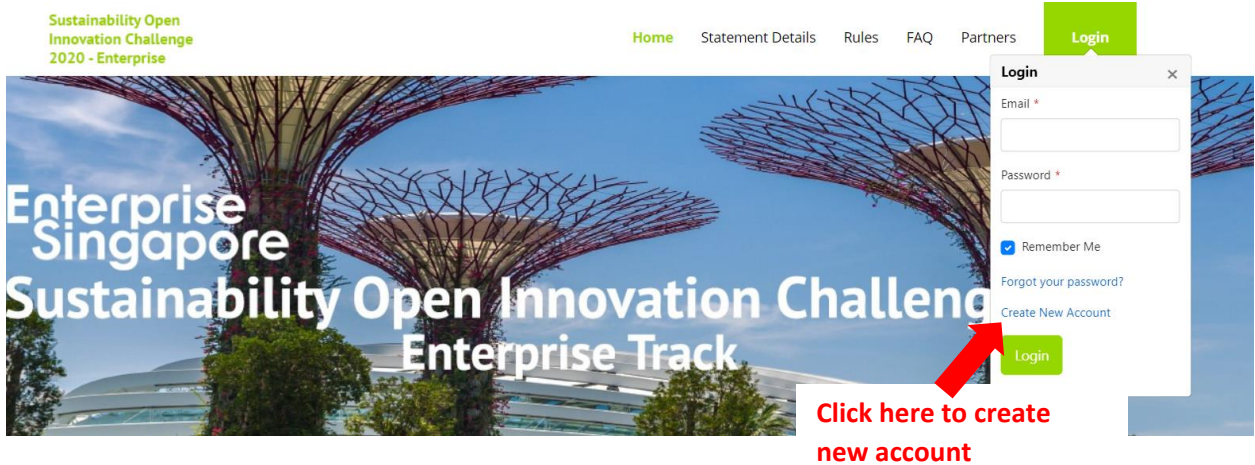


Submission of Proposal for Sustainability Open Innovation Challenge 2020

1. In order to submit proposal, solution providers will be first required to create an account at either the **enterprise or industry track**. If you have already done so, please move to point 5.



2. You will be redirected to a registration page. Please fill in the necessary details, particularly those required with an asterisk (*)

Registration

Items marked with an asterisk (*) are mandatory

Email *

Business Mobile Number *

If you are outside Singapore, please include your IDD code and Area code(eg +1-555-123-4567)

Salutation *

Select one

First Name * Last Name *

Company *

Designation *

Company Website

Provide the website URL (including https:// or http://) of your company if any.

Primary Industry *
Select one

Location *
Select one


Area(s) of Interest
Select Options

Password *
[Input Field]

Confirm Password *
[Input Field]

Subscribe to TechAlerts and IPI Newsletters

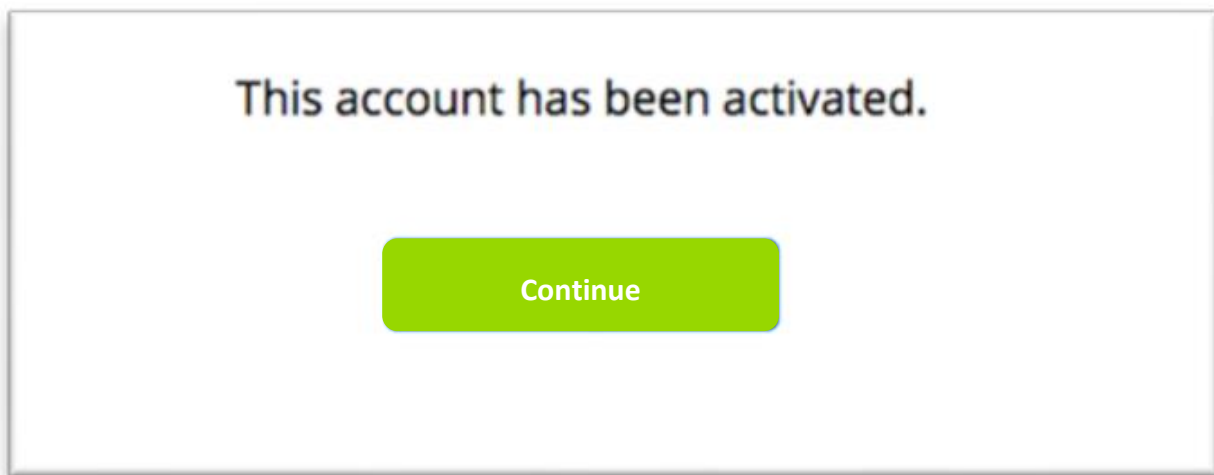
I have read and agree to abide by the Terms of use and IPI's Privacy Policy

