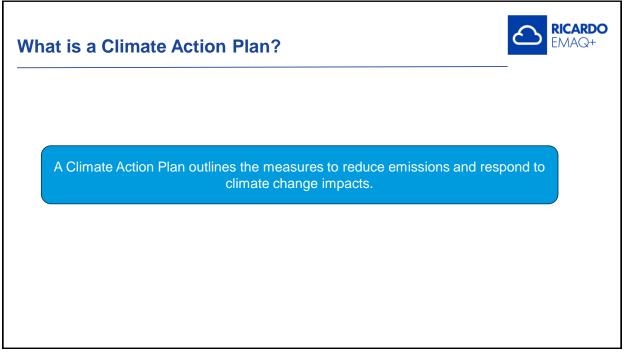
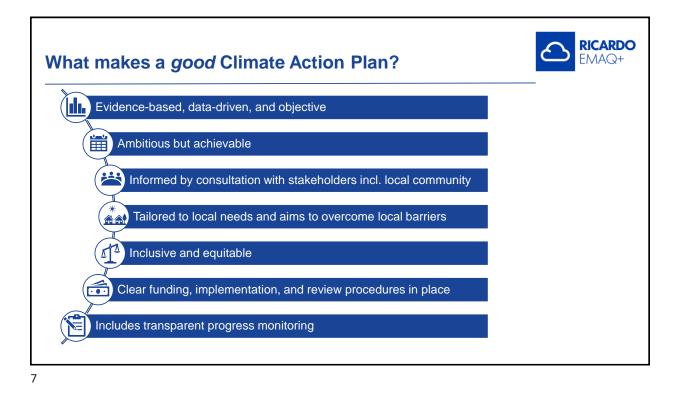
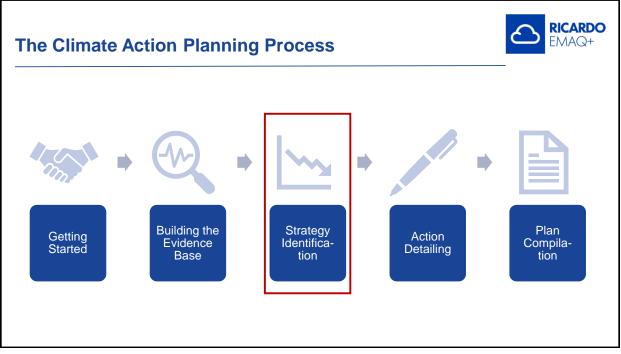
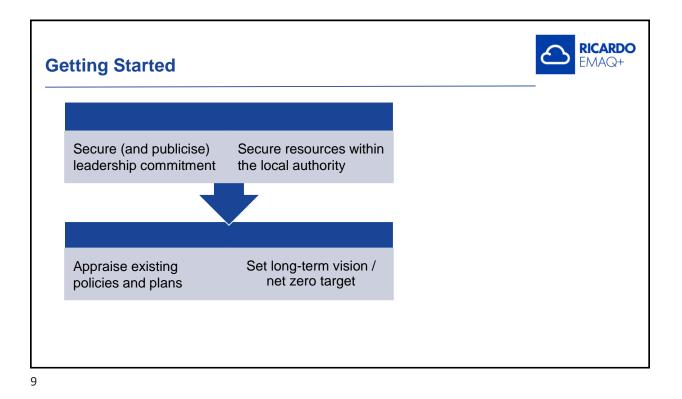


