Hamilton Community Energy + Emissions Plan (CEEP)

Low-Carbon Results & Implementation (Part 1)

Community Stakeholder Advisory Committee

January 14, 2021

Welcome, Introductions, Technical Details

In the chat:

1. Name
2. Affiliation/Company
3. 2020 Highlight

Agenda

January 14, 2021 - 9:30 am EST

1.	Welcome, Introduction, Technical Details + Where we are	10 minutes
2.	*Draft* Low-Carbon Pathway	35 minutes
3.	Q&A + Live Poll	15 minutes

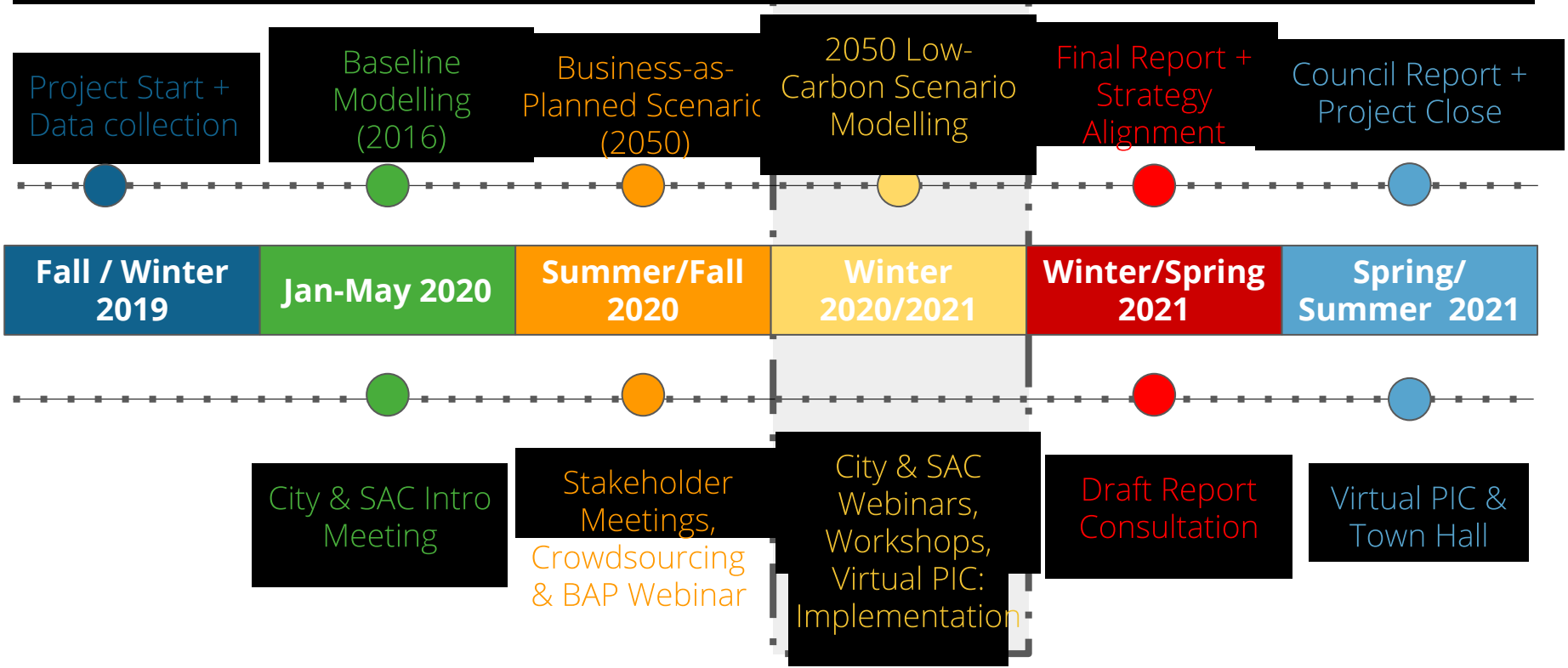
Break (10 minutes)

4.	Implementation Planning Overview	10 minutes
5.	Implementation Exercise	35 minutes
6.	Next Steps	5 minutes

Meeting Objectives

1. Update where we are in the plan
2. Understand the Net-Zero Pathway as it is currently modelled
3. Seek stakeholder feedback on the Net-Zero Pathway
4. Understand and gather feedback on the implementation process
5. Begin designing the implementation pathway

Project Timeline: Where are we?



