Directions in Environmental Impact Assessment

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Trends in EIA

Proponent drivers:

- Projects to construction quickly
- Flexibility in delivery
- Harness innovation



- Project definition less fixed
- Project envelope sets maximum extent
- Outcome focussed specified performance requirements



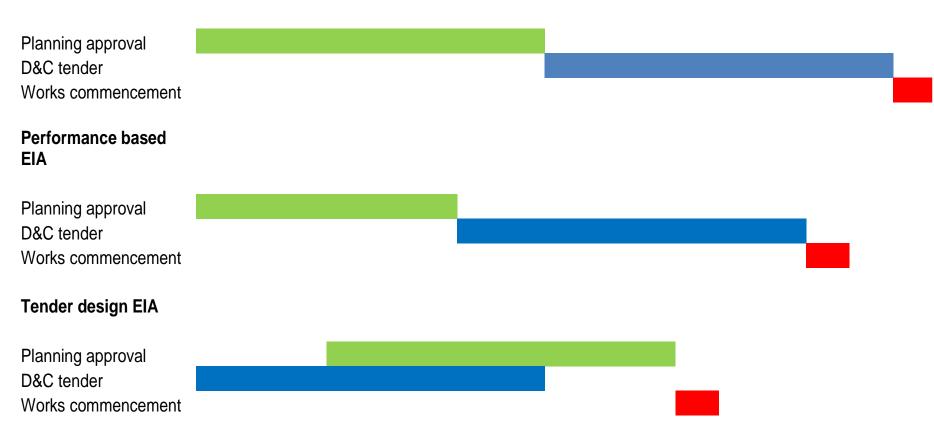
Performance based EIA

Advantages	Disadvantages
Provides flexibility to proponent	Stakeholders have less clarity
Harnesses innovation in delivery	Design to be built not subject of EIA
Potential for lower cost outcome	More sophisticated EMF needed
Transfers risk to private sector	Back-ends verification of compliance



Models for EIA and Procurement

Traditional EIA





Tender design EIA

Channel Deepening

- Complex construction tricky
- Alliance with Boskalis pre EIS
- Dredging approach integral to EIS



NorthConnex (www.northconnex.com.au)

- 3 tenderers responded to indicative design
- EIS based on preferred tender

European examples

Maastricht tunnel, Zurich-Harlingen highway



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