I'm not a robot  reCAPTCHA
Privacy - Terms

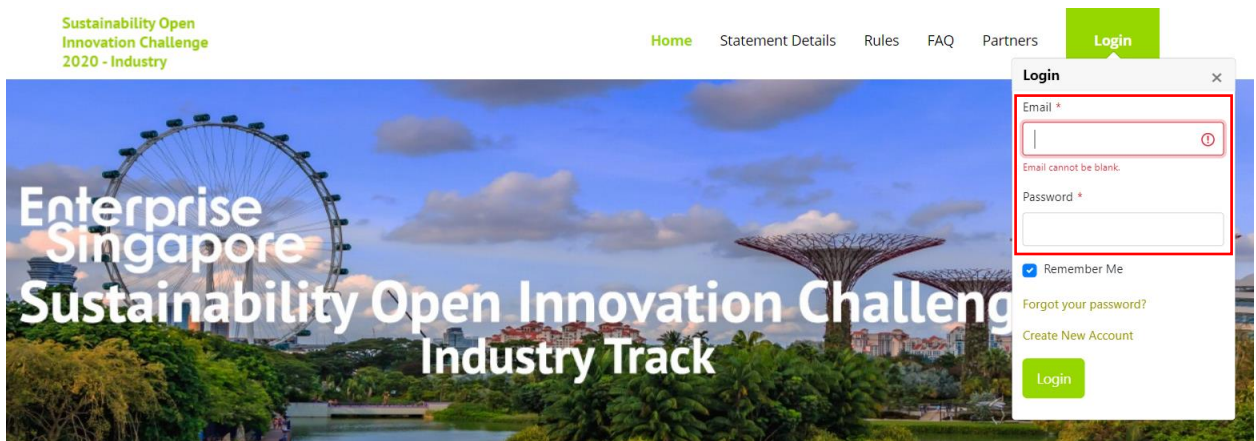
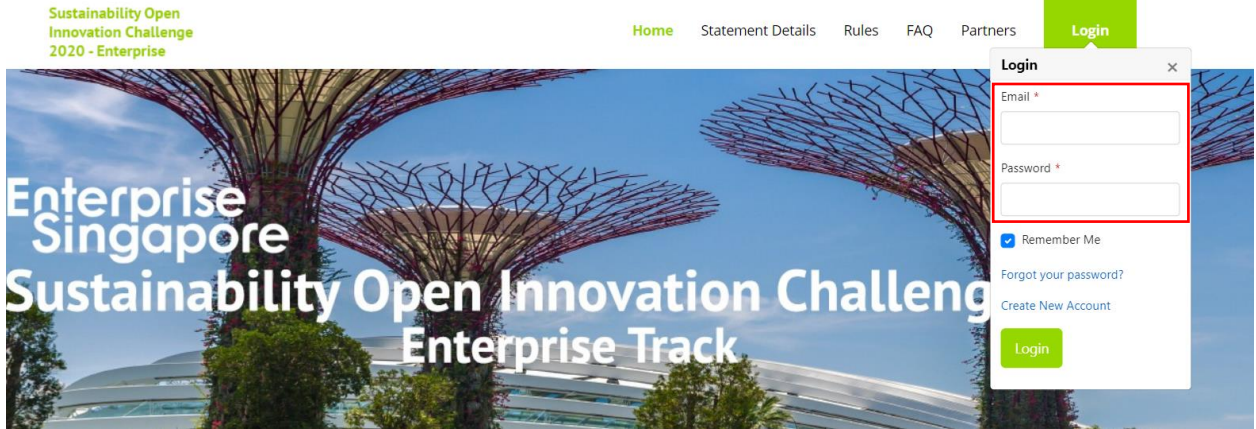


Please ensure that you have read and agree to the Terms of Use and IPI's Private Policy. Click "Register"

3. Upon registering, a popup window will require you to insert a verification code sent to your registered email to activate the account. The email will be titled "Account Activation – Verification Code"
4. On successful registration, a notice will indicate that the account has been activated.



