

Efficiencies and community benefits for offshore petroleum environmental management

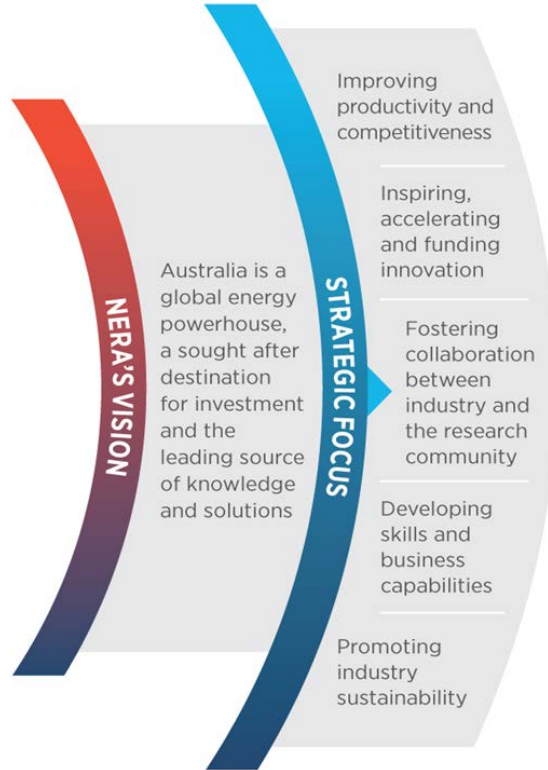
NERA NATIONAL
ENERGY RESOURCES
AUSTRALIA

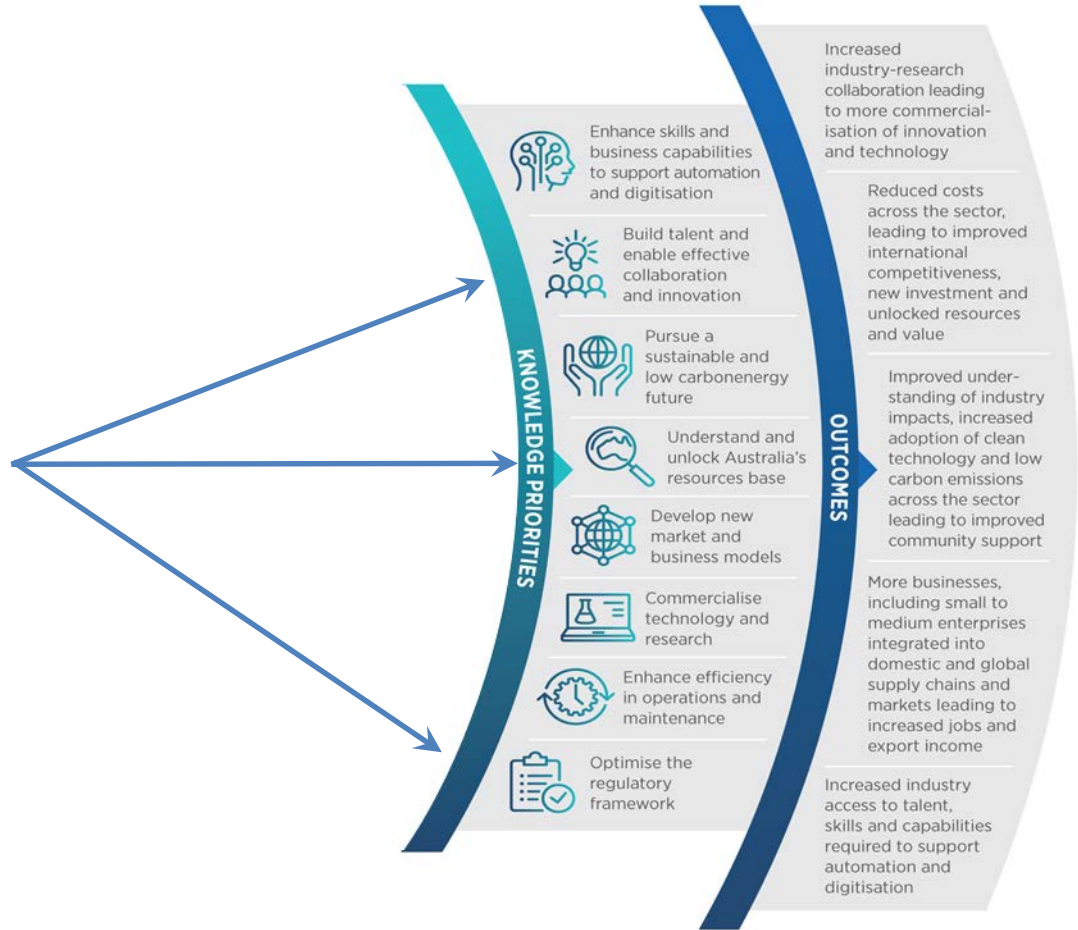
Creating connections for growth


Industry Growth Centres

- Industry led and independent
- Trusted brokers of innovation
- Drive productivity & competitiveness
- Transfer investment in **knowledge & capabilities** into **commercial value & capacity** here in Australia
- Connected to global export markets







A hand is shown from the bottom, holding a glowing yellow lightbulb. From the top of the lightbulb, a complex network of white nodes and lines radiates outwards, filling the upper half of the frame. The background is a solid dark blue color.

*The greater our knowledge
increases the more our
ignorance unfolds.*

JFK

Reference case theory

Most countries have adopted guidelines or “safe harbours” (i.e. “deemed to comply” provisions) in conjunction with performance-based regulations (2002)



...for offshore petroleum environmental regulation.

Drivers for change

