

Project Description	Australia Pacific LNG Project
Sponsors	ConocoPhillips, Origin Energy and Sinopec
Country	Australia
Project Category	A
Canadian Exporter(s)	Various
Description of capital goods and/or services	Sale of various Canadian goods and services
EDC Product	Financing
Date of Publication on EDC's website (dd/mm/yy)	06/01/12
Date of Signing (dd/mm/yy)	23/05/12

Project Categorization

This project involves the development of coal seam gas fields in the Walloon Basin in central Queensland, Australia, whereby natural gas will be delivered via a 450-kilometre pipeline to a two-train liquefied natural gas processing facility on Curtis Island, off the coast of Queensland. The project was classified as Category A. (Category definitions can be found [here](#), see D3 Environmental & Social Reporting).

Summary of EDC's Review

EDC reviewed the project in accordance with its *Environmental and Social Review Directive* and the *Equator Principles*, and concluded that the project is designed to meet or exceed internationally recognized good practices, guidelines or standards. In reaching this conclusion, EDC reviewed a project Environmental Impact Statement and Environmental and Social Management Plans, which were reviewed for appropriate mitigation measures against the project's potential environmental and social effects. The documentation was benchmarked against host-country (*i.e.*, Australian) environmental and social standards, which are considered to meet or exceed international standards. EDC's review also included an assessment of the project's stakeholder engagement activities.

Key environmental and social issues associated with the project, and related mitigation measures reviewed by EDC include, but are not limited to, the following:

Groundwater Availability and Contamination: *Potential impacts to groundwater through the extraction of coal seam gas*

Mitigation measures included: Management of coal seam gas water including options such as aquifer injection and reuse options for agricultural and commercial uses; comprehensive groundwater modeling and monitoring program in collaboration with other projects and regulatory authorities; development of Water Management Plan and a Salinity Management Plan.

Greenhouse Gas (GHG) Emissions: *Emissions due to gas field development and LNG facility operation*

Mitigation measures included: GHG assessment in accordance with international protocols; reduction in operational flaring; selection of fuel efficient vehicles and machinery; installation of waste heat recovery units on gas turbine exhausts; implementation of a leak detection program on all pipelines to minimize fugitive emissions.

Impacts on Marine and Coastal Environments: *Impacts from dredging and clearing for the construction of the product loading facilities*

Mitigation measures included: Bundled pipeline trench with other projects for marine crossings; joint development of offset programs with other projects for marine habitat; collaboration with governments and other port users and stakeholders to address loss of fishing access; protection and enhancement of direct offset sites for fisheries and migratory shorebirds.

Stakeholder Engagement: *Impacts to local communities from construction and operation of the project*

Mitigation measures included: Identifying and engaging with key stakeholders during the development of the project; implementation of a Stakeholder Engagement Strategy which includes commitments to participate in governmental planning processes and liaison with affected landowners; development of a Community, Health, and Safety Strategy to address the health and safety impacts to the region, including emergency response planning.

Documentation Reviewed:

- Environmental Impact Statement (2010)
- Environmental and Social Management Plan (2012)
- Independent Technical and Environmental Review (2012)
- Queensland Coordinator-General's Report (2010)
- Australian Government Approval (2011)
- Syndicated Facilities Agreement (2012)