Since Our Last Meeting

Project Work:

1. Baseline and BAP scenario
2. Low-carbon actions
3. Preliminary low-carbon scenario

Engagement:

1. City webpage /Engage Hamilton
2. Public engagement campaign from now until February 15th.

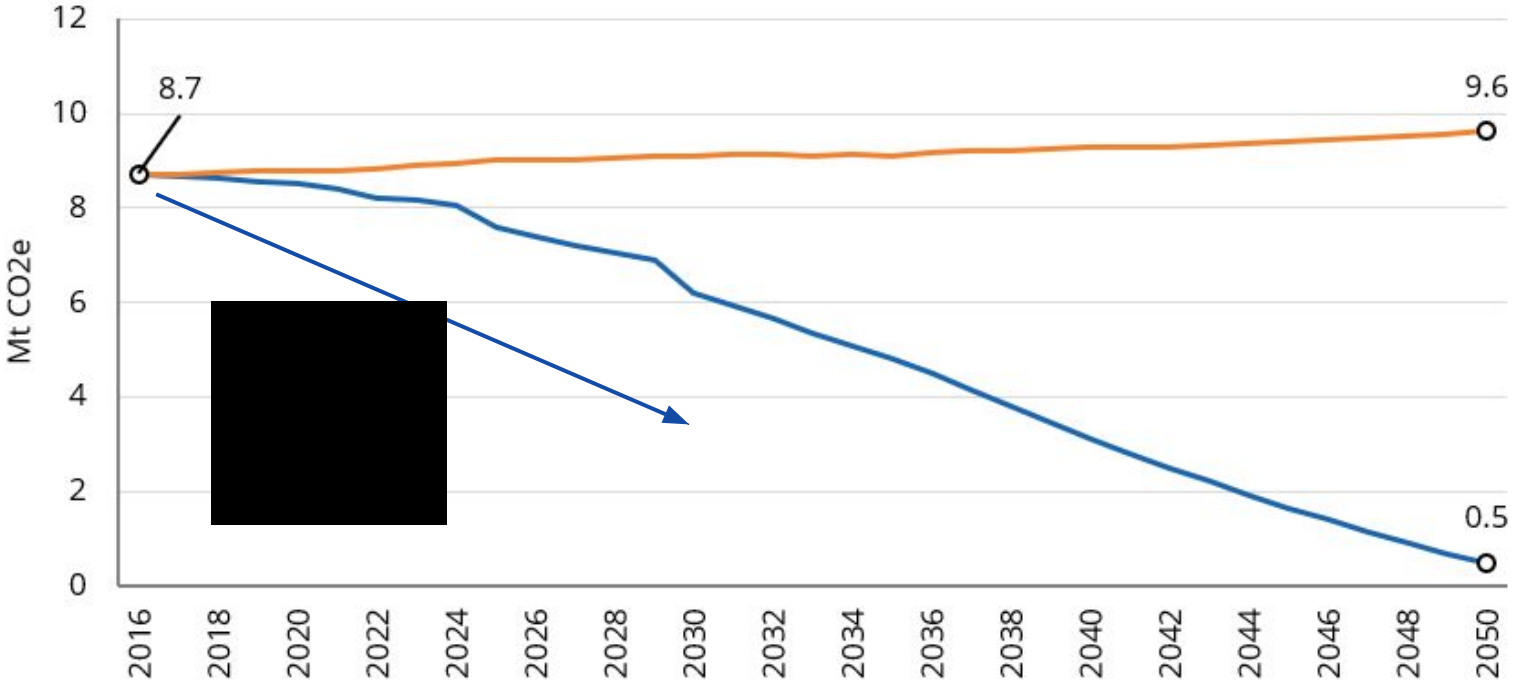
Net-Zero Pathway

Climate Emergency Response

To mitigate the climate crisis it is necessary to scale up

Guiding Principles