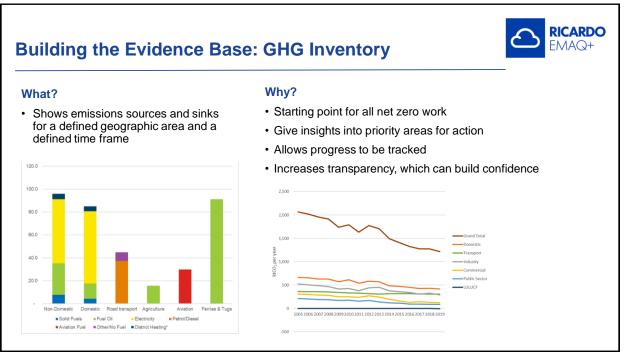
AGENDA

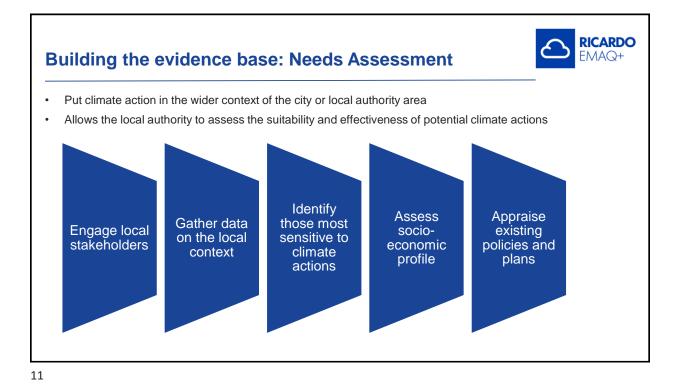














Strategy Identification Introduction: Bus Shelters and Bees



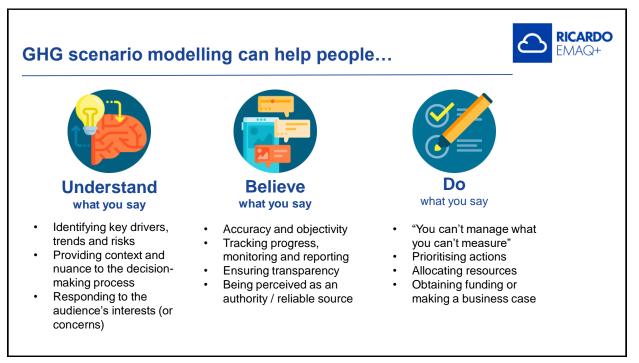
When starting work on a new climate action plan, the first step is to assess the client's **level of understanding**, along with their **current targets and commitments**.

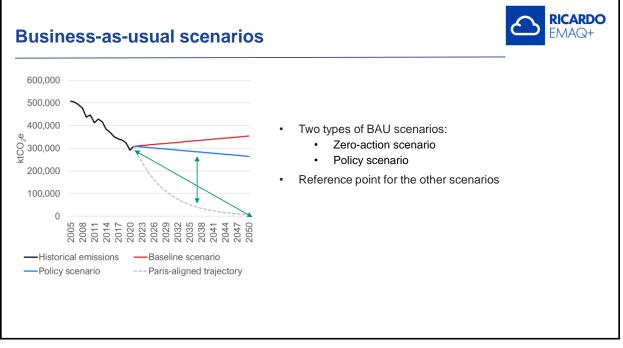
Often, this will include **relatively small-scale actions** that may not have a quantifiable impact.

The first step is to help them understand **key actions aimed at tackling all sources of emissions**, and then develop a **holistic implementation plan**.

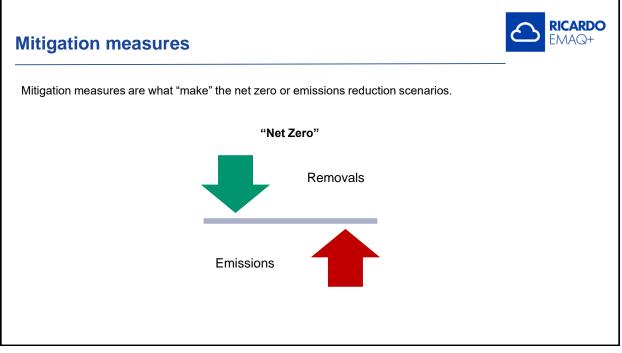
That's where scenario modelling comes in.

