

Strategic Technology and Innovation Management Programme 2018

Capturing Value from 3D Printing Technology through Sustainable Business Models

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This research proposes a practical framework to explore how sustainability concerns could be embedded into the implementation of 3D printing technology and to help companies capture value through sustainable business models.

Progress

- A sustainable 3D printing technology implementation framework.
- Guidance on using 3D printing technology to capture value through sustainable business models.

Aims

- Identify the sustainability implications of 3D printing technologies.
- Better understand the strength and weakness of 3D printing technologies.
- Develop the task-oriented implementation strategy to capture sustainable value.

Industrial Engagement

- Companies are encouraged to share experiences of capturing value through sustainable business models.
- Companies are encouraged to provide practical feedback and input for using the framework to ensure its relevance and user friendliness.

Deliverables

The 3D printing technology implementation framework towards sustainability