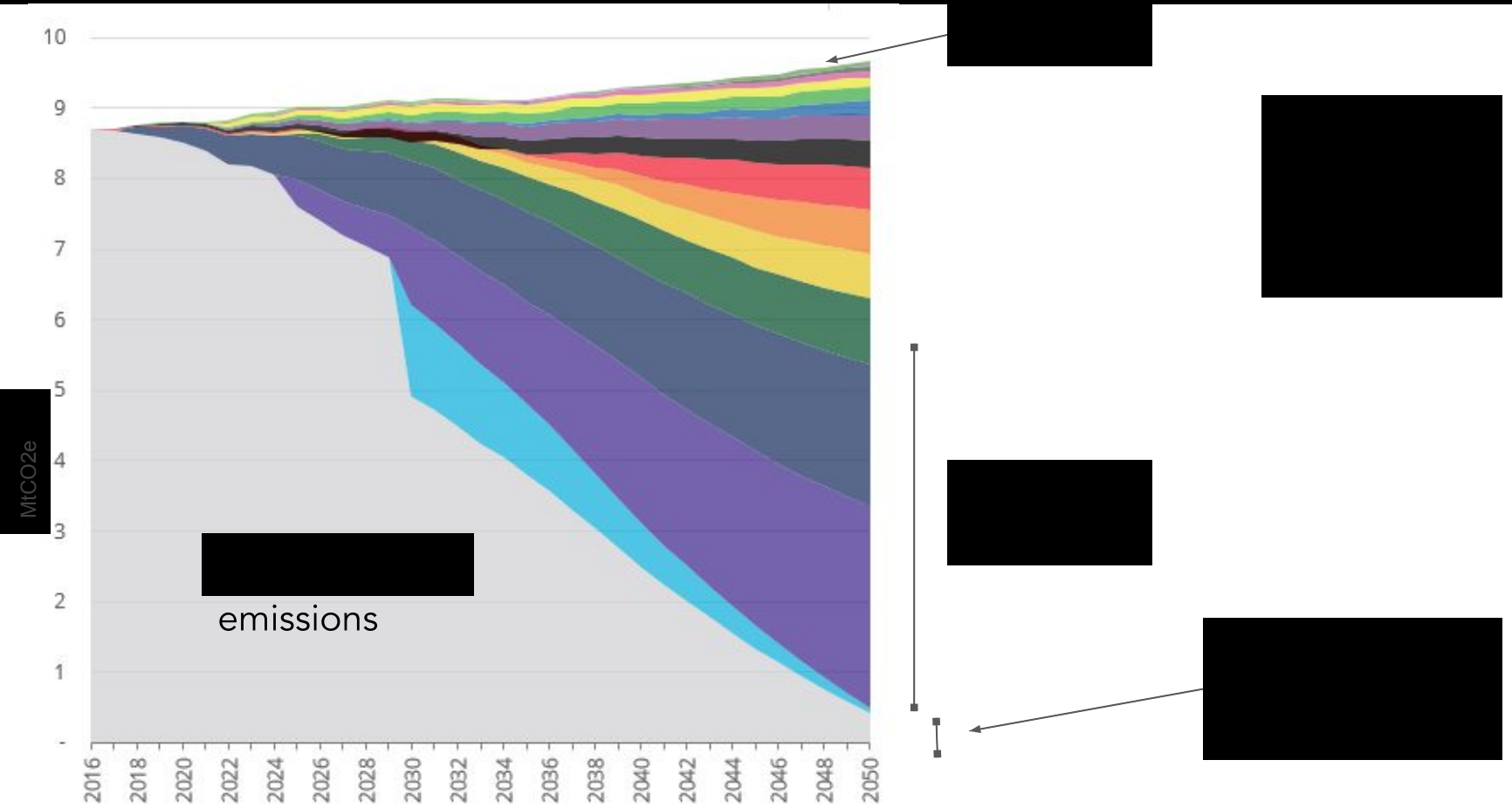
Two Different Futures



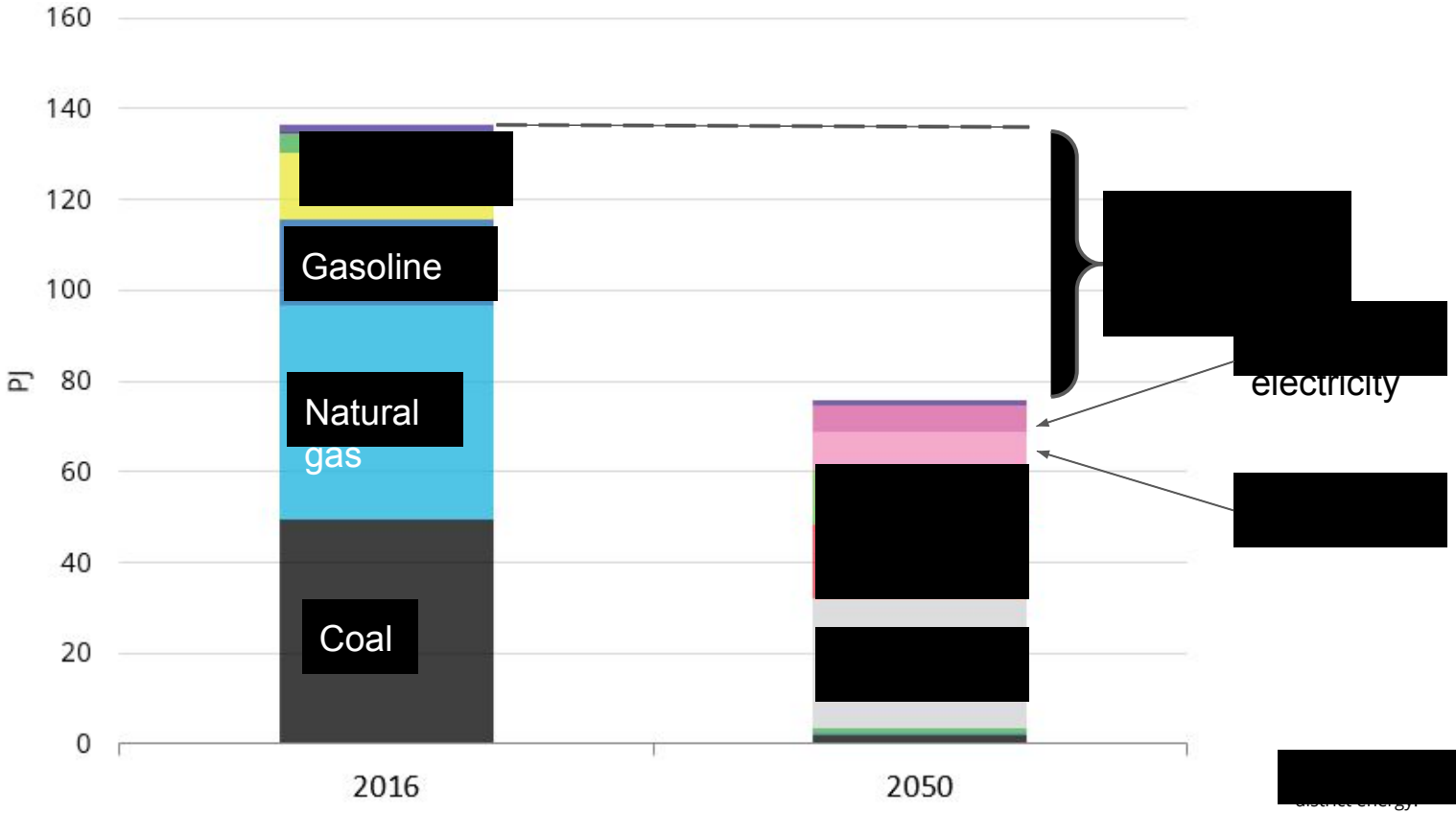
Reduction from BAP

Carbon Gap

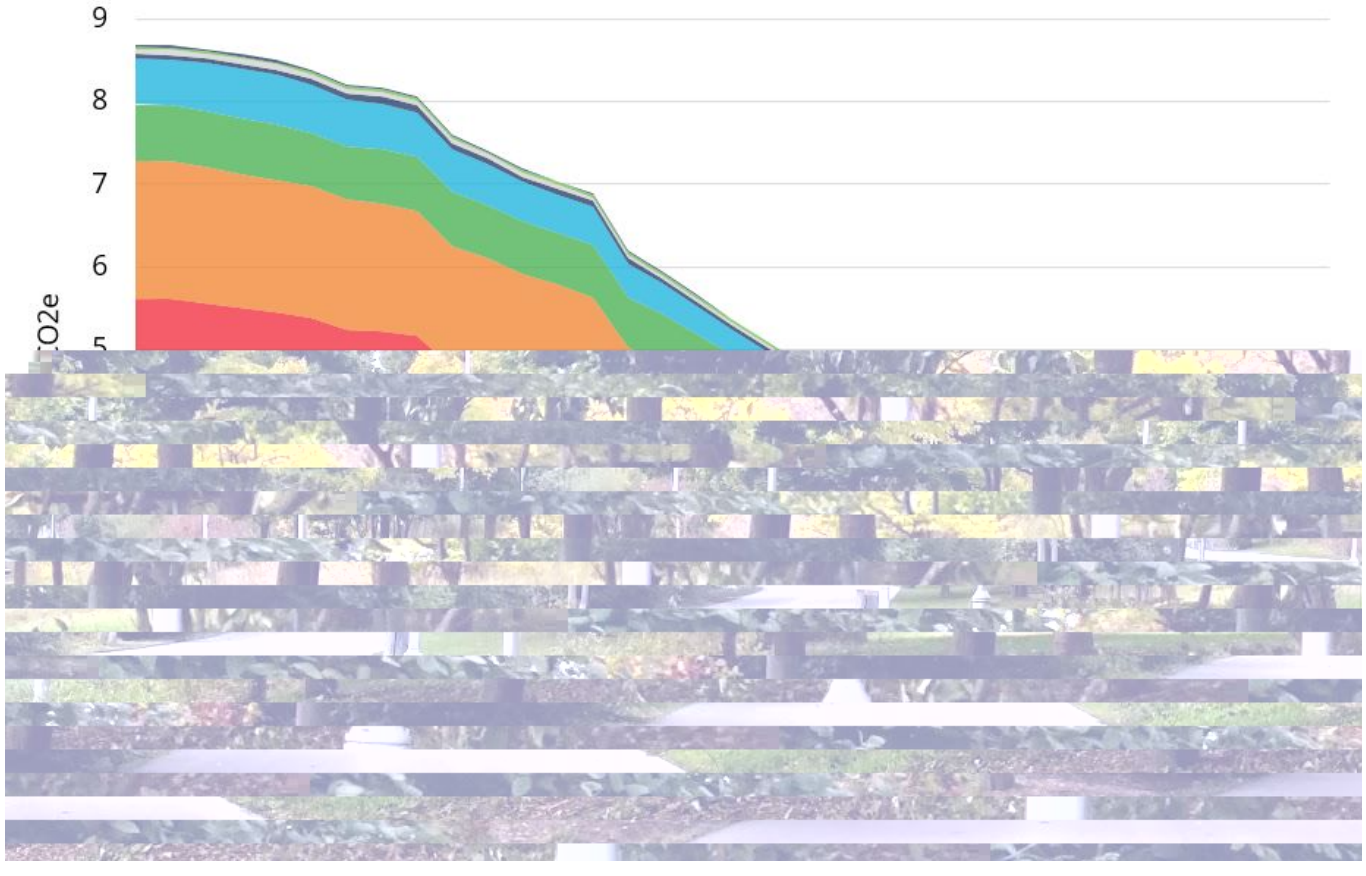
Net-Zero: How do we get there?



