



Environment Plans

For the Oil and Gas Sector

WorleyParsons has a strong background in oil and gas Environmental Impact Assessment and management, enriched by our multidisciplinary focus and excellent knowledge of Federal, State and local legislation, and international standards.



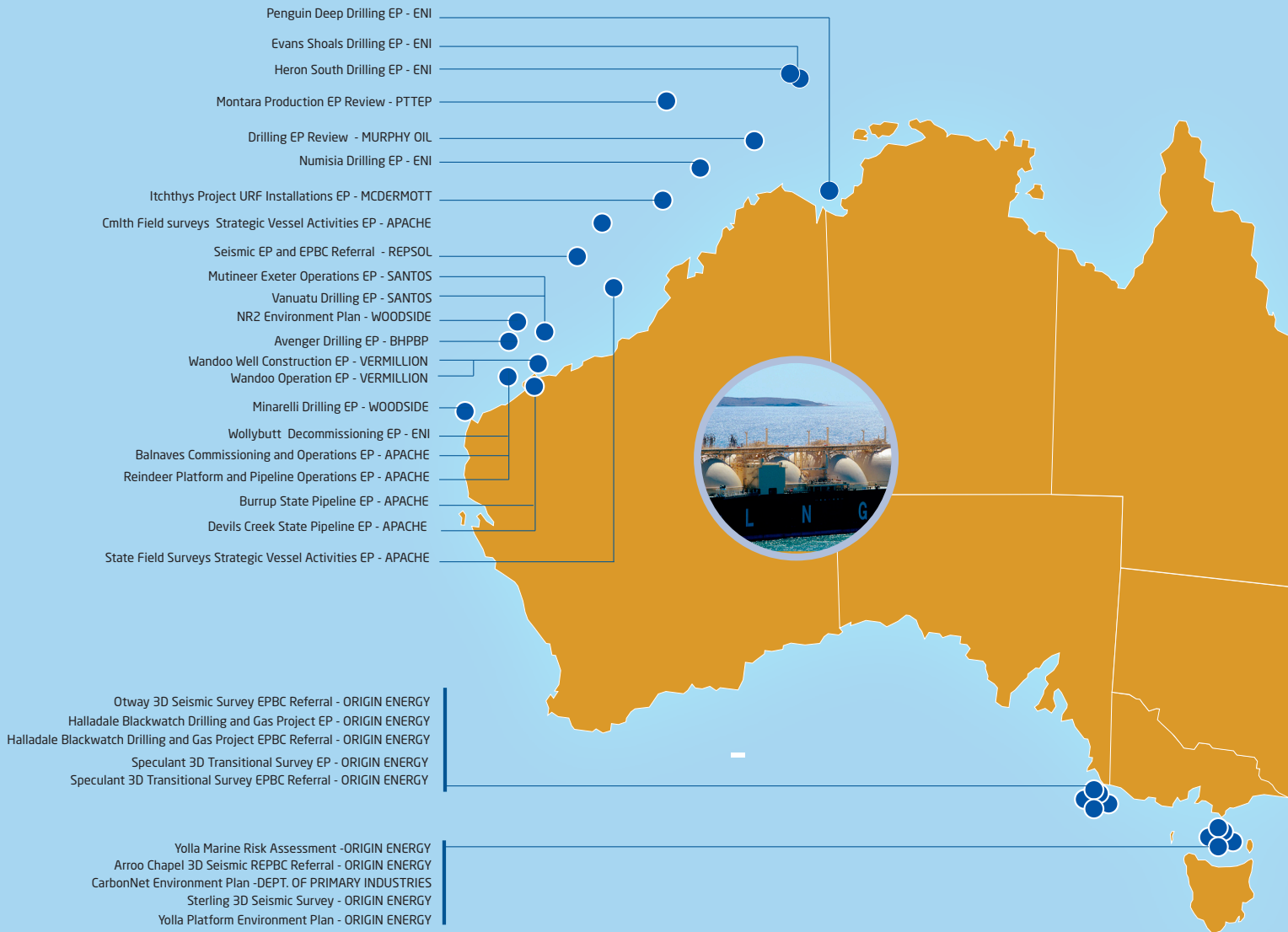
WorleyParsons has provided specialist technical expertise to a number of oil and gas clients to support them obtain approvals for a range of Environment Plans (EP's) involving seismic, drilling production over the last 12 months. Through strategic secondment, high level review and undertaking supporting technical studies, WorleyParsons staff has obtained unique insights into the regulatory process and NOPSEMA requirements.

Our Environment team is integrated with a hydrocarbons business which has expertise across every aspect of project delivery. As a result, WorleyParsons' delivery of these services is enhanced by our comprehensive understanding of technical issues.

WorleyParsons offer targeted solutions in areas including:

- Environment Plans (EPs), environmental management plans (EMPs), environment reports (ERs) and EPBC Act referrals;
- Water quality modelling and in-situ monitoring around oil and gas platforms;
- Marine ecology assessments and biological monitoring of intertidal and subtidal environments, including:
 - Drop Camera, ROV and Towed Video Surveys;
 - Benthic habitat surveys (infauna and epifauna);
 - Marine mammal monitoring programs;
 - Diver transects and ROV surveys of subtidal reef;
 - Bathymetric surveys using satellite and Lidar imagery.
 - Acoustic-related risks and impacts to marine environments associated with seismic surveys;
- Pest species surveys around platforms and support vessels and hull biofouling and ballast water management;
- Ecological risk assessment and ecotoxicology surveys;
- Hydrodynamic modelling / coastal processes studies;
- Plume and spill dispersion studies, and
- Oil spill contingency plans.

For further information about WorleyParsons Oil and Gas Environment Plans, please contact:
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Australian EP Experience

In early 2011, the Commonwealth Government committed to expand the role of the National Offshore Petroleum Safety Authority (NOPSA) to include integrity and environment management to become the National Offshore Petroleum Safety and Environment Management Authority (NOPSEMA). Since 1 January 2012, the change in the regulatory process has proved a significant challenge to the offshore oil and gas industry in relation to environmental management and compliance of all petroleum related activities.

Over the last 12 months WorleyParsons has provided support and technical expertise to a number of oil and gas clients to obtain approvals for a range of Environmental Plans (EPs) involving seismic, drilling and production. Through strategic secondment, high level review and undertaking supporting technical studies, WorleyParsons staff have obtained unique insights into the regulatory process and NOPSEMA requirements.