

Technology Roadmapping

An Overview for MAA Thrust Area Work Groups

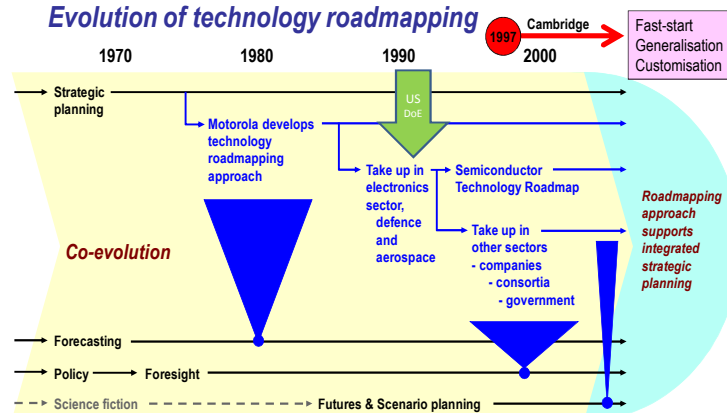
Apr. 2013



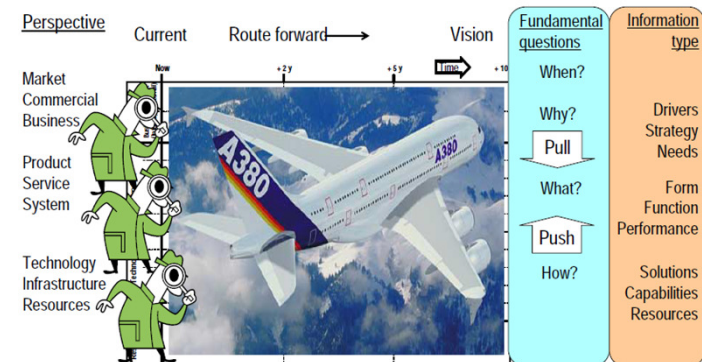
Technology Roadmapping

- What is it...
- How would you develop it...
- How would you use it...

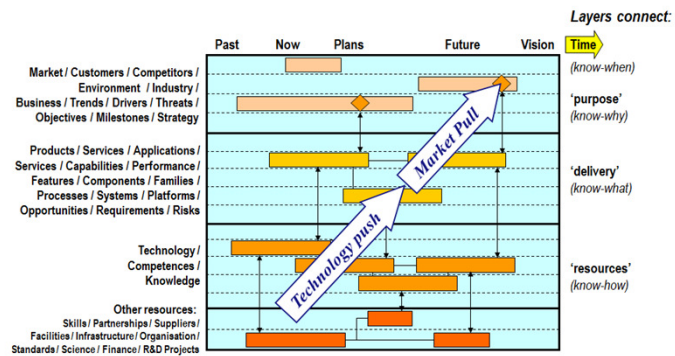
Evolution of technology roadmapping



Roadmaps Combine Multiple Perspectives



Generic roadmap - links resources to objectives



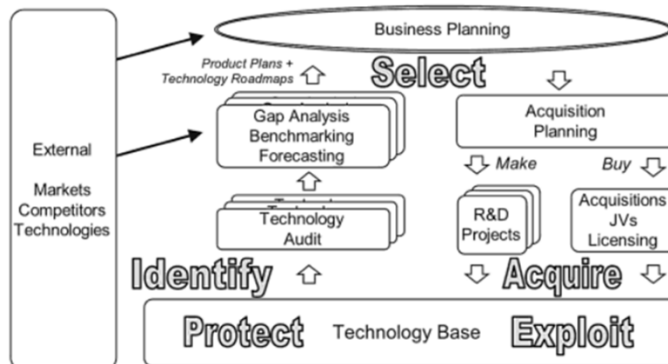
Source: Probert et al.



Institute for Manufacturing

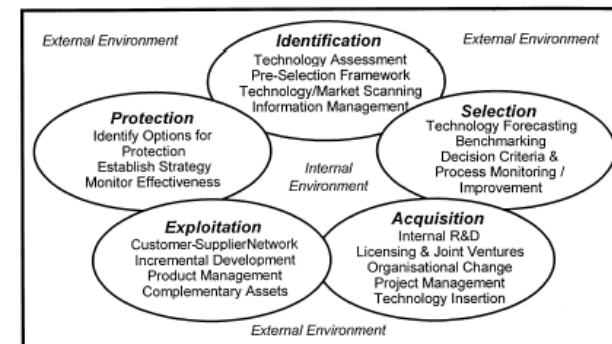


The Institute for Manufacturing (IfM) provides a unique environment for the creation and sharing of new ideas and approaches to modern industrial practice.



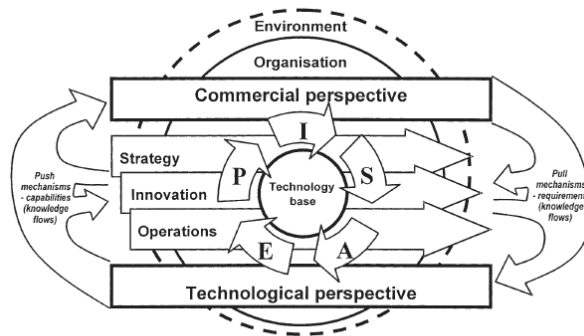
Source: Probert et al.

ISAEF Framework for Technology Management



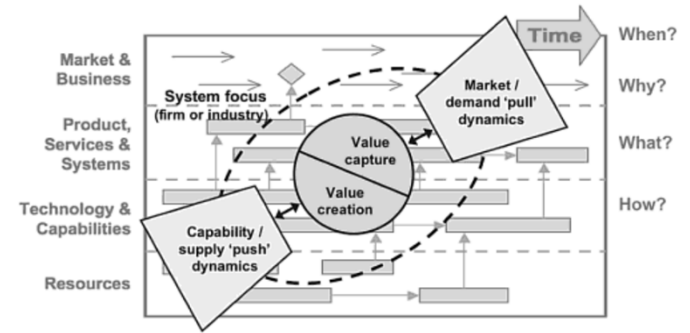
Source: Probert et al.

Technology Roadmapping – Technology Management

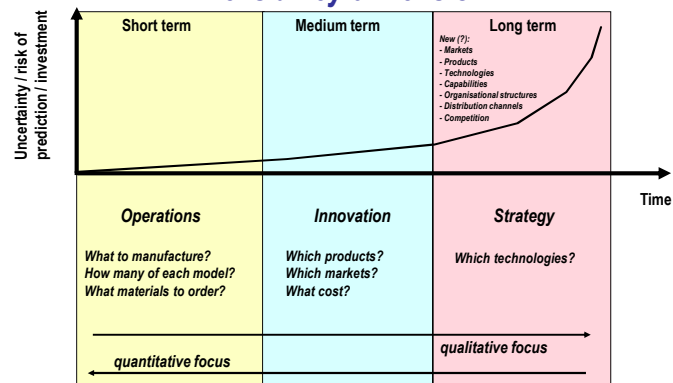


Key (technology management processes)
I = Identification, S = Selection, A = Acquisition, E = Exploitation, P = Protection

Source: Probert et al.



Time is a key dimension...



Source: Phaai 2007



