

USING IA TO DESIGN R&D PROGRAMS

IAIA'15 SESSION:
IMPACT ASSESSMENT AS A DESIGN TOOL

IVAR LYHNE
ASSOCIATE PROFESSOR

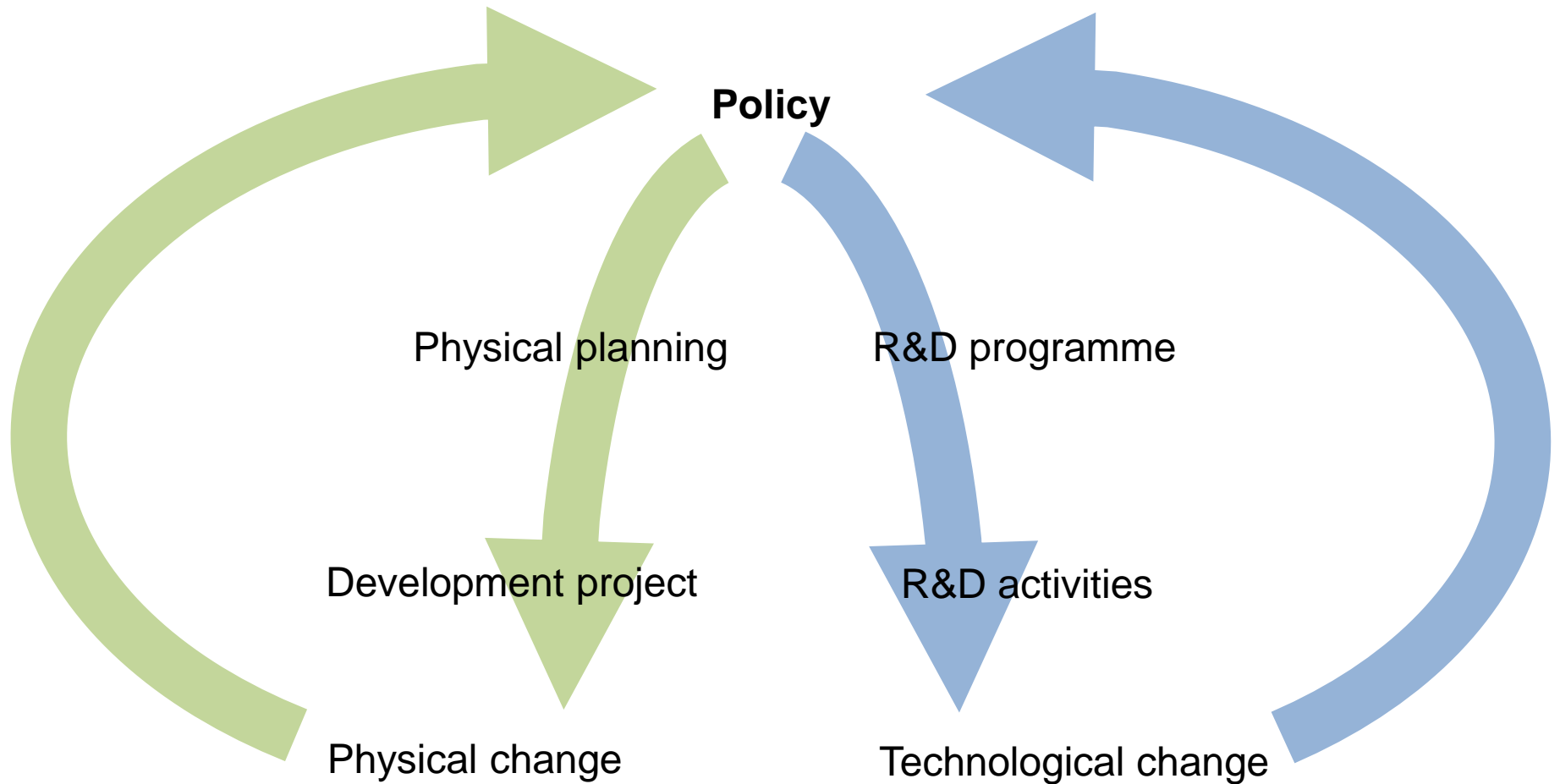


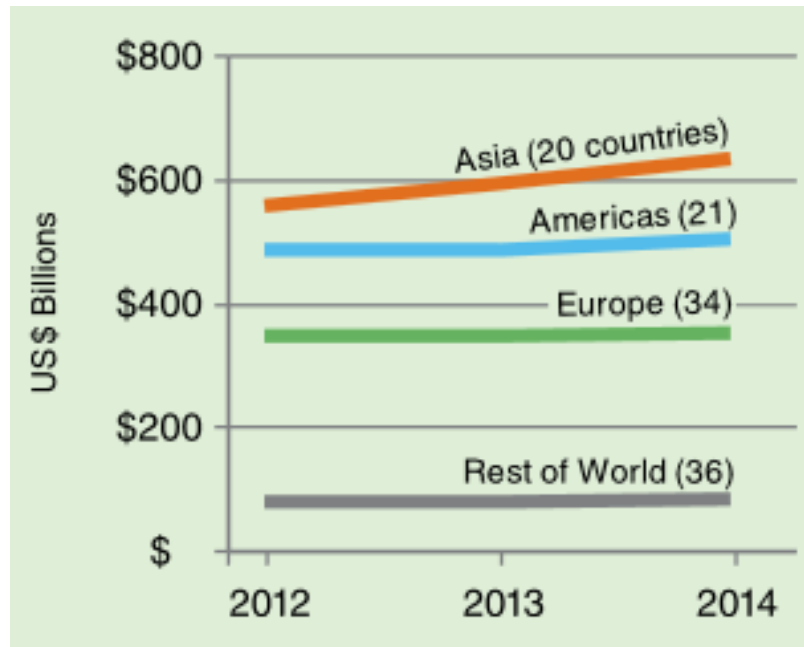
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ENVIRONMENTAL ASSESSMENT





Gross expenditures on R&D

EEA Report | No 1/2013

Late lessons from early warnings: science, precaution, innovation

Summary

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European Environment Agency

The case: ForskEL R&D

- Energy technologies
- 20 mil €
- PSO by Energinet.dk
- Funded by fees on electricity