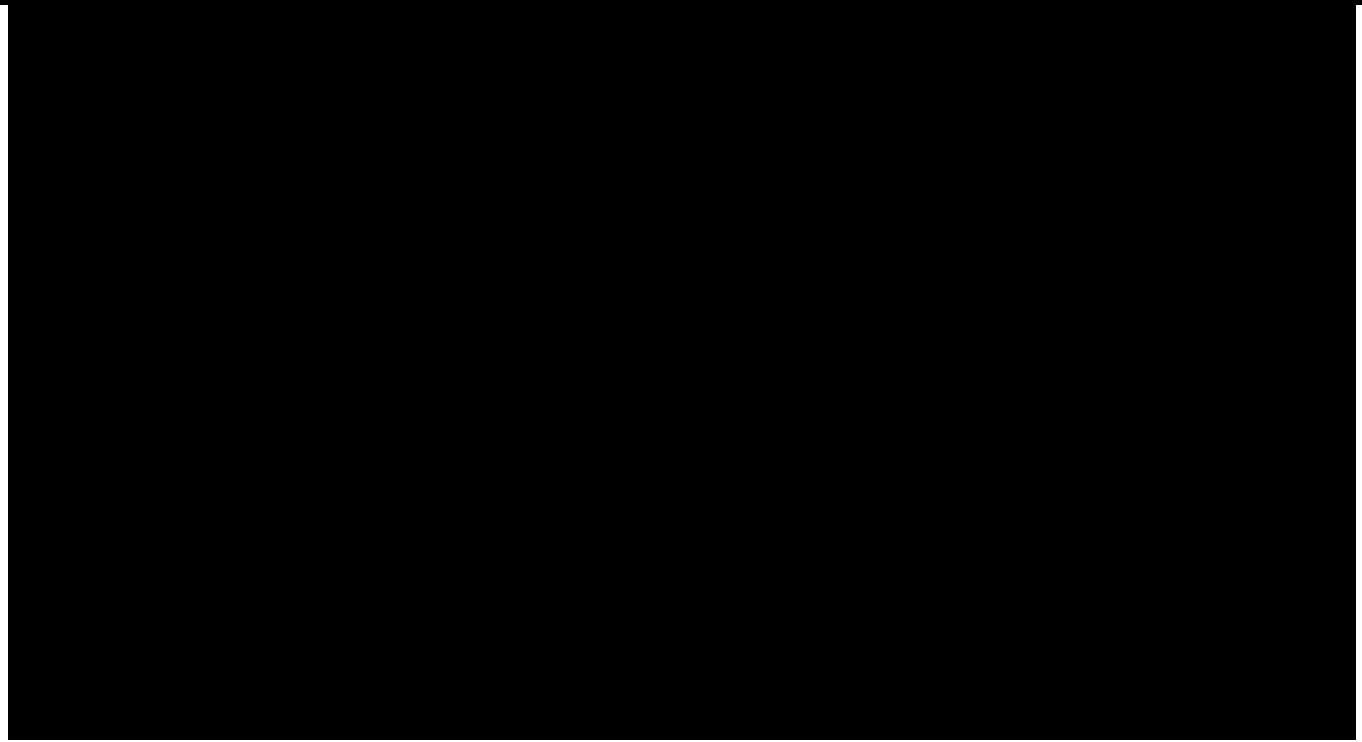
A Transformation of the Energy System



What is Left?

