

INCOSE Canada Chapter is grateful to

COLONEL (RET'D) BOB GUNN

for providing the slides which accompanied his presentation on

PROCUREMENT IN DND

at the INCOSE Canada Chapter's mini-conference

***Systems Engineering Principles Transcend all Domains Focusing on the
Value of System Engineering in Delivering Large Complex Systems***

Saturday Sept.28, 2013
Ottawa, Ontario.

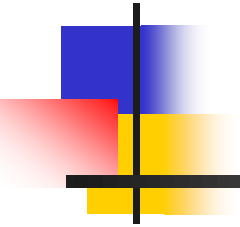
This file available at: <http://incosecanada.weebly.com>



Procurement in DND

Some Observations by Bob

Working Defence Procurement





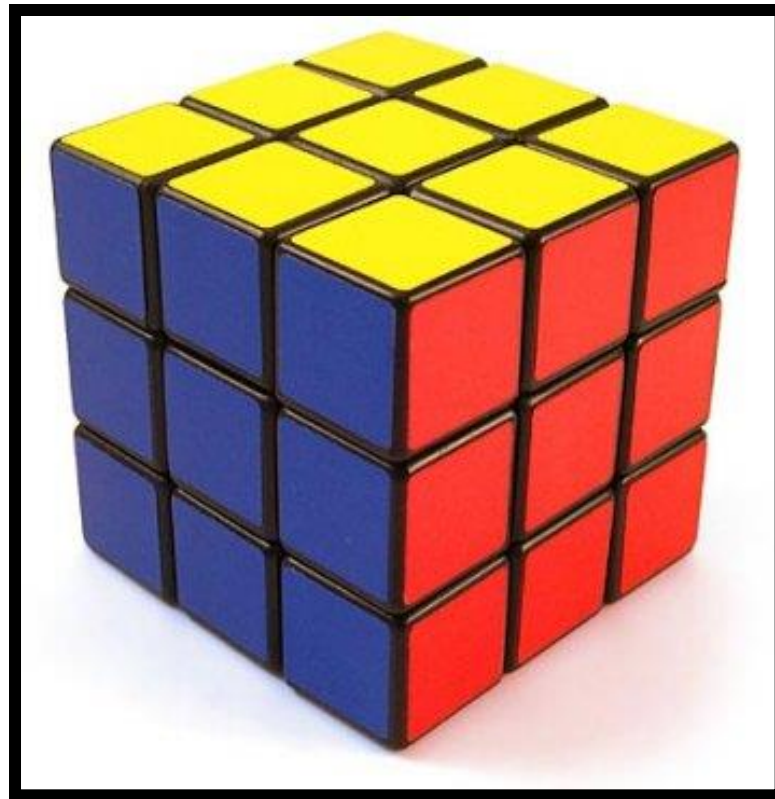
Procurement in DND



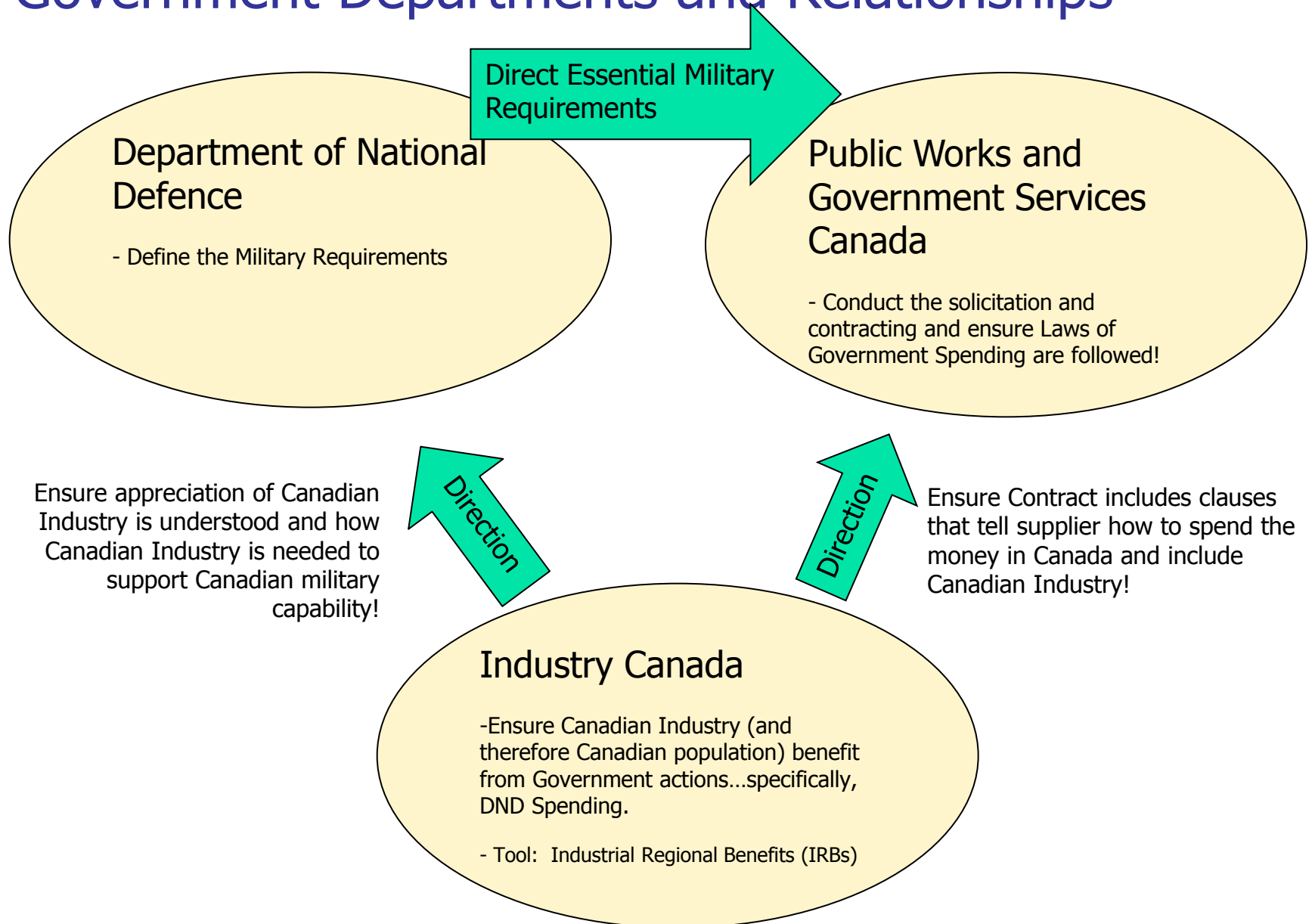
Is it a Wicked Problem?

- Requirements volatile
- Constraints ever changing
- Stakeholders resistance
- Target moving
- Time and effort spent with little to show
- Process re-engineering involved
- Solutions have consequences

What Colour is the Cube?



