

Strategic Technology and Innovation Management Programme 2015

Supply chain collaboration

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Companies can find it difficult to express technology competencies whilst maintaining confidentiality, therefore limiting their ability to leverage technology competencies externally.

Aims

To develop and test an identification, valuation and communication framework to aid exploiting inter-organisational technology competencies whilst still protecting the confidentiality of source technologies.

Progress

Initially proposed framework categories were created through guidance gained from literature and practitioner interviews.

Framework categories were then shared and sense checked in a cross company STIM workshop.

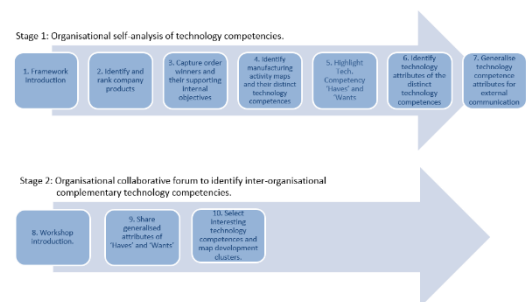
Additional needs were inputted into a draft two stage process with information captured via further practitioner interviews.

The draft process was then modified and simplified following another cross company STIM workshop.

Deliverables

A guidance list looking at enablers and barriers to external collaborative new product and process development.

A preliminary 2-stage framework to initially identify and value technology competencies in individual organisation's, followed by externally matching complementary competencies.



Future research

To validate the proposed framework through continued trialling and modifications.

Trialling to be based on six separate companies undertaking the first part of the framework to identify, value and communicate inter-organizational technology competencies. This process will then be mirrored with a partner of their choosing before sharing the outputs in an open collaborative setting to identify areas of collaborative new product and process development interests.