IfM MANAGEMENT TECHNOLOGY POLICY

UNIVERSITY OF CAMBRIDGE

Strategic **T**echnology and **I**nnovation **M**anagement Programme

Scalable toolkit platform

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When considering the potential uptake and utilisation of management tools, it must be recognised that companies face the difficult challenges of selecting, adopting and integrating appropriate individual tools into a consolidated toolkit. This situation is compounded by the lack of sound guidance on integrating well-founded individual tools into a robust toolkit, which has the necessary degree of flexibility such that they can be tailored for application to specific problems faced by individual organisations. To address such issues, this research project has generated a scalable toolkit platform to enable the development and deployment of coherent tool sets.

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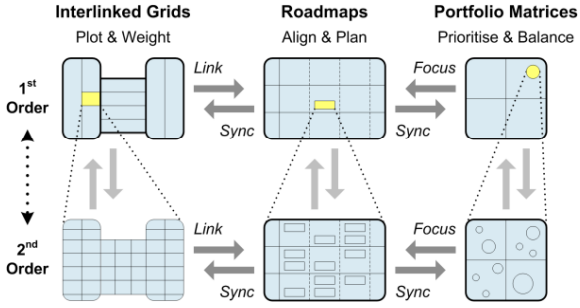
Aims

The aim was to develop a platform to support the design of management toolkits – thus, enabling their development and deployment in industrial settings. The project followed two concurrent research paths:

(i) A theoretical exploration of possible and meaningful tool arrangement combinations and their associated sequencing permutations;

(ii) A practical series of toolkit prototyping engagements with STIM industrial partners to pilot a toolkit design approach.



The platform is based on a minimum core set of management tools (roadmaps, portfolio matrices, linkage grids) that form the fundamental building blocks for a conceptual vision of a 'universal toolkit' (which would address a wide range of strategic planning, technology management and innovation activities).

Progress

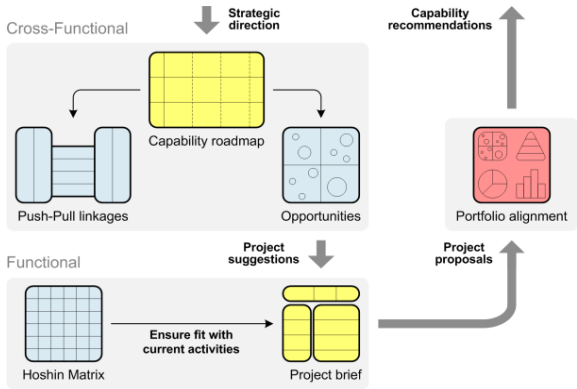
- Mapped possible tool combinations and permutations.
- Explored 'selective' combination sets for potentially useful toolkit typologies.
- Derived sequence pathways between the tools for workshop deployment.
- Toolkit prototyping engagements conducted with industry.

Deliverables

Two different forms of deliverables were produced through this research project, namely:

(i) Workshops to design and configure specific toolkits for STIM industrial partners;

(ii) Final project report outlining toolkit configurations appropriate for workshop deployment.



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