Government Departments and Relationships



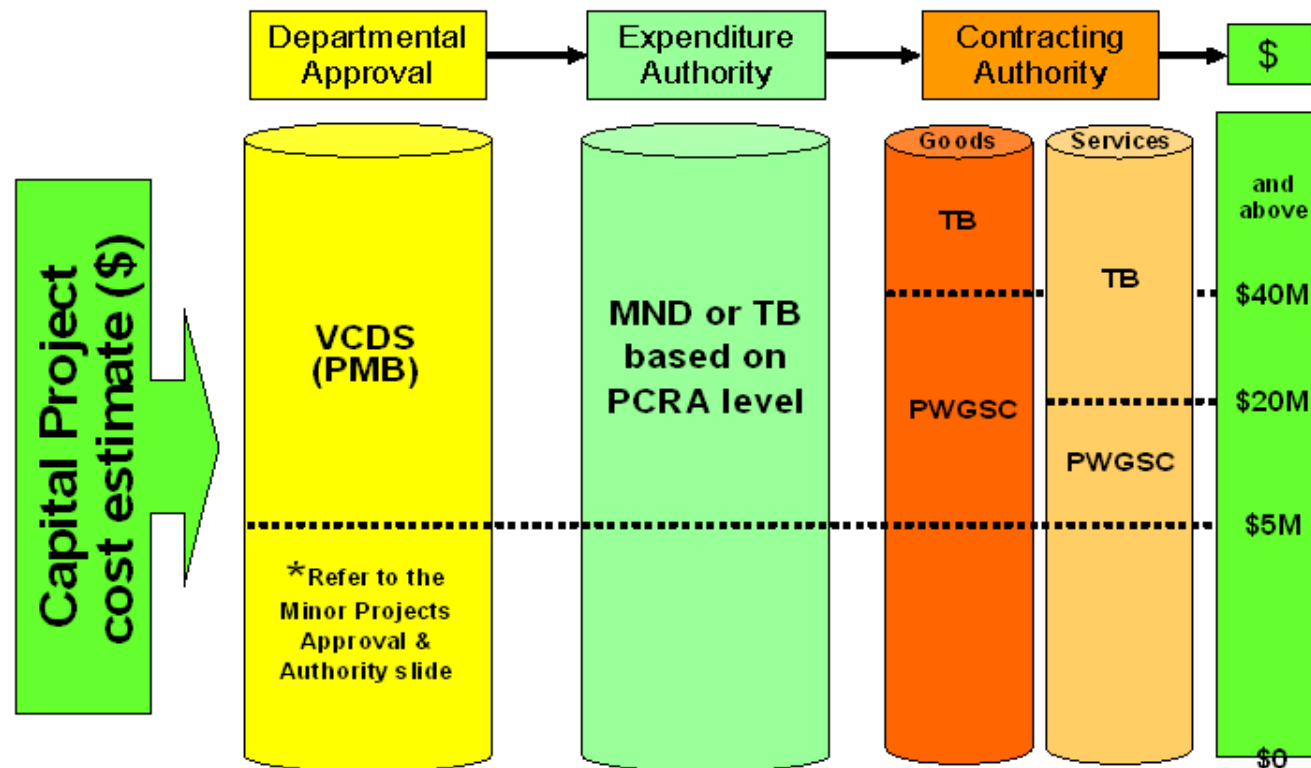


Other “Departments” Involved

- Atlantic Canada Opportunities Agency (ACOA)
- Human Resources and Skills Development Canada (HRSDC)
- Social Development (SD)
- Foreign Affairs and International Trade (FAIT),
- Canada Economic Development (CED) for Quebec Regions
