



Strategic Technology and Innovation Management Programme 2017

## Improving Innovation Project Portfolio Management in Technology-Intensive Firms

Nitish Gupta ng372@cam.ac.uk In both theory and practice, portfolio management capability has been positively linked with business performance of a firm. However, managers often face challenges in making portfolio management more effective.

An integrated diagnostic portfolio management framework is developed, and a self-assessment tool underpinning the framework is piloted.

This project is aligned with ongoing PhD research study.



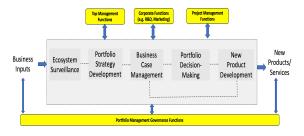
- Review state of portfolio management practice and challenges
- Develop an integrated framework that can be used to identify strengths and weaknesses of portfolio management processes (and associated practices)

## **Progress**

- A total of 9 case studies and 2 focus groups on portfolio management in technology-intensive firms are conducted.
- The framework is currently being tested by using it as an diagnostic aid for portfolio management processes
- The tool for self-assessment of portfolio management practices is also being piloted.
- Next step develop an integrated toolkit for portfolio management (based on the framework)

## **Deliverables**

 An integrated diagnostic portfolio management framework

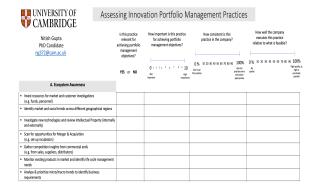


"This framework gives opportunities to us to think about how to make links between business and R&D activities"

"Your template fully include important factors in appropriate depth to be considered in R&D activities"

- General Manager of R&D, a global high-tech firm, Asia (feedback given after using the tool)

 A template-based tool for selfassessment of portfolio management practices (a part of the template is given below)



Do a quick health check of portfolio management capability of your firm!