The story of growing inefficiencies

Developing an EP is:

- An **uncertain** activity authorization for titleholders
- **Confusing** for relevant persons during consultation
- A **long and demanding** process for all involved

The EP product itself is becoming:

- Lengthier, more variable, and more **complex**
- A source of **competitive advantage** in some circumstances
- **Demanded** by communities and their representatives for close scrutiny
- **Disclosed** to a different and pessimistic audience

Wide-scale EP improvements are challenging because:

- **Collaboration is difficult** due to little margins in time and staggered projects
- There is too much **risk upgrading** an EP product that works
- Low oil price equals **cost (and resource) pressure**

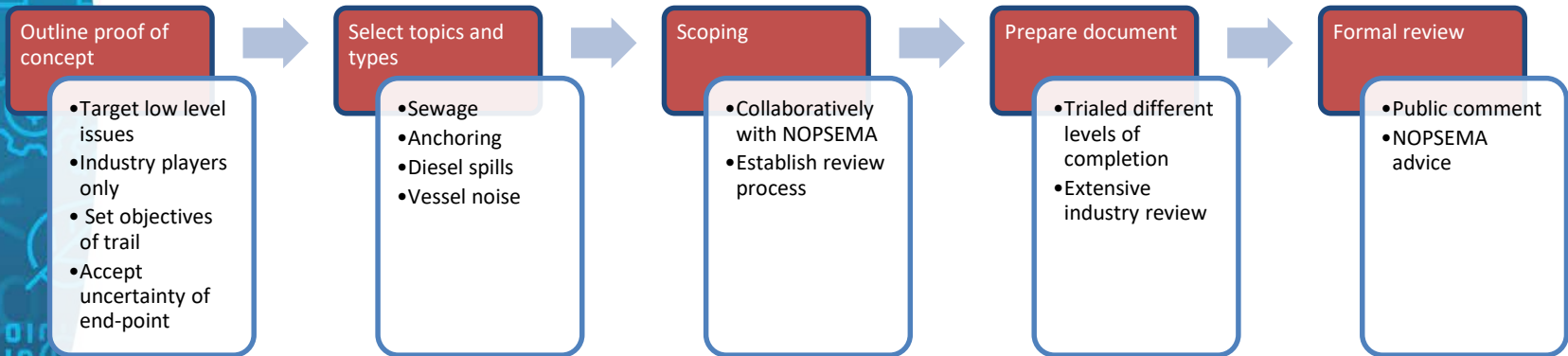




Trail a solution to growing dissatisfaction and inefficiencies in the environmental approvals process

Recognized the potential that reference cases have to address the knowledge priorities for the industry

Proof of concept: the benefits of hindsight



Don't start from scratch.
Start with a Reference Case.