- Finance Canada
- Indian and Northern Affairs Canada (INAC)
- Environment Canada (EC)
- National Research Council (NRC)
- Treasury Board of Canada Secretariat (TBS)
- Western Economic Diversification (WD).

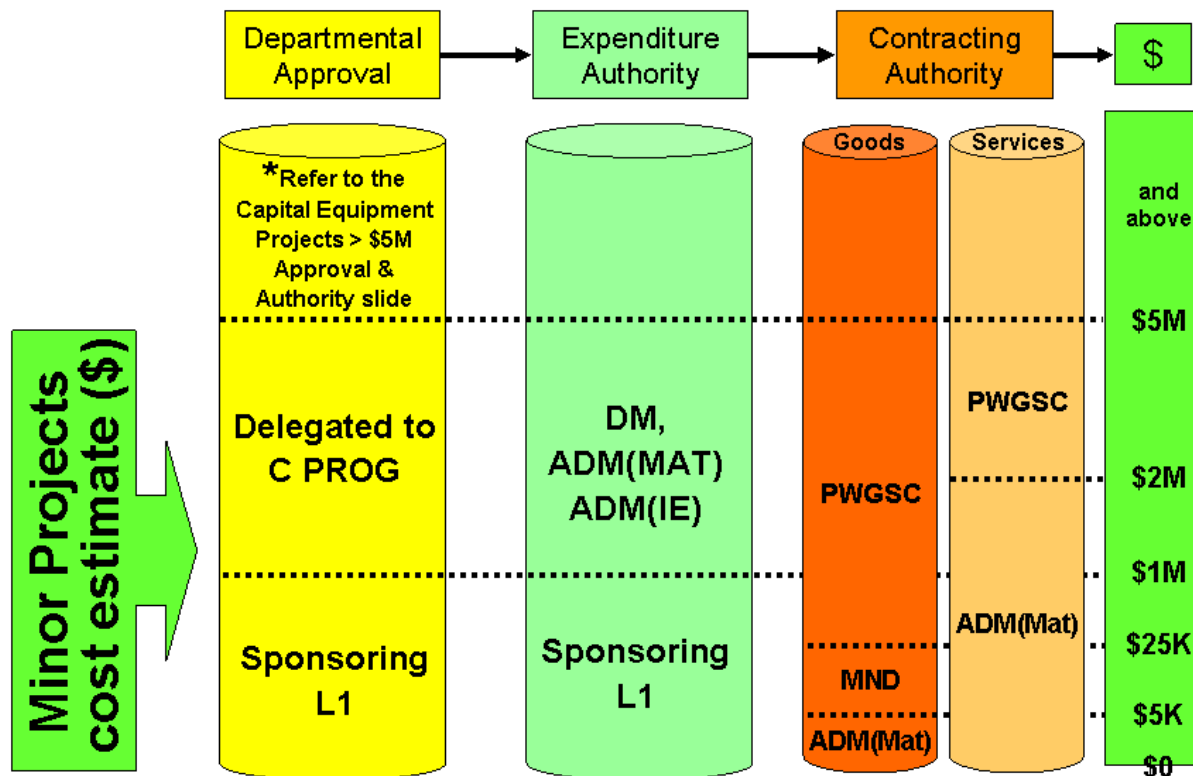
Decision Makers

Approval & Authority Levels Capital Equipment Projects > \$5M



Decision Makers (2)