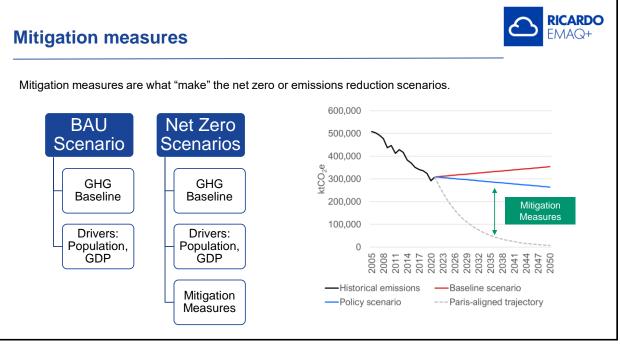


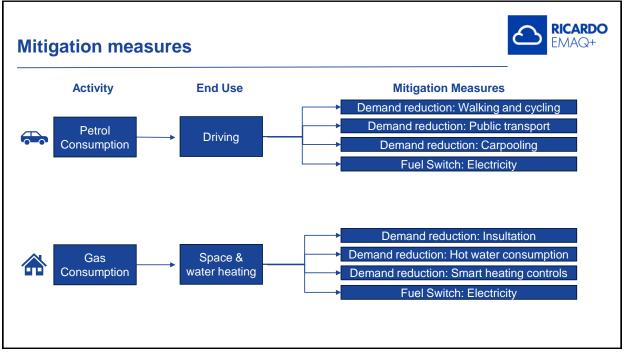








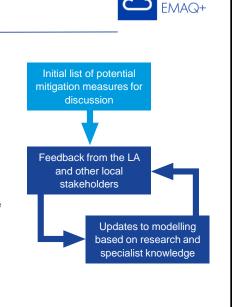


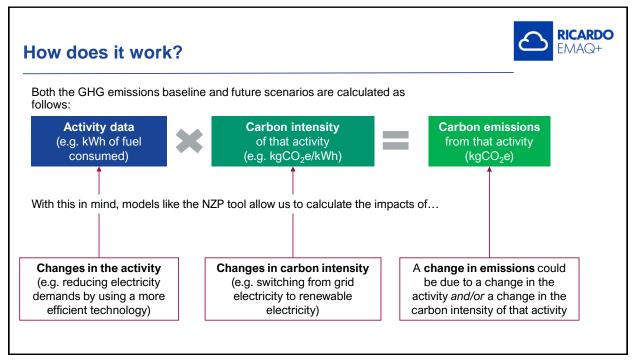


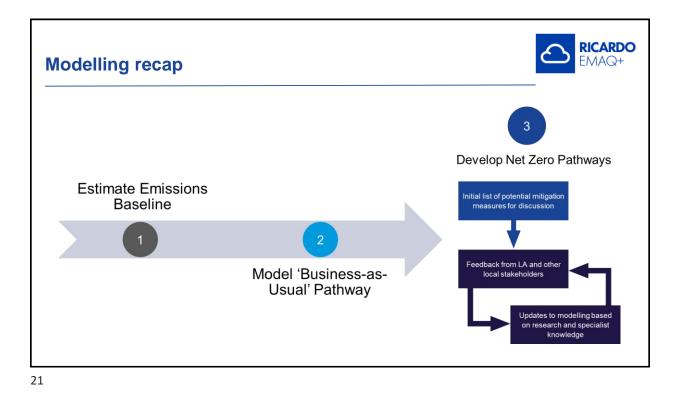
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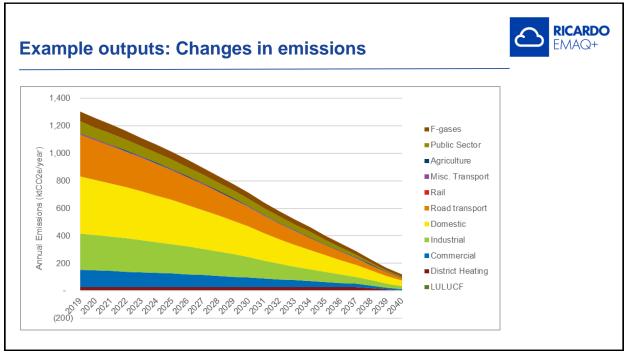
Mitigation measures

