# **Goat Enterprise Carbon Accounting**

**MDC Projects**

**Purpose and background**

Meat & Livestock Australia (MLA) is committed to collaborating with industry partners and producer groups to improve business profitability, productivity and sustainability.

MLA is calling for applications for MDC projects (matched funding) related to evaluating the emissions performance of goat enterprises. This includes the collation of a greenhouse gas (GHG) inventory for representative goat enterprises and an evaluation of both net enterprise emissions and product emissions intensity (kg CO2 e-/kg product).

Projects submissions should consider, at minimum, rangeland goat enterprises and more intensive goatmeat enterprises outside of the rangelands, other goat enterprise types can be included where sufficient inventory data exists. Representative enterprises goatmeat enterprises can based on either modelled enterprises or case study farm data.

**Priority areas:**

Applicants should address the following priority areas.

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| **Category**  | **Priority**  |
| Goat enterprise carbon accounting  | The following components are core requirements of applications to this TOR: 1. Collation of an **inventory list of emissions sources** **and sinks** for goat enterprises (on-farm)
2. An **evaluation of the emissions intensity** (kg CO2 e- / kg product) of goat meat produced in Australian goat enterprises
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| The following components are desirable components of applications to this TOR: 1. Complete an **evaluation and costing of a series of emissions reduction pathways** for goatmeat enterprises. This should include an evaluation of the implications of pathways for net emissions as well as emissions intensity.
2. Conduct an adoption program with goat producers to **increase their knowledge** of goatmeat enterprise emission sources and sinks and equip them with the skills to implement emissions reduction practices.
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**Technical specifications**

* This project will not conduct full life-cycle analyses and will focus on the operational and organisational boundaries of the farming enterprise.
* Carbon accounting methodology consistent with the National Greenhouse Gas Inventory (NGGI) should be applied.
* Greenhouse gases to be included are carbon dioxide, methane and nitrous oxide.
* Provision should be made for the inventory to shows emissions determined using the Global Warming Potential (GWP100) metric.
* Where possible, the emissions mitigation pathways evaluated will align with Emissions Reduction Fund (ERF) protocols. If emerging pathways are also evaluated this should rely on the findings from published peer reviewed journal articles on these mitigation options.

**Applications close on 28th February 2022** and applicants are encouraged to contact the relevant MLA Managers (see details at the foot of the document) prior to submitting applications.

**Who can apply?**

This terms of reference is open for applications from a range of potential partners but applicants which engage commercial goat producers will be favourably assessed.

All MLA contracts will be with a company or other legal entity excluding individuals/sole traders. For unincorporated producer groups, arrangements should be made for contracting through an affiliated company.

Where the intended contracted party is a Trustee (on behalf of a trust), MLA will require copies of ID for all Trustees along with a copy of the Trust Deed. The tenderer must provide details of current insurance policies held by it and each proposed subcontractor and supplier.

See MDC project application master instructions for further details on how to apply.

**Selection Criteria & Review process**

Selection of preliminary applications and full applications will be based on the following criteria:

1. Potential to deliver a comprehensive carbon account for representative goat enterprises.
2. Opportunity for producer engagement in the design and outcomes of the project
3. Alignment with the terms of reference.
4. Team capability, capacity and resources
5. A clear and measureable objective(s)
6. Value for money

**For further information**:

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