Approval & Authority Levels Minor Projects (& UORs) < \$5M



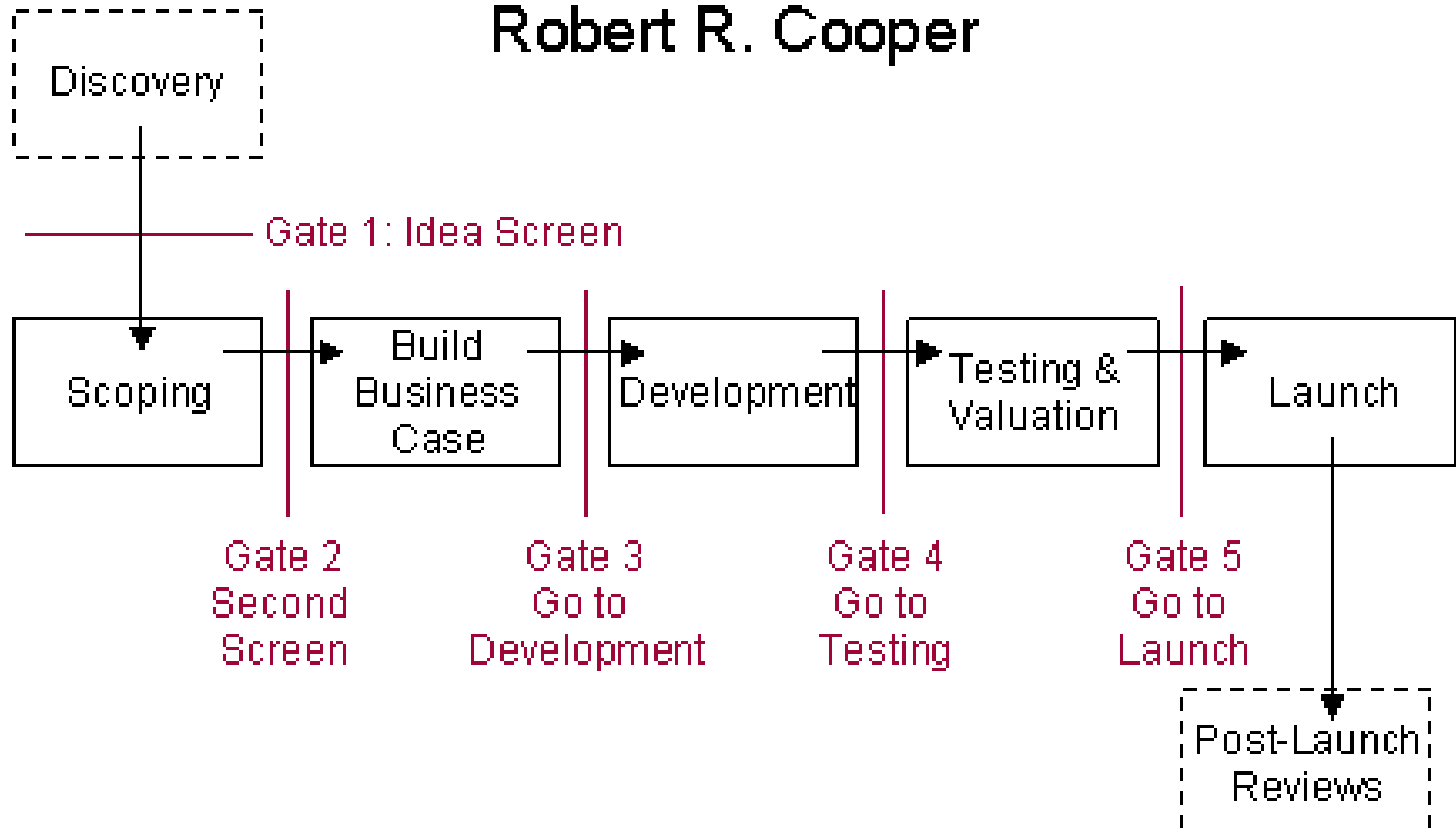


Advisory Bodies Involved

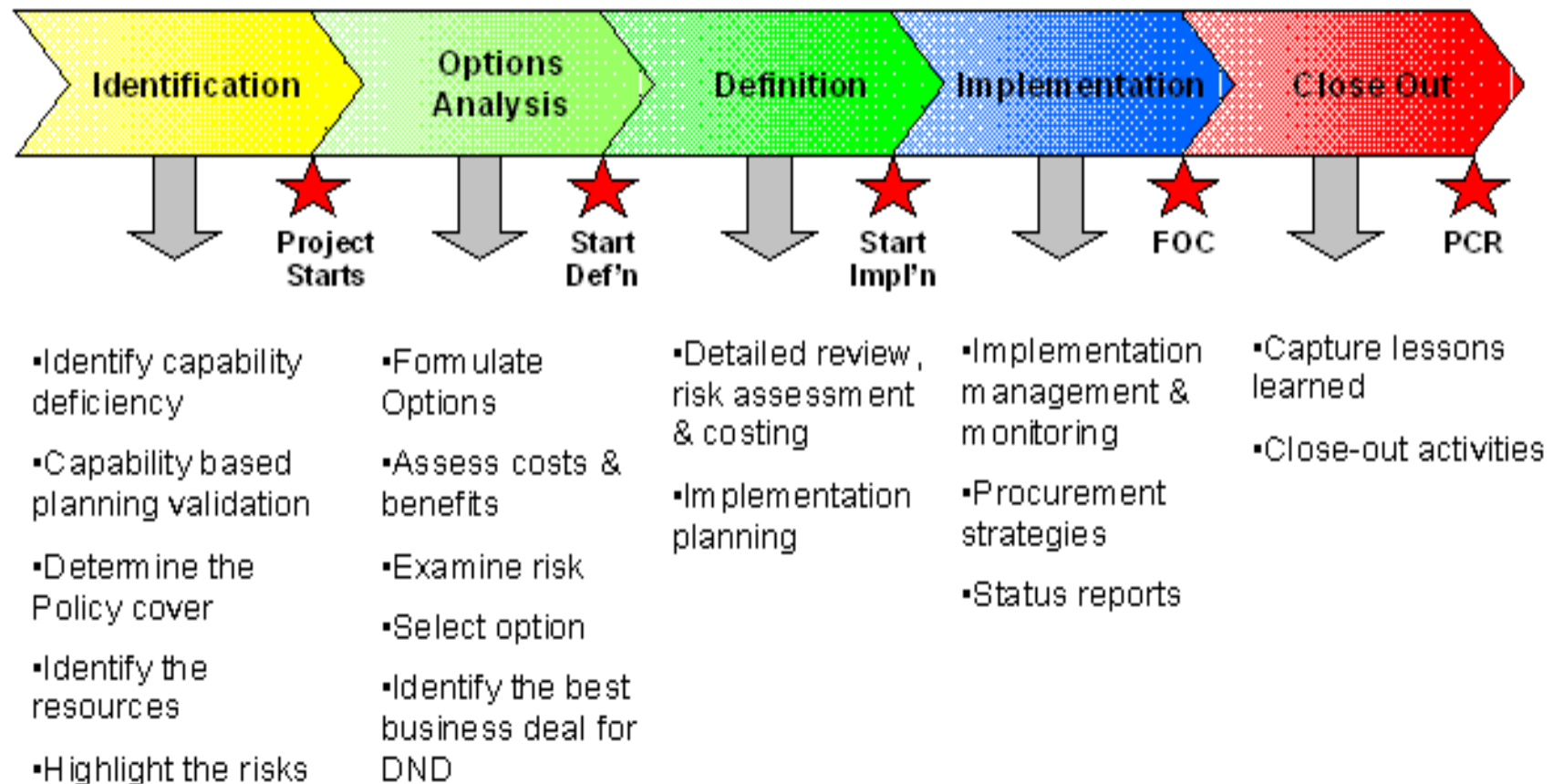
- Senior Review Board (SRB)
- Defence Capabilities Board (DCB)
- Program Management Board (PMB)
- Senior Project Advisory Committee (SPAC)
- Major Crown Project Integrated Oversight Committee (MCP-IOC)
- Treasury Board (TB)
- Cabinet

