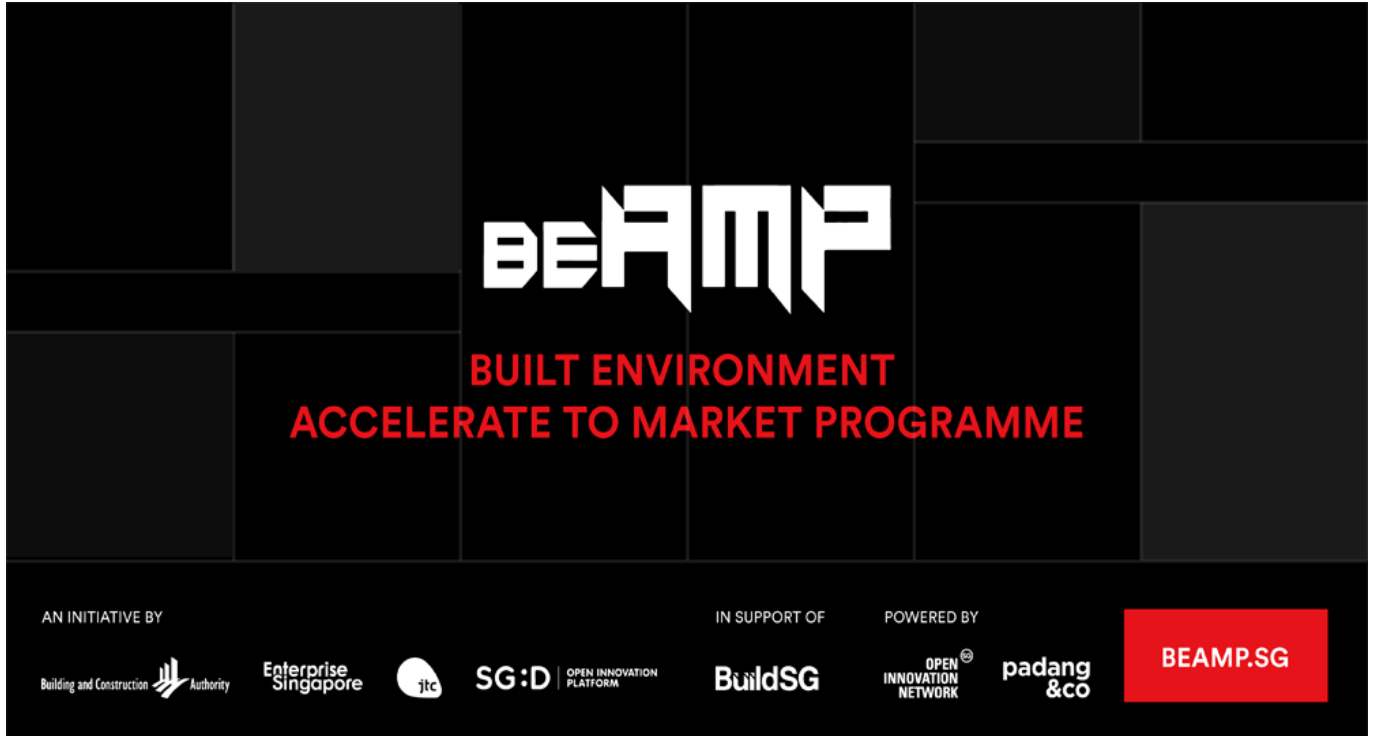


TECH NEED

Built Environment Accelerate To Market Programme (Beamp)



KEY INFORMATION

TECHNOLOGY CATEGORY:

- Infocomm - Video/Image Analysis & Computer Vision
- Infocomm - Big Data, Data Analytics, Data Mining & Data Visualisation
- Manufacturing - Additive Manufacturing
- Infocomm - Robotics & Automation
- Infocomm - Data Processing
- Logistics - Inventory Management

TECHNOLOGY READINESS LEVEL (TRL): **TRL3 TO TRL7**

COUNTRY: **SINGAPORE**

ID NUMBER: **TN174339**

BACKGROUND/DESCRIPTION

The Built Environment Accelerate to Market Programme (BEAMP) is a multi-agency initiative designed to build a vibrant innovation ecosystem for the Built Environment sector. In support of BuildSG, BEAMP is an initiative by Building and Construction Authority, Enterprise Singapore, JTC and the Open Innovation Platform, together with programme partner, Padang & Co.

Over two iterations last year, BEAMP has created a platform for innovators and Built Environment industry players to collaborate and solve key challenges through accelerated product and market development.

BEAMP returns this year to discover new solutions and expand on the Built Environment sector's potential for disruptive innovation. If you have an innovative solution that can aid the transformation of the sector, this is an opportunity for you to receive test-bedding opportunities with industry players, be mentored by experts, and also secure a funded pilot!

TECHNOLOGY SPECIFICATION

Each BEAMP cycle begins with the launch of industry challenge statements to invite solutions. Info Sessions are planned accordingly to allow innovators the opportunity to better understand the needs of industry stakeholders and for industry stakeholders to assess capabilities of potential innovators and their ideas.

There are two tracks of development, depending on both the tech maturity of the solution and assessment by the evaluation panel.

If the solution requires further prototyping development, they start at the Accelerate Solution Development (ASD) stage. After completing the ASD stage for about 3-6 months, they may proceed to the subsequent next stage Market Development (MD) stage for piloting and test-bedding. Alternatively, if your solution is ready to be deployed and piloted, awarded innovators can start straight at the MD stage which will take place over 12 months.

The following challenge area are:

- Advanced Design and Fabrication
- Automation and Robotics for Construction
- Building Inspection, Maintenance and Facility Management
- Digital Asset Delivery and Management

Additional Info

Register for any of the Q&A Sessions (19, 21, 26 and 28 January): These Q&A Sessions are designed as important primers for participants, where they will learn more about the challenge statements.

Participants may officially enter the challenge by making a submission by Friday, 5 March 2021, 2359hrs, (UTC+8).

Further Details

More details of the challenge, including eligibility criteria, challenge statement details, challenge timeline, application process and challenge price can be found by clicking the "Proceed to Details" access link found at the bottom page of this Techneeds.

PREFERRED BUSINESS MODEL

- Others