



Net Zero Carbon Cities: Cork

Energy Cork Conference

November 2022

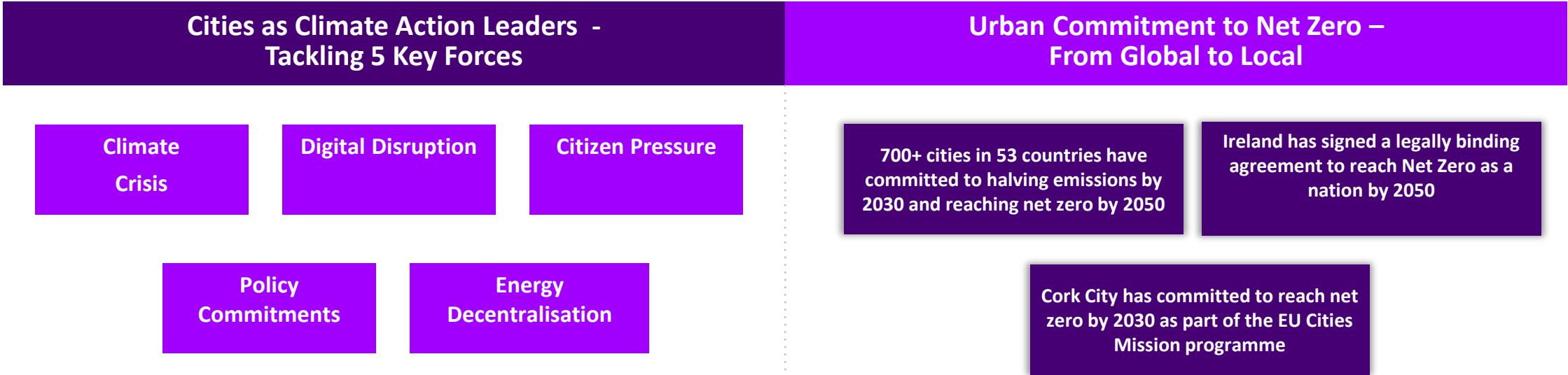
The Big Picture

Cities are the front line for climate action – containing **more than 50% of the global population**, consuming **over 78% of the world’s primary energy** and generating **70% of emissions**.

In **Ireland**, **64%** of people live in **towns and cities**, and **40% of emissions** come from **transport and housing**.



Role of Cities in Accelerating to Net Zero



Sources: Home > Net Zero Carbon Cities | World Economic Forum (weforum.org); Latest emissions data | Environmental Protection Agency (epa.ie); Ireland - Rural Population - 2022 Data 2023 Forecast 1960-2021 Historical (tradingeconomics.com); 700+ cities in 53 countries now committed to halve emissions by 2030 and reach net zero by 2050 - C40 Cities; gov.ie - Ireland's ambitious Climate Act signed into law (www.gov.ie); Cork selected by European Commission to lead on climate action - Cork City Council

The World Economic Forum in collaboration with Accenture are driving the action required to support change

Net Zero Carbon Cities Programme

Mission: To create an enabling environment for clean electrification and circularity, resulting in urban decarbonisation and resilience

Building on our work with the World Economic Forum, we have developed the **Net Zero Carbon Cities Toolbox of Solutions and City Sprint Methodology**, which are designed to be **used in tandem to kickstart and accelerate urban decarbonisation** in cities across the world.

Global City Sprint Locations





Why Cork was chosen as the pilot NZCC location in Ireland...

Cork City Context



Suitable city scale for pilot initiative



A diverse range of business and community stakeholders within the city



The home of cutting-edge climate research – UCC, MaREI, Clean Technology Centre, MTU, etc



Aligns with the proposed Cork City Development Plan 2022-2028



The Financial Times Foreign Investment Index found Cork to have the most economic potential of any small European city in 2022/2023

Target cities



City stakeholders, including *Energy Cork*, are collaborating to identify solutions that will accelerate achieving Net Zero



Banking & Financial Services

Utilities & Energy

Industrial & Manufacturing



Local Government

Universities

Public Transport Providers



Business & Innovators

Civic Society

Citizens



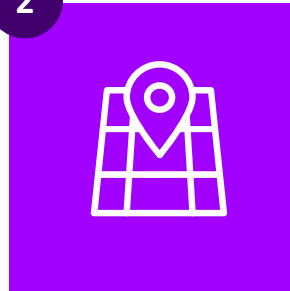
Target Outcomes for Sprint

1



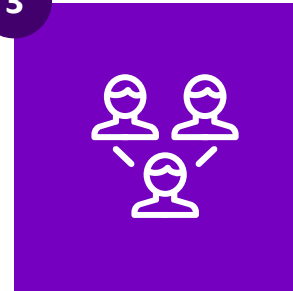
Understand the
system-wide
benefits for Cork
City to become Net
Zero

2



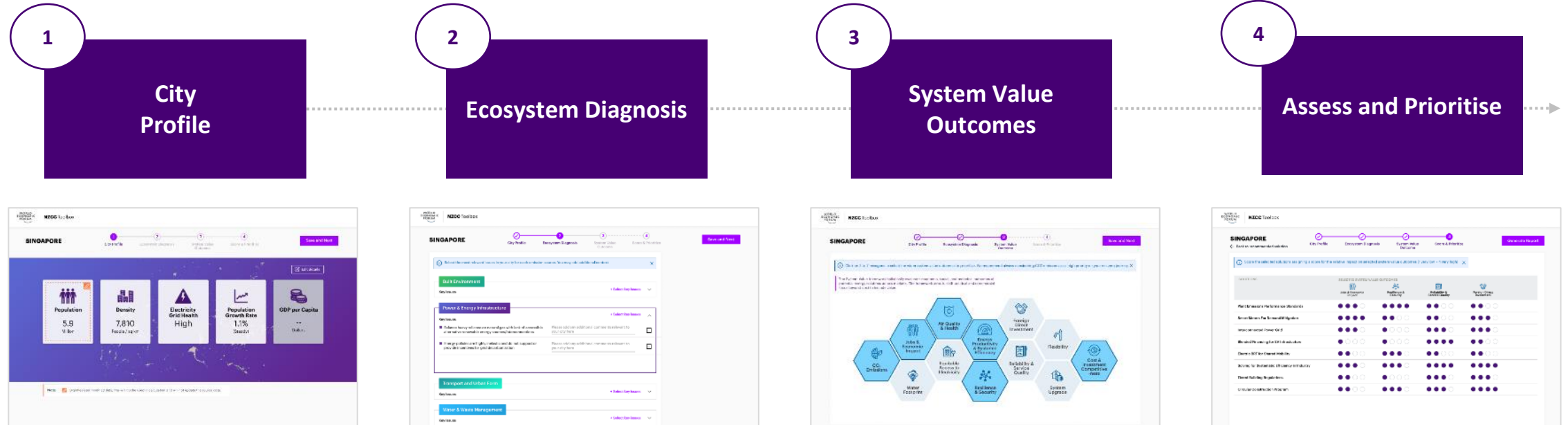
Develop a set of
prioritised solutions
that begin the
journey to Net Zero

3



Enable a
collaborative
environment which
fosters **enduring**
partnerships

The Net Zero Carbon Cities Toolbox was developed to showcase ~270 innovative real world examples of urban decarbonisation



Visit the NZCC Toolbox [here](#)



Thank you