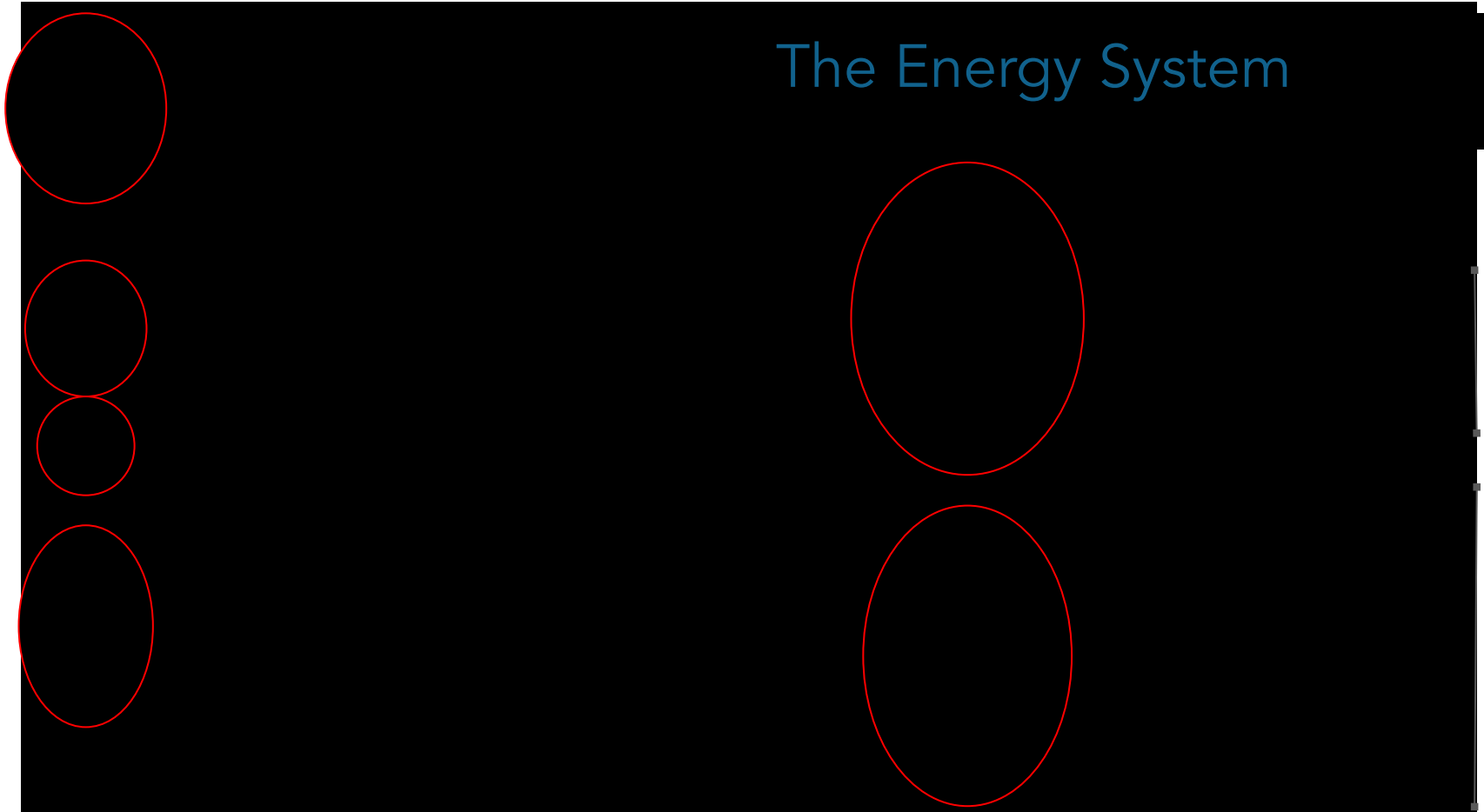


Carbon Gap

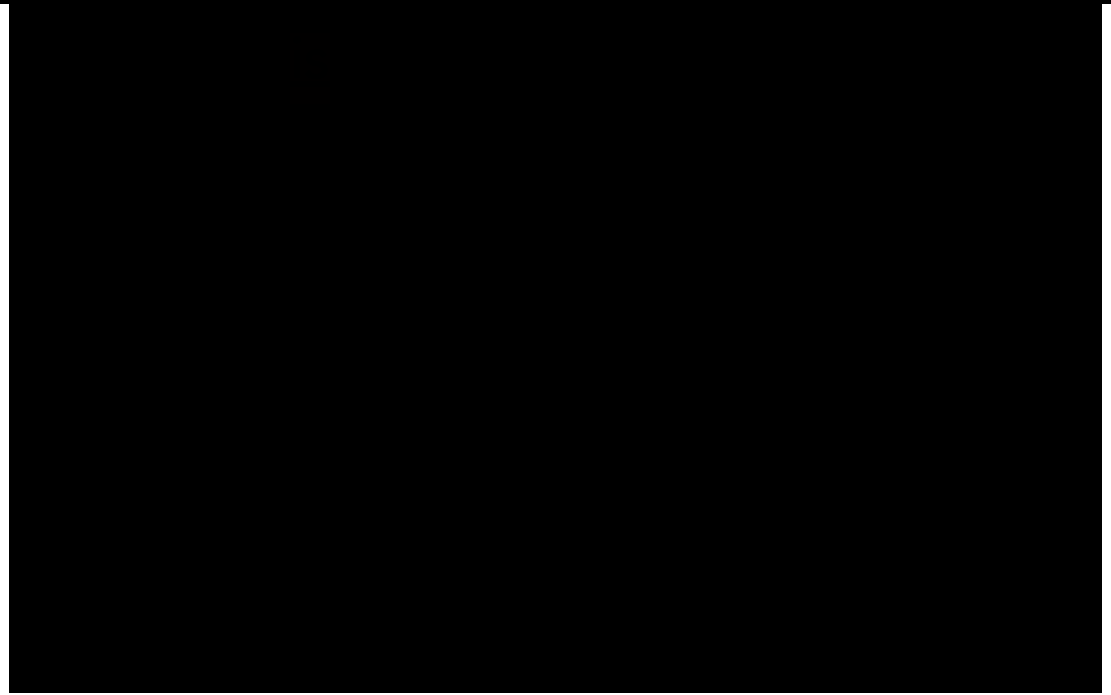


→ *Key strategy: offsets + technological innovation*

The Energy System



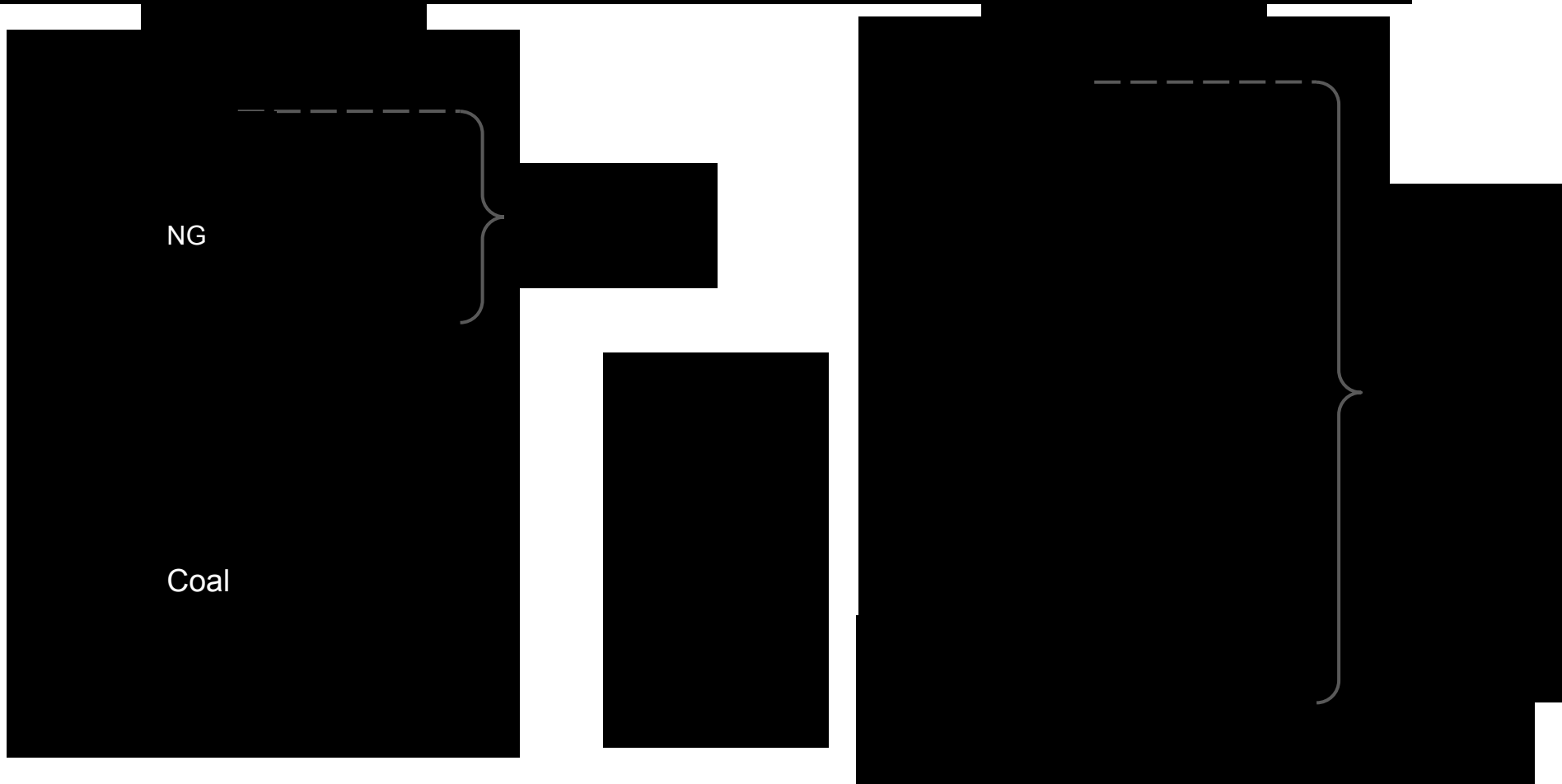
Key Insights



