



Carbon Budgets Modelling Workshop Session 2: Introduction

18th October 2022

Carbon Budgets Modelling Workshop

- **Session 1** 09:00 – 11:15 (Zoom Webinar)
- **Break** 11:15 – 11:45
- **Session 2** 11:45 – 13:35 (Zoom Meeting – don't forget to register)

- 11:45 Meeting Open
- 11:45 - 12:00 Introduction
- **12:00 – 12:20 Breakout Session 1**
- 12:20 – 12:45 Plenary Reports
back to the group
- **12:45 – 13:05 Breakout Session 2**
- 13:05 – 13:30 Plenary Reports
back to the group
- 13:30 – 13:35 Operational Wrap
Up
- 13:35 Meeting Close

Overview for Breakout Session 1

Breakout Session 1: Sequencing of programme of work for carbon budgets

Purpose

The aim of this breakout discussion is to consider;

- The elements mandated under the Act and Regulations.
- A review of the process to meet the requirements of the Act for CB1 and CB2 (and provisional CB3).
- The tools and approach that should be used to assess each of the criteria for finalisation of CB3 and provisional CB4.
- Map out this process in terms of sequencing.

Feedback from this discussion will be used as an input in order to help improve the carbon budgeting process for CB3 and CB4, to be proposed by the end of 2024.

Introduction & background

- Each breakout group will be allocated 2 topics to discuss in terms of key inputs and improvements. Aim to focus on 1 topic (and 2nd topic if there is time).
- Each group to nominate a rapporteur to give a ~5 minute plenary report.
- Use the raise hand function for interventions in breakout groups.

Questions for consideration in breakout groups

1. Consider the two elements mandated under the Act and Regulations that have been assigned to your breakout group. Review the process to meet these requirements for CB1 and CB2 (and provisional CB3) and propose areas for improvement.
2. What tools and approach should be used to assess these two criteria for finalisation of CB3 and provisional CB4?
3. Map out this process in terms of key inputs & sequencing in the context of the timeline below.



Overview for Breakout Session 2



Breakout Session 2: Model Integration/Coupling

Purpose

The aim of this breakout discussion is to consider;

- The modelling carried out for the 1st CB programme.
- The development of common assumptions and scenarios in order to understand comparable model outputs where feasible.
- Identification of practical next steps and areas for research.
- Identification of steps to build capacity in this area.

Early stage feedback from this discussion will be used as an input in order to help improve the carbon budgeting process for CB3 and CB4, to be proposed by the end of 2024.

Introduction and background

- Each breakout group to discuss a set of questions.
- Each group to nominate a rapporteur to give a ~5 minute plenary report.
- Use the raise hand function for interventions in breakout groups.

Questions for consideration in breakout groups



1. The R&M Group report noted the importance of comparison of datasets, inputs, assumptions and sensitivities – how do we practically achieve this in the CB context?
2. There is more time within the 2nd CB process to look at iteration of model results, building on breakout session 1. How best to go about this?
3. How do we ensure transparent and accessible outputs?
4. How do we ensure sufficient capacity is developed and available?
5. How do we establish a process to test scenario modelling using macroeconomic analysis in relation to jobs, impacts on the economy, impacts on sectors and distributional effects?