- Voluntary EA



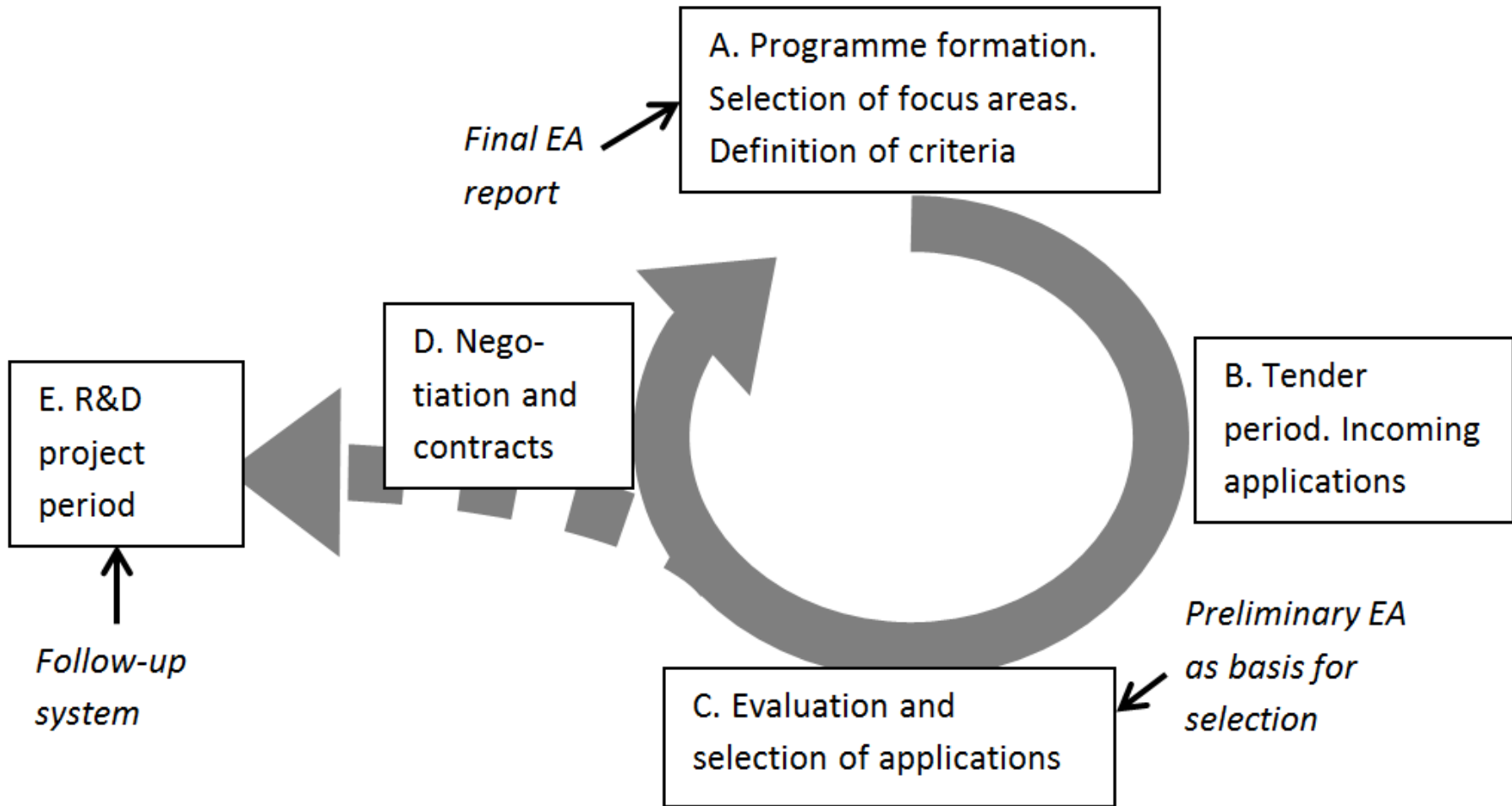


Figure 1: The R&D programme cycle including the EA reports.

What differences does it make?

- Review of applications
- Administrator: Interview
- Evaluators: Observation and short survey
- Applicants: Short survey



Design roles and processes

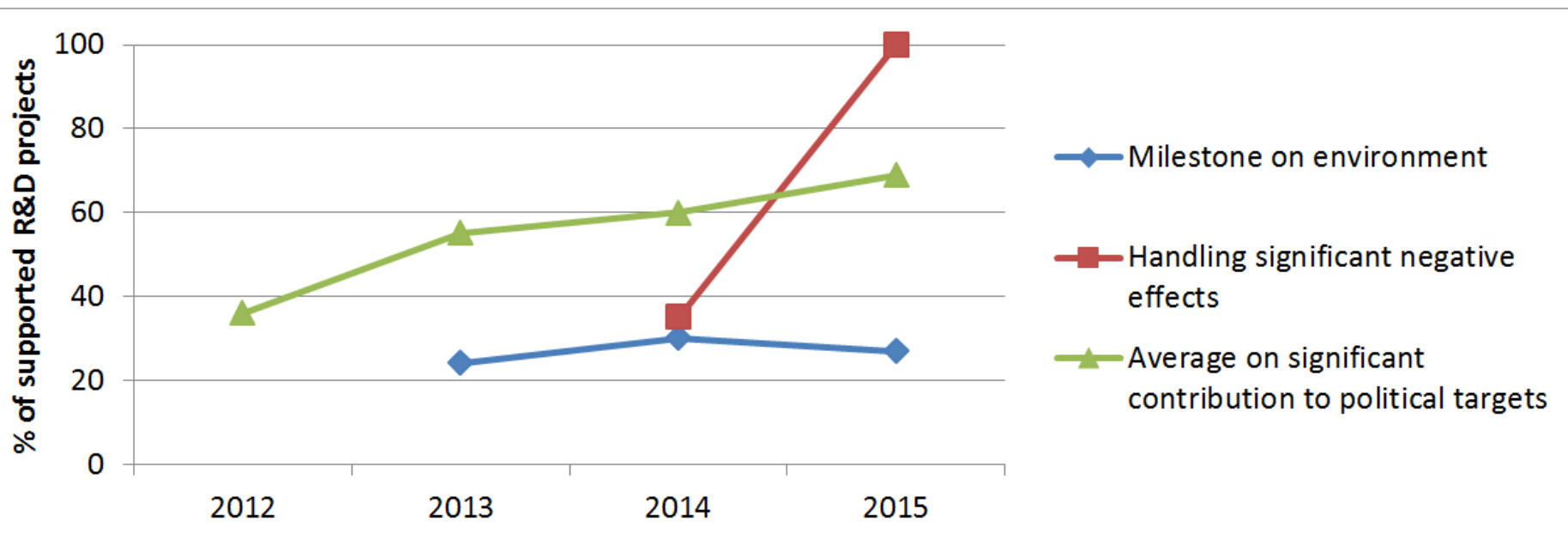
Administrator on EA:

- “a platform for setting up targets on environment”
- “allowed us to make detailed requirements on environmental descriptions in the tender material”

Evaluators about environmental descriptions

- 20%: important or of critical importance
- 60%: background knowledge

Forming the content of the programme



IA as a design tool on R&D

Assessment or design?

- Basis for defining targets and scope
- Reduce unwanted R&D developments

How much “design”?

- How much attention to environment is needed?
- How systematic considerations are needed?
(=money)