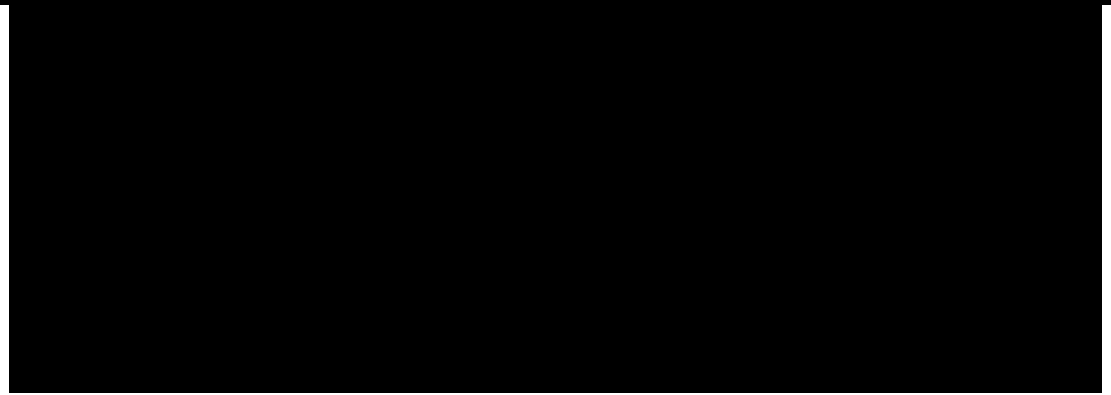
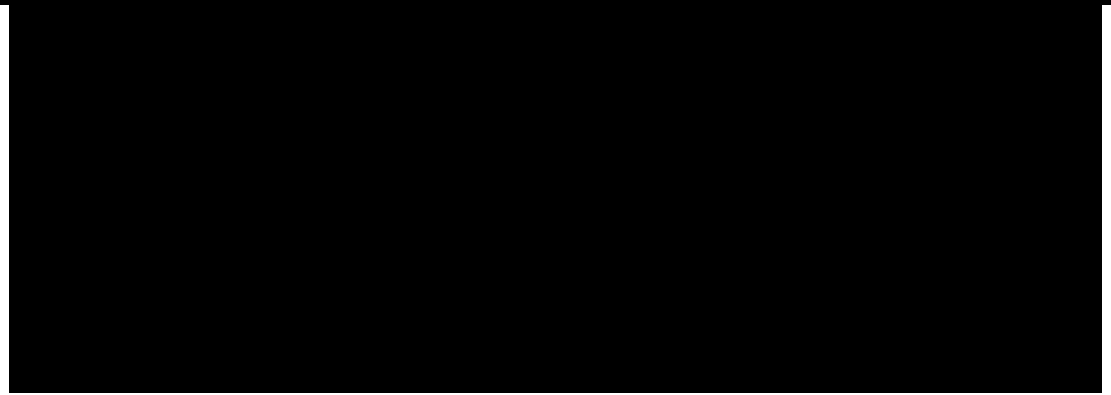
A Pathway for Industry (≈51% of Net Zero Pathway)

Primary Industry (Steel) **≈30%**	• 50% reduction in emissions by 2035, net zero by 2050 • commitment to using new technologies, e.g.: biochar, carbon capture, alternative renewable energy
Secondary Industry **≈21%**	• Starting in 2021, increase efficiency by 50% by 2050

A Pathway for Industry



INDUSTRY- Key Insights



INDUSTRY- Key Insights