A NERA project



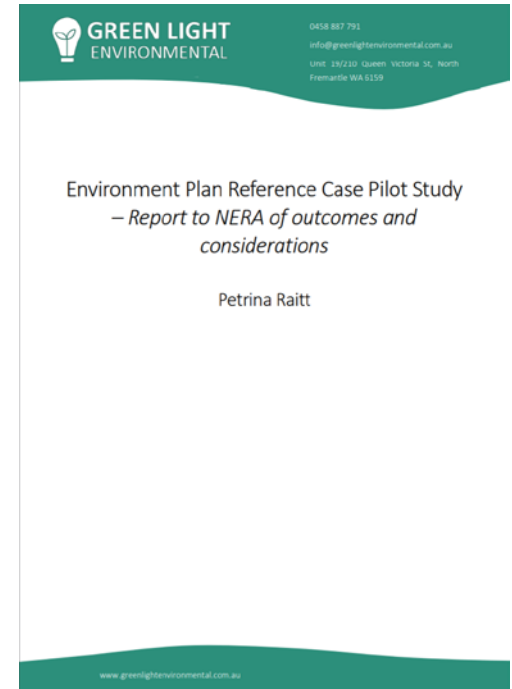
Subscribe at <https://referencecases.nera.org.au>



Advanced filters ▾

Proof of concept: Review

- APPEA/NERA to jointly review project
- Purpose of review is to outline the next steps and future direction of the project
- Interviews, questionnaires, workshops
- Titleholders, NOPSEMA, fishers, eNGOs, consultants, government departments
- Published reference cases being submitted to NOPSEMA in parallel
- Consultants report available online



Proof of concept: Experience

- Higher quality outputs expected than what is currently accepted
- Similar environmental management captured in hugely variable language
- Variations in environmental performance difficult to reconcile
- General agreement across industry for the need for change
- Different interpretations of legislative requirements in each company
- Lack of trust between industry/NOPSEMA inhibited engagement
- Numerous issues raised throughout the project with few alternative solutions offered

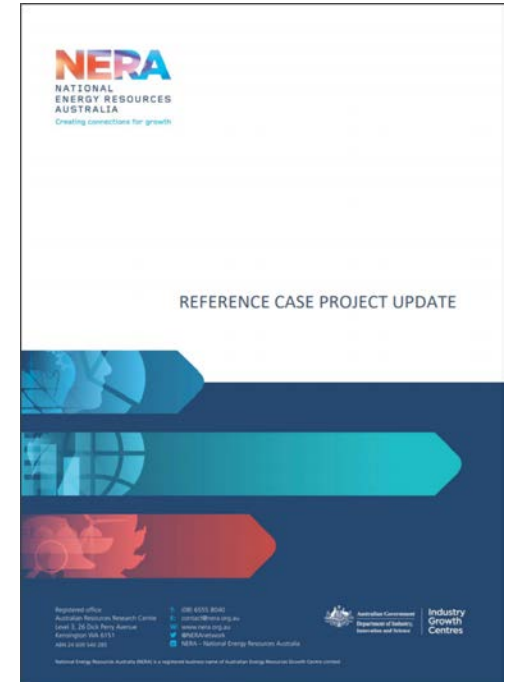
Reference case project

An opportunity to contribute to the review...

- Inputs are anonymous
- Keep inputs professional
- Results available for download at conclusion

Proof of concept: Review

- Review ongoing until 20 July 2018
- Recommendation report prepared by 3 August
- APPEA, NERA, and NOPSEMA to consider actions during August
- If you want to participate in the review email contact@nera.org.au
- Information communicated via reference case website – subscribe online for updates.





NERA

**NATIONAL
ENERGY RESOURCES
AUSTRALIA**

Creating connections for growth

Registered office:
Australian Resources Research Centre
Level 3, 26 Dick Perry Avenue
Kensington WA 6151

ABN 24 609 540 285

www.nera.org.au

T: 1300 589 310
E: contact@nera.org.au
W: www.nera.org.au
Twitter: @NERAnetwork
LinkedIn: NERA - National Energy Resources Australia