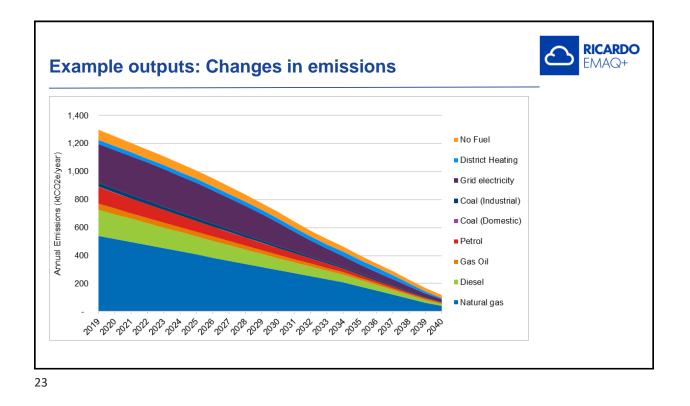
- Mitigation measures are most commonly a "mix and match" of different sources. This also depends on what the pathway is supposed to represent, e.g. realistic with current means or explorative, with funding not yet in place.
- · Common examples are:
 - Policy targets or ambitions, e.g. "We aim to reduce vehicle kilometres by 20% by 2030."
 - Research into typical impacts of measures, e.g. "Government statistics show that solid wall insulation reduces energy consumption by 18% on average."
 - Detailed feasibility studies, e.g. "Our supermarket roof can accommodate 50 kW of PV, producing 42,500 kWh of renewable electricity each year, which will replace grid electricity."
 - Benchmark estimates, e.g. "500 houses will be constructed per year, each using 8,000 kWh of gas."
 - Assumptions about technologies, e.g. "Replace all petrol cars with electric vehicles."

