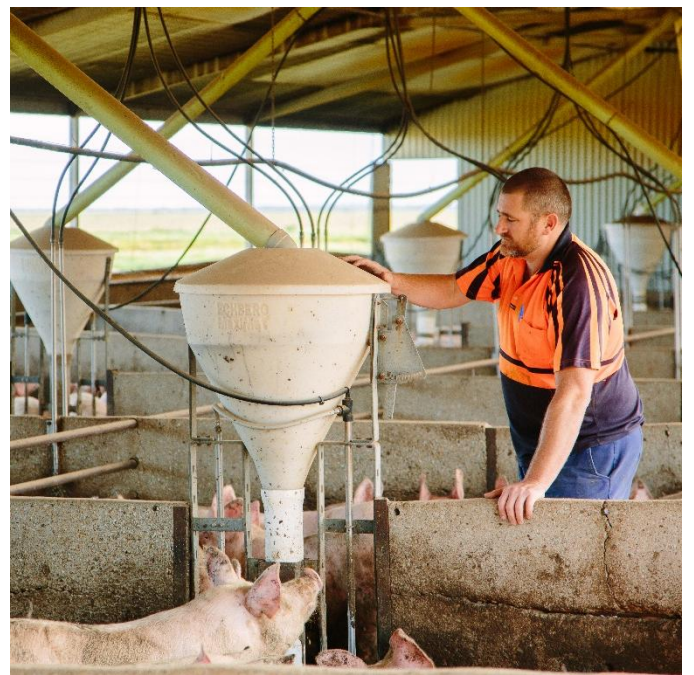


Request for proposal

Emissions Reduction Opportunities –
Gap Analysis

May 2025 - Australian Pork Limited



Request for proposals

Project objective – To identify gaps analysis in available pork specific information for emissions reduction opportunities, with focus on manure management systems and feed inputs

Australian Pork Limited (APL) is the national representative body for Australian pig producers. APL is a producer-owned not-for-profit company combining marketing, export development, research, innovation, and strategic policy development to assist in securing a profitable and sustainable future for the Australian pork industry. It is one of 15 rural research and development corporations (RDCs) providing research to Australian agriculture.

Funded by pig farmers, APL is paid to do what farmers can't do for themselves. This includes:

- a. Building demand for pork meat products
- b. R&D to reduce costs, improve product quality and value chain efficiency
- c. Interaction with government on farmers' behalf

Background

As part of the Australian Governments support to agriculture and land sectors to reduce their emissions as part of the goal of reaching net zero by 2050, the Carbon Farming Outreach Program was developed. The Carbon Farming Outreach Program is designed to support Australian farmers and land managers to reduce emissions and sequester carbon to contribute to Australia's climate change commitments and remain internationally competitive. The objectives of the program are to:

- support farmers and land managers to make decisions to reduce emissions and sequester carbon.
- build capacity of trusted advisers to deliver independent advice on reducing emissions and sequestering carbon.
- facilitate access to clear, consistent and culturally appropriate information on carbon farming, low emission technologies and practices.

A part of this program is the establishment of a knowledge bank to integrate the existing training and resources with new tailored resources, and to support Rural Research and Development Corporations (RDCs) to develop commodity-specific information for the 'knowledge bank' to enable faster adoption of lower emission solutions.

Through the Carbon Farming Outreach Program Knowledge Bank, APL has received funding to undertake a gap analysis of pork specific information for emissions reduction opportunities, and to develop supporting resources to be used in the Knowledge Bank.

Current project

The Australian pork industry is uniquely placed to actively reduce emissions and positively impact emissions intensity. Unlike many sectors, technology and systems are already available to achieve this. The biggest opportunities for emissions reduction for piggeries are through reducing emissions from manure management systems (MMS) and through reducing feed emissions intensity.

This project must include the following

- conduct a gap analysis and literature review of currently available research, case studies, guides and other resources
- identify information gaps and opportunities for research, technology adoption, and practice change
- review barriers to, and enablers for key technology adoption (including policy and regulatory barriers)
- quantify a pathway for future technology adoption.
- identify gaps and opportunities for data capture for ongoing industry wide reporting of emissions

To support pork businesses in decision-making, and for inclusion in the knowledge bank, the project must conduct place-based case studies on emissions reduction opportunities that include:

- emissions reduction estimates
- benefits and barriers to adoption of new systems and technology
- feasible options for reducing scope 1 emissions
- geographical differences in manure management technologies

This project should provide a clear view of the tools, and information currently available, also identifying a path for future research, program support and policy change. Preference will be given to projects that highlight gaps that are consistent across pork and other livestock sectors, including potential opportunities for collaborative research opportunities with other similar industries.

This project must be completed by 1st December 2025. Budget for this project is set at \$100K.

Extension

Proposals must include case-studies as defined above for extension to industry.

Preference will be given to proposals that present meaningful extension outputs which could include (but is not limited to):

- Documented (eg video) explorations of options
- management guides,
- factsheets,
- infographics
- recorded webinars

Research Purpose

Project objective

- Identify gaps in available pork specific information for emissions reduction opportunities including Manure Management Systems and feed inputs
- Identify opportunities for further collaborative research
- to improve data capture for industry emissions reporting
- Develop case studies of different manure management systems including geographical differences
- Identify barriers & enablers for technology adoption

Timeline

| Date | Activity |
|-------------|---|
| 14 May 2025 | Applications open |
| 30 May 2025 | Applications close 5pm |
| June 2025 | Notification of proposal review outcome |
| June 2025 | Issue of Provider Agreement for successful applications and commencement of project** |

***Note:** Applications with long timeframes should include a minimum of 1 progress report every six months. Longer timeframes for this project may be considered, please contact to discuss.

****Note:** Projects over \$100k will be subject to Board approvals and processes which may take longer than advised.

How to make a submission

Register or log in via PigConnect - <https://pigconnect.australianpork.com.au/>

- Submit and manage Project Applications
- View and manage your in-progress Projects
- Review Project Applications referred to you

Contact

If you are interested in submitting an application, or have any questions, please contact:

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