

Strategic Technology and Innovation Management Programme 2018

Business-aligned technology strategy

Dr Imoh Ilevbare
imi22@cam.ac.uk

Technology managers are often faced with the need to make strategic decisions on what technologies they should invest in and how they should be managed, individually and as a portfolio. It is important for these decisions to be made within the wider context of business's overall strategy.



Aim

To test a modular (and customisable) approach to Technology Strategy through engagement with STIM member companies.

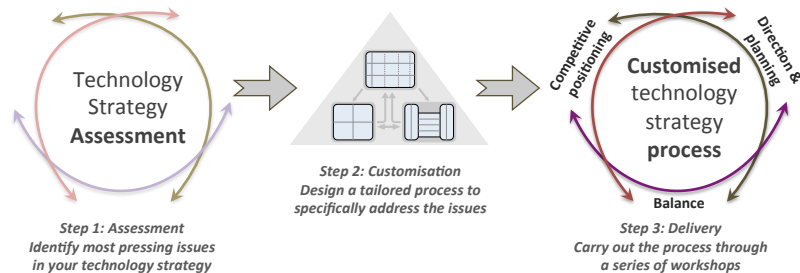
The modules are meant to address (using the scalable toolkit platform concept) specific issues within technology strategy in alignment with product/process innovation and business objectives.

Technology strategy modules dependency matrix	1. Identifying/understanding future customer needs	2. Trends & drivers analysis	3. Technology emergence & disruption understanding	4. Core technology/competence assessment	5. Identifying priority technologies (portfolio selection)	6. Portfolio balancing & alignment
1. Identifying/understanding future customer needs	○					
2. Trends & drivers analysis		○				
3. Technology emergence & disruption understanding			○			
4. Core technology/competence assessment				○		
5. Identifying priority technologies (portfolio selection)					○	
6. Portfolio balancing & alignment						○

Deliverables

The intended outcomes:

- A modular and agile approach to technology strategy
- Practical support to STIM member companies.



Further work/engagement

This project will be extended into the 2018 programme to give opportunity for existing and new company interests in testing the approach to be further explored and advanced.