

2018 Strategic Technology & Innovation Management Programme

Digitalisation of STM Toolkits

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Industrial / managerial need addressed

The potential to achieve efficient and effective strategic technology management (STM) making use of digital support where appropriate.

Expected deliverables

- Map of key STM objectives, the processes used to achieve these, the challenges encountered and the extent of digital support in use in different contexts.
- List of trade-offs which may need to be evaluated in different contexts when considering digital support for efficient and effective STM.

Engagement opportunities

Interviews with personnel responsible for strategic technology management (including CTOs, R&D Managers, Engineering and Innovation leads) - to understand key STM objectives, processes used and any challenges currently encountered. This will provide an anonymised summary **benchmarking map** from different perspectives.

2 pilot trials to investigate digital support for specific strategic technology management activities with facilitation support provided. These trials will deliver useful STM activities and outputs for the companies involved, and participants will be requested to provide reflective feedback on the utility of the digital intervention. The trials may be used to compare digital and non-digital activities, or to explore a new STM activity enabled by digital support.

Approach