Stage-Gate model®

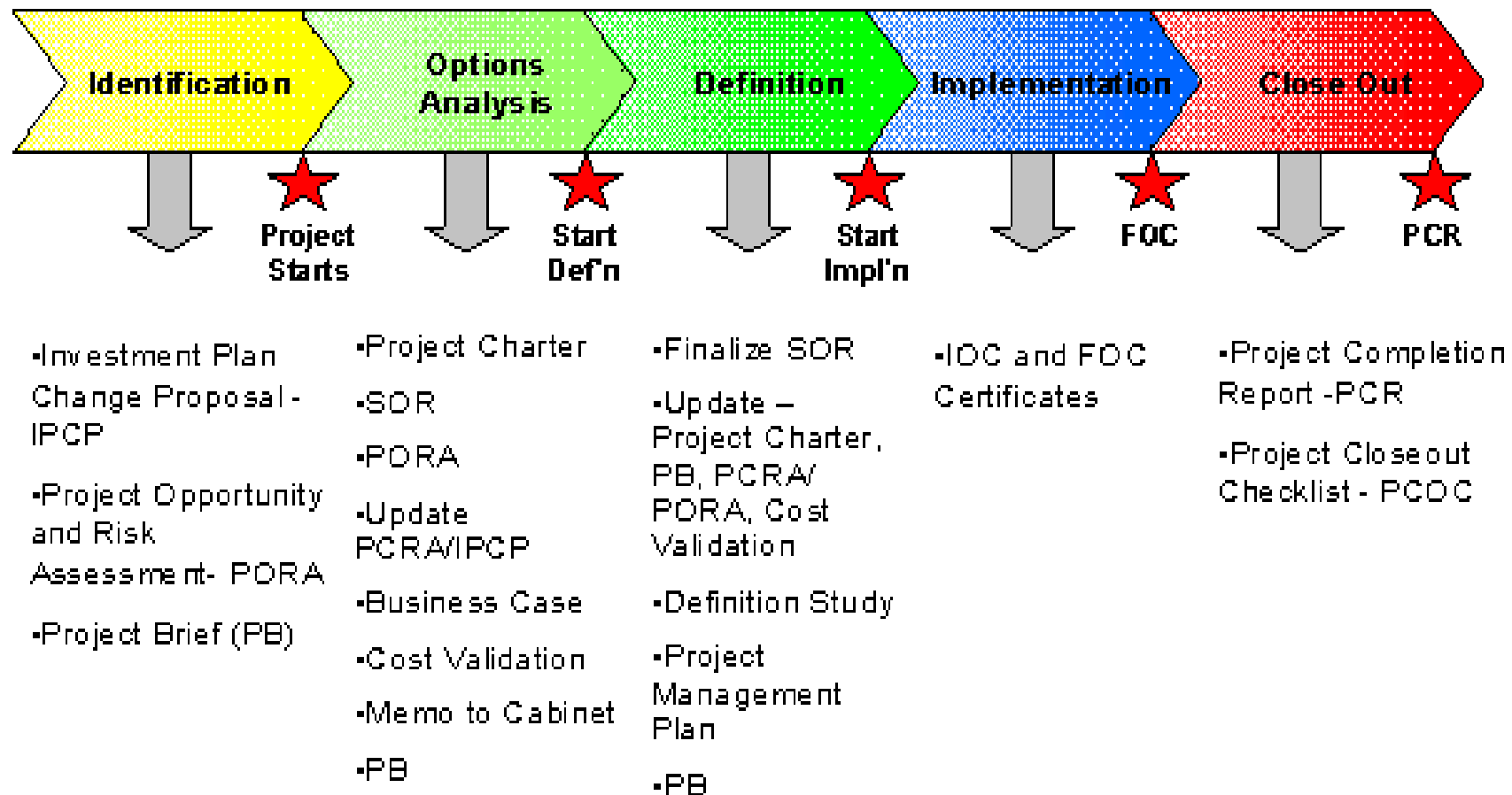
Robert R. Cooper



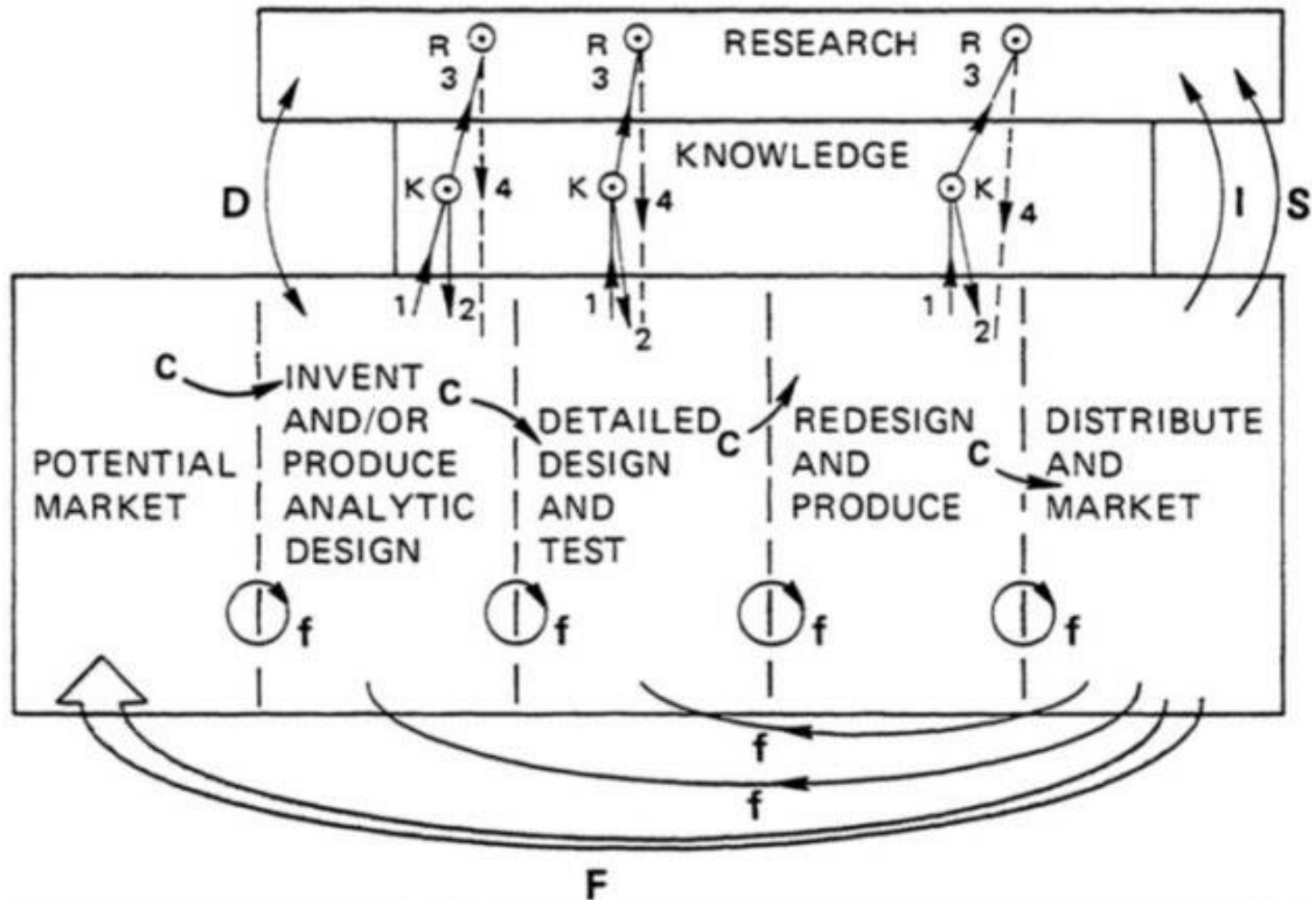
Standard Project Stages - Activity



Standard Project Stages - Documentation

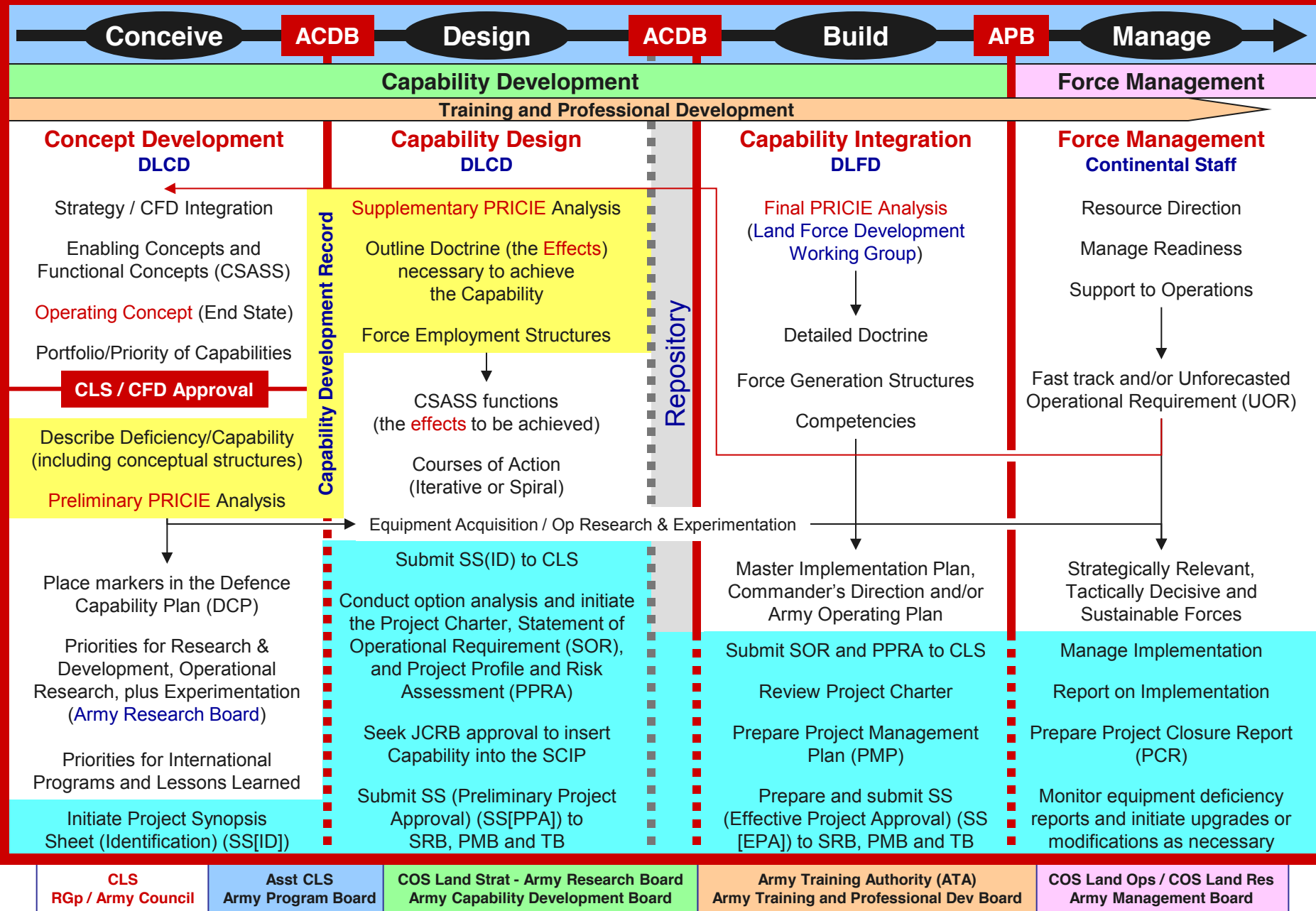


