Farm Emissions Reduction Plan
Template

Introduction

This Farm Emissions Reduction Plan (FERP) Template supports farmers to consider their farm emissions reduction goals alongside other farming enterprise related goals. It is designed to help farmers evaluate the consistency of their emissions reduction activities with their farming enterprise planning.

This FERP Template has been designed to be an addendum to a current farm business plan. Some of the information requirements outlined are expected to be available from:

- a current Farm Business Plan;
- the CEFC Towards Net Zero Pathfinder; and
- an Emissions Baselining tool.

Two stage approach to developing a FERP

The FERP template adopts a two-stage approach:

1. **Stage 1: Preliminary Evaluation**

   A preliminary estimate of emissions reduction benefits (t CO_2e/year) from planned activities.

   This estimate can be based on indicative calculations associated with the eligible activities within the CEFC Towards Net Zero Pathfinder.

2. **Stage 2: FERP**

   Building on the preliminary evaluation, a FERP includes four distinct elements, including:

   (a) Goals: outline of your farming enterprise's production, natural assets, business and emissions reduction goals in alignment with your Farm Business Plan.
   (b) Current State: a current GHG Baseline for your enterprise and summary of emission reduction considerations.
   (c) Current Plan: table of planned emission reduction activities, and implementation considerations.
   (d) Five Year Forecast: supported by recognised accounting tools/services, this table captures estimated emissions reduction from planned activities in the FERP within your enterprise context over the next 5 years.

The FERP template is designed to support you to evaluate the effectiveness of your farm emission reduction activities.

Ongoing monitoring of farm performance and active consideration of activities that work well together to identify where activity stacking and synergistic combinations may be possible, form an important part of longer-term FERP planning.

Stage 1: Preliminary Evaluation

Initial estimate of emissions reduction benefits from planned activities

Preliminary Evaluation					
Estimated Annual Emissions Reduction based on planned activities (tonnes CO_2e per year)					
Planned Emissions Reduction Activity	**Yr 1**	**Yr 2**	**Yr 3**	**Yr 4**	**Yr 5**
Activity 1: description of emissions reduction activity	*Refer to the CEFC Towards Net Zero Pathfinder for guidance on estimating emissions reduction*				
Activity 2: description of emissions reduction activity					
Activity 3: description of emissions reduction activity					
Add rows for additional activities (as necessary)					
Estimated Net Emissions Reduction (tonnes/yr)					

Stage Two: FERP

The following tables have been developed as a tool to assist farmers preparing a FERP.

Farmers will determine the content and depth of analysis appropriate to their enterprise, and the guidance in the following sections provide an outline of the content and considerations for the key elements of a FERP.

Section 2a – Goals
2a (i) – Production goals
Summarise your production goals (or cross reference your existing Farm Business Plan)
2a (ii) —Natural asset goals
Summarise your natural asset goals (or cross reference your existing Farm Business Plan)
2a (iii) —Business goals
Summarise your financial, market or other core business goals (or cross reference your existing Farm Business Plan)

2a (iv) — Emissions Reduction goals

Set your emissions reduction goals. This may include for example, statements about total emissions reduction for your enterprise(t CO_2e/year), emissions intensity(t CO_2e/kg or t CO_2e/tn product), changes in practices, skills to manage and report progress, compliance with future legislation or market expectations as you see them.

Section 2b – Current State

2b (i) – Baseline Emissions

Include how, when the emissions baseline was conducted (including if external assistance was engaged) and summary results of the Baseline including at a minimum the 3yr year time averaged annual estimated whole farm Greenhouse Gas emissions.

2b (ii) – Emissions Reduction Considerations

Consider addressing the following questions: Why do you want to reduce your emissions? What is driving this decision? What are the key barriers that your plan needs to overcome?

Section 2c – Current Plans					
2c – Emissions Reduction Activities					
Planned Emissions Reduction Activity *Select from eligible emissions reduction activities*	***How it will be achieved?*** *What are the details of implementation scope, scale, intensity*	***Timeframe &/or Stages of implementation*** *What are the stages of implementation and when will the activity conclude*	***How does this activity support or conflict with other enterprise goals?*** *Review enterprise goals from your farm plan and consider alignment with this activity*	***How will this impact the enterprise?*** *List material issues or changes in* *1) downside: threats, vulnerabilities and exposures* *2) upside: new opportunities, capabilities or access to upside, and* *3) level of change: enabling large transformation, medium adaptation, or absorbing change*	***How will the emissions reduction activity be monitored?*** *Identify the reporting and data / evidence that will be collected to assess the emissions reduction activity*
Activity 1:					

Add more rows for each additional Activity (as necessary)

Section 2d – Five Year Forecast

2d – Baseline & Forecast Annual Emissions Reduction

	Year 1	Year 2	Year 3	Year 4	Year 5
Baseline – current farm management activities tonnes CO_2e per year (total enterprise emissions)					
Estimated reduction range from activity 1					
Monitoring / evidence plan of activity 1					
Estimated reduction range from activity 2					
Monitoring / evidence plan of activity 2					
Estimated reduction range from activity 3					
Monitoring / evidence plan of activity 3					
Total Emissions Reduction from planned activities					
Total Residual Emissions after activities implemented (Baseline less estimated emissions reduction)					

Add more rows for additional activities (as necessary)