



Carbon Budgets Modelling Workshop Session 1: 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)

Q & A

1. Submit questions via the Zoom chat function
2. Be concise in interventions
3. Keep a constructive mindset

IT issues - contact james@soundav.ie / info@climatecouncil.ie

Neither Session 1 or Session 2 of the Workshop will be recorded.

Presentations and high-level minutes will be made available on the CCAC website after the workshop.

www.climatecouncil.ie

Icebreaker Questions for Workshop Participants

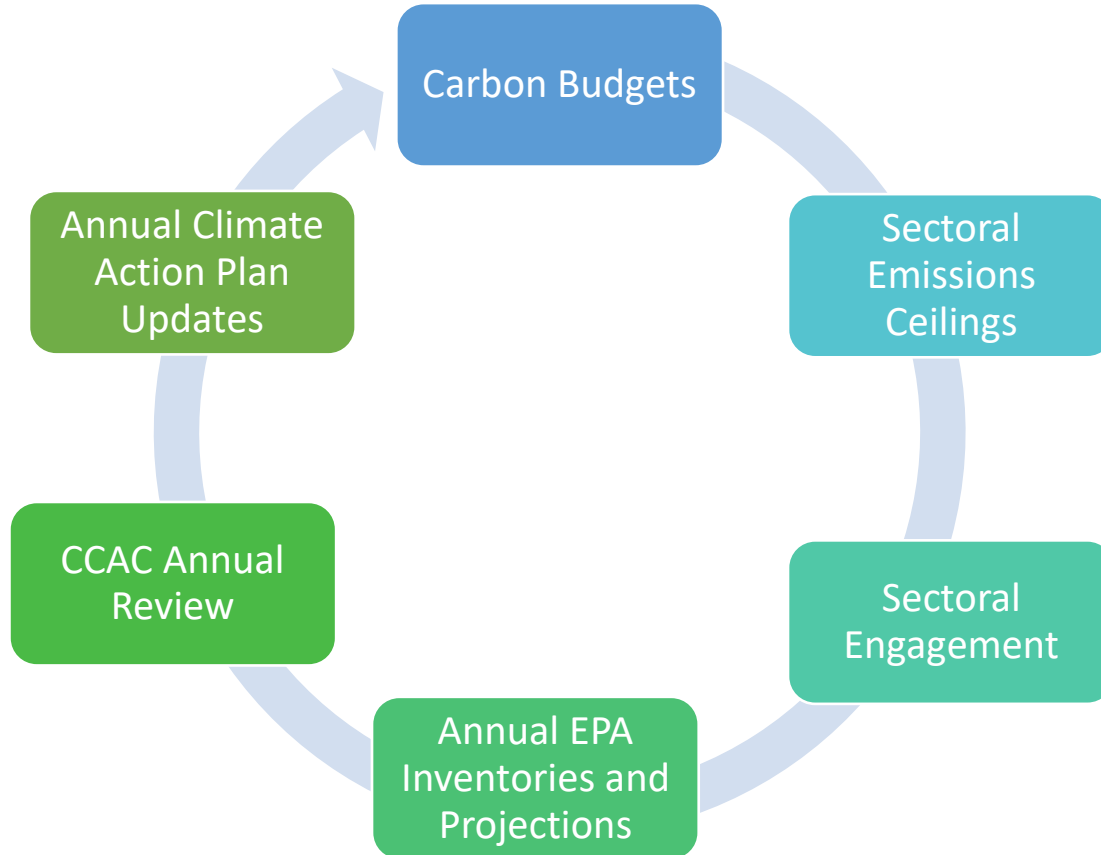
Question 1: What do you expect or want to get out of this workshop?

Question 2: If you had to summarise in one line, what are the most important inputs to carbon budgets?

(Please respond via the Zoom chat function)



Climate Change Advisory Council



2nd Carbon Budget Programme (2022 – 2024) High Level Workplan



- **Carbon Budgets modelling workshop** to consider and review the evidence required and the analytical tools available for the 2nd Carbon Budget Programme
- **Macroeconomic analysis** will need to be developed further for the the 2nd Carbon Budget Programme in order to assess the impacts of the transition.
- A period of **scenario modelling during Q4 2023 – Q3 2024** to inform proposals for the 2nd Carbon Budget Programme is anticipated.
- The CCAC is required to prepare and agree the final proposal for **Carbon Budget 3 (2031 – 2035)** and to develop the provisional proposal for the **Carbon Budget 4 (2036 – 2040)** for submission to the Minister of Environment Climate and Communications by **Q4 2024**.

Agenda Session 1, 09:00 – 11:15



09:20 – 09:50	Climate Change Advisory Council Panel Discussion: Carbon Budgets 1 & 2 and looking ahead to Carbon Budgets 3 & 4 Moderator: Marie Donnelly	Panelists: Dr Cara Augustenborg, Prof. John Fitzgerald, Prof. Peter Thorne, Patricia King
09:50 – 10:05	Refining the "Paris Test" for Ireland's second Carbon Budgets Programme	Paul Price, Carbon Budget Fellow DCU
10:05 – 10:20	TIM, time and tide wait for no one: long-term modelling in an environment of constant flux	Andrew Smith, Carbon Budget Fellow UCC
10:20 – 10:30	Coffee Break	
10:30 – 10:45	SEAI National Energy Modelling Framework and Carbon Budgets	Emma Lynch, Sustainable Energy Authority of Ireland
10:45 – 11:00	Macroeconomic Analysis & ESRI I3E Model Development	Kelly de Bruin, Economic and Social Research Institute
11:00 – 11:15	Closing Summary for Session 1	Meabh Gallagher / Gina Kelly CCAC Secretariat

Objectives



1. Consider and review the **evidence** required and the **analytical tools** available for the 2nd Carbon Budget Programme
 2. Build capacity and knowledge in relation to a **macroeconomic assessment** of the impacts of the transition
 3. Provide a forum to discuss **integration, networking and/or looser 'coupling' of models** with key stakeholders
- *The output from this workshop will be incorporated into a methodology and work programme for the 2nd Carbon Budgets Programme, which will draw on experience from the 1st Carbon Budgets Programme in 2021 to plan the analytical process of developing the final proposal for the 3rd carbon budget (CB3 2031 - 2035) and to develop the proposed 4th carbon budget (CB4 2036 - 2040).*