

Directions in Environmental Impact Assessment

David Hyett, Industry Director – Environment, AECOM



Trends in EIA

Proponent drivers:

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



A response – performance based EIA:

- 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



Performance based EIA



Tender design 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



David.Hyett@aecom.com