Kline and Rosenberg Chain Linked Method



Land Capability Development Continuum

February 2009



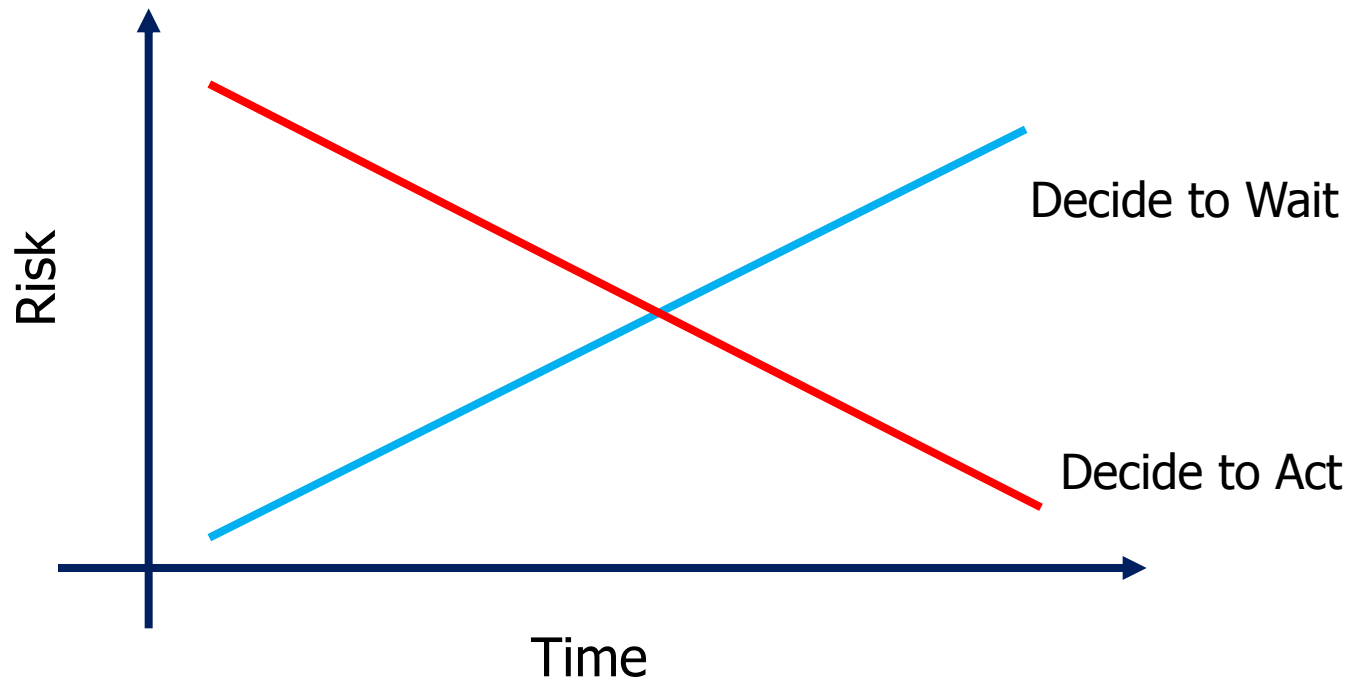


Difficulties in Procurement

- One size does not fit all
- Bandwidth of the control system
- Experience of the practitioners
- Competing aims
- Understanding of RISK



Risk of a Wrong Decision





Is it a Wicked Problem?

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Discussion