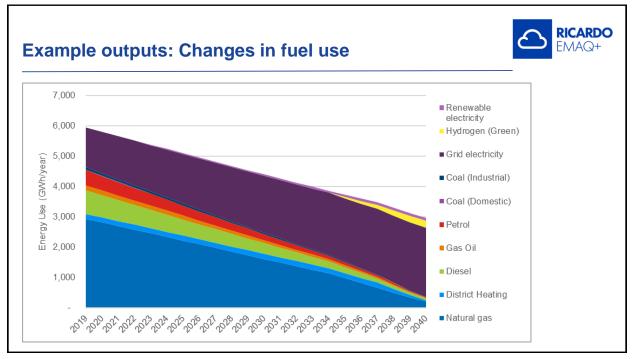


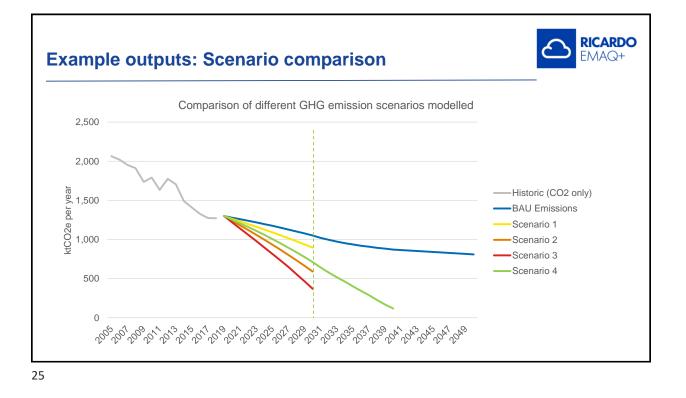


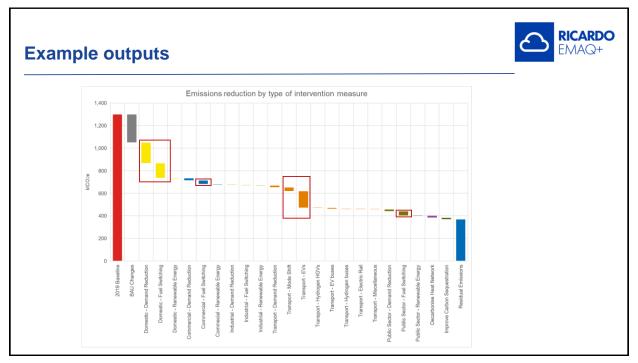




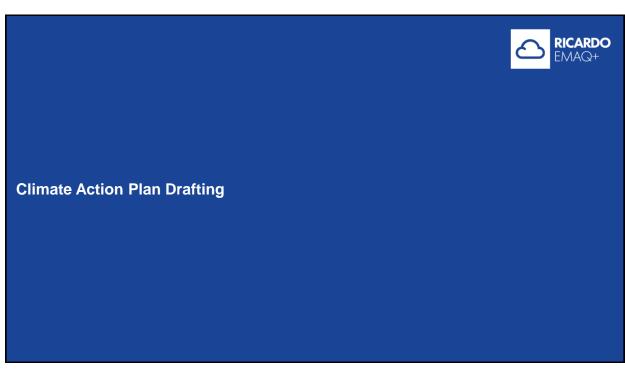


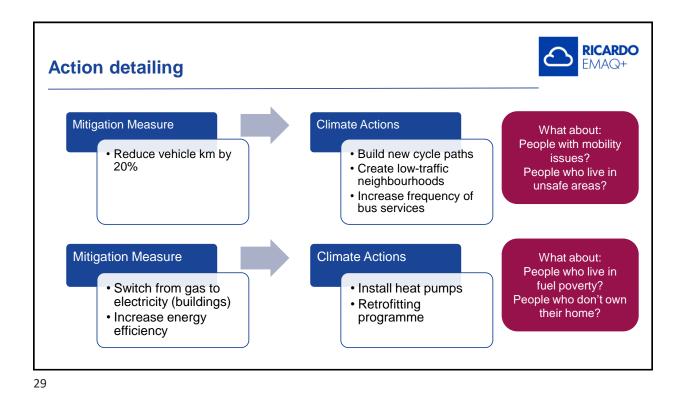


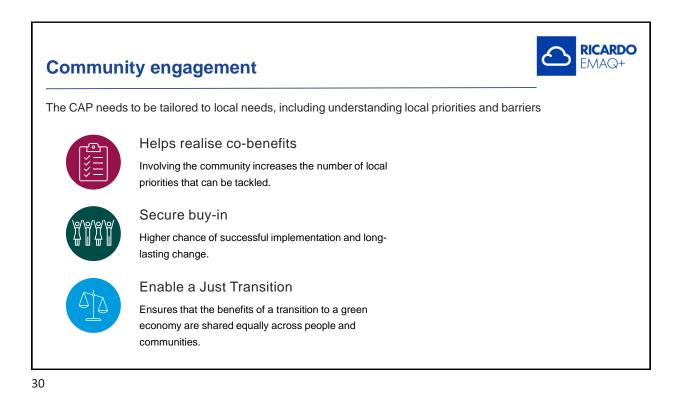


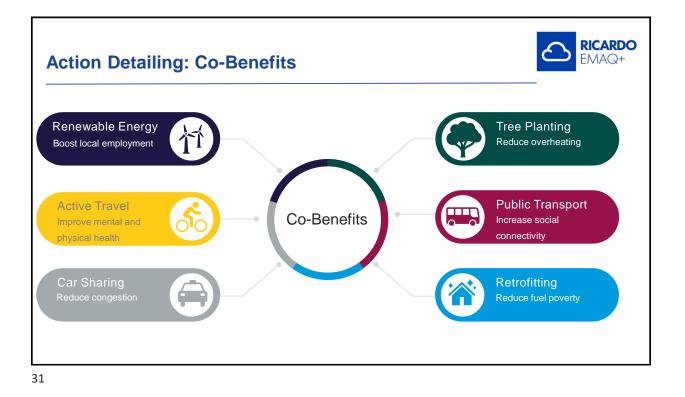


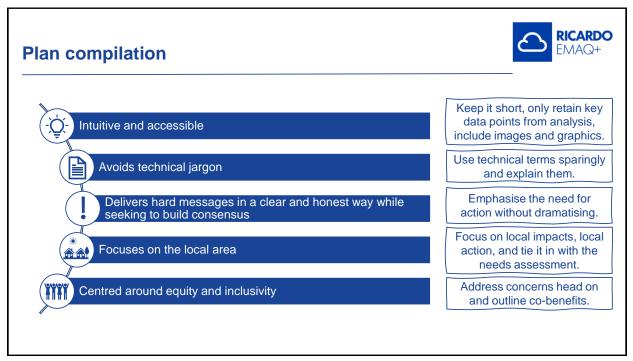
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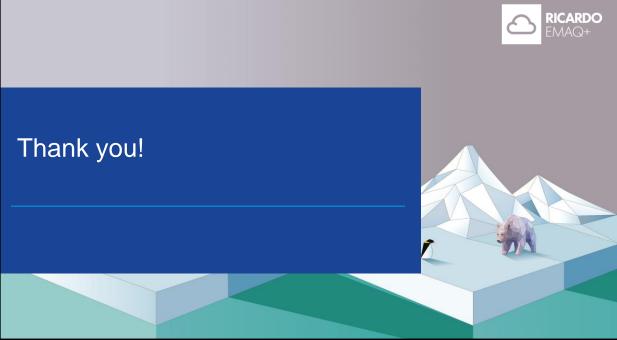




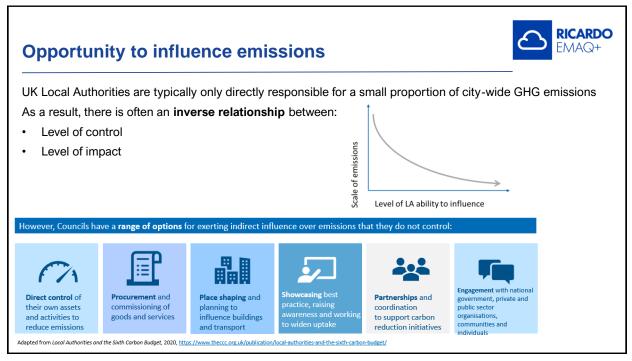


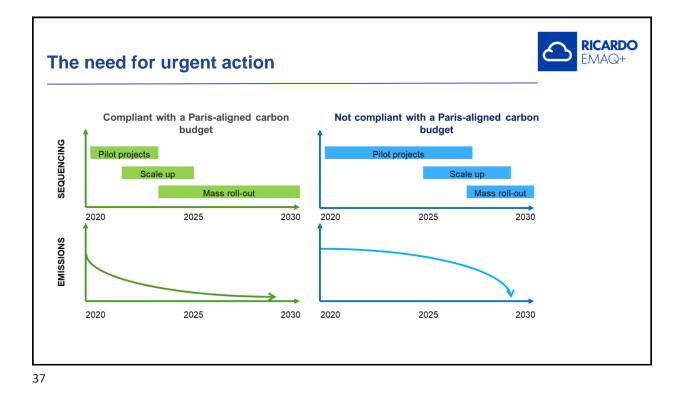












Questions to ask during the modelling

Questions to ask yourself		Points to consider
Ģ	What are the main sources of emissions?	Targeting 'big ticket' items will show a larger impact on emissions.
۶Ľ	What sources of emissions can the local authority (or other key stakeholders) control?	This is important when developing action plans – Local Authorities want to know what they can influence.
°	What policies, projects or initiatives is the local authority most interested in?	Scenario modelling can be used to provide evidence in support of a particular project/policy/proposal.
<u>ш</u>	What are the main underlying drivers of emissions in this case?	Focus on modelling the most relevant trends. For example, a planning authority might care most about new housing, whereas a business might care most about economic growth projections.
A	Do we have evidence to quantify the impact on emissions?	If there's insufficient evidence, it may not be appropriate to model. Try to describe the impacts qualitatively or provide off-model estimates if necessary.
	Will our advice change if we model a specific trend or mitigation measure?	If it doesn't change our advice, don't spend too much time on the modelling and address the impacts in the report instead.

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