5. Login to your newly registered account under the "login" tab



6. To submit challenge proposal:

Challenge Introduction
Please click on each of the Challenge Statements below to view the details. You may submit your proposals after the briefing sessions. You will have up to 19 February 12:00pm (Singapore time, GMT +8) to submit your proposals. Please use the provided proposal submission form to submit your proposals.

Problem Statement
Please click on the challenge(s) below to view the details and submit your application.

Organisation:

Challenge Start Date
24 Nov 2020 10:00 AM (GMT +8)

Challenge Closing Date
19 Feb 2021 12:00 PM (GMT +8)

Attachment

Sustainability Challenge Application Form _Nov 2019_11.pptx	43.07 KB
Application form to request for grant support_11.docx	27.41 KB

Download all

Problem Statement 1: Seeking solutions to improve accessibility and overcome infrastructural limitations for businesses to operate in remote areas. (Sentosa Development Corporation)

Problem Statement 2: Drink responsibly - without waste. (Mandai Park Holding)

Problem Statement 3: Technologies to support expansion of solar sharing system among farmers in Japan. (ENEOS Holdings, Inc.)

(1) Click the "Challenge Details"

(2) Select relevant problem statement

7. Refer to the relevant document(s) needed. Please prepare proposal submission according to the template given in “Sustainability Challenge Application Form_nov2019_11”.

DRINK RESPONSIBLY - WITHOUT WASTE

Details

Background

Sustainability is always one of the core values of Wildlife Reserves Singapore (WRS) and they are looking at how to encourage visitors to the park gear towards sustainable purchasing and behaviour. WRS has decided to seek solution on how to create a water/ flavoured drink dispenser that enables reusable cup dispensing which is safe (hygienic and sterile) for visitor to use and have reusable cup return functions.

Visitors to WRS parks who did not bring along a water container is not able to get a drink from the water dispensers. As such, the visitors would have to purchase either a new reusable water bottle or a disposable carton water.

With the above solution, WRS would be able to reduce environmental footprint and resources needed to manufacture a new reusable bottle or a disposable carton. The solution could be deployed at existing controlled entry and exit points at the parks to allow visitors to borrow and return cups conveniently through the vending/ reverse-vending machines.

No reusable solutions have been trialled at this point. Generally, the concerns are that the reusable cup returned by guests would have scratches and/or physical defects, that may prove difficult for some guests to accept. There are also hygiene concerns on whether the returned cups can be adequately cleaned for safe reuse.

Requirements

- The vending/ reverse vending machine should have a size measuring similar to that of a conventional vending machine, e.g. 72"H x 39"W x 33"D. Some of the machines will be deployed at semi-outdoor environment and should be weather resistant, i.e. a minimum dust/water ingress protection rating of IP34. The refrigeration temperature should be maintained at 4°C or below. Each machine should have a minimum capacity to collect at least 3,600 returned cups each month, with collected cups being removed every 2-3 days.

Challenge
Sustainability Open Innovation Challenge - Enterprise

Organisation
Mandai Park Holding

[Submit Proposal](#)

↓

When the proposal is ready for submission, click “Submit Proposal”

8. You will be re-directed to a page called “Proposal Submission”.

Proposal Submission

Title *

Organisation *

Employment Size *

Select One



Company UEN (Search UEN)

Latest Annual Turnover (SGD) *

Nature of Business

Select One

Location of Global HQ

Summary

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Documents* (Please submit the completed [proposal template](#))



Fill in the relevant details and upload the completed proposal template as mentioned in point 7

Back

Save Draft

Submit

9. Click **“Submit”**. Please note that all submitted proposals are final.