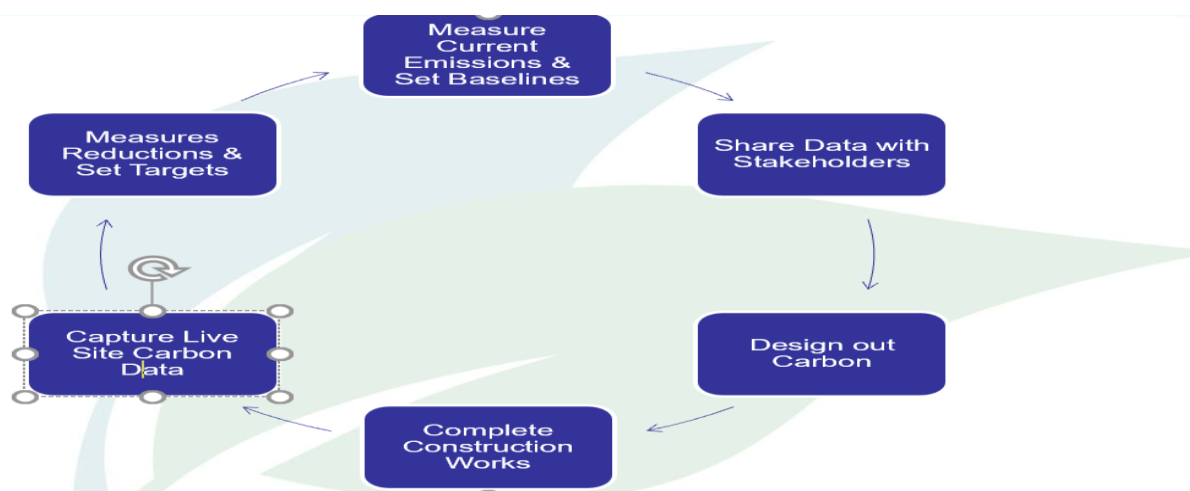


Carbon reduction road map – construction works

In 2019 Devon County Council declared a Climate Emergency. [The Interim Carbon Plan is available to view on our website.](#)

Within Highways, Infrastructure and Development, we have been working hard to understand our carbon emissions for our construction works and embed a business module for reduction. We are in the early stages of our journey, but we would like to share our proposed continuous improvement model

N.B. currently in trial period:



What is our Road Map?

We have identified 7 stages of work required:

1. Set the Baselines	What do our current CO2 emissions look like? Work with contractors to develop an understanding of our current CO2 omissions.
2. Design out Carbon	Develop a tool that helps reduce carbon through strong design. (Carbon Impact Assessment Designers Tool)
3. Asset Management Approach	Establish an approach that considers carbon impacts whilst setting schemes/budgets and treatment types.
4. Live Site Carbon Data	Work with contractors to establish a standard for returning live CO2 emission data from construction sites.

5. Data Storage	Develop a method of storing returned live site data to enable us to report openly and assist our decision making going forward.
6. Measurement of Carbon Reduction	Develop reporting tools and performance management regime and measure carbon reduction. Establish a way to re-educate 'baselines' using live site data.
7. Education/Set the Culture for Change	Become carbon literate in the service. Support teams to understand opportunities and work collaboratively with contractors to reduce emissions.

Our proposed timelines are:

Carbon Reduction Road Map - Construction Works								
Stage 1	Set the Baselines							
Stage 2	Design out Carbon							
Stage 3	Asset Management Approach							
Stage 4	Live Site Carbon Data							
Stage 5	Data Storage							
Stage 6	Measurement of Carbon Reduction							
Stage 7	Education/Set the Culture for Change							
////////////////////////////////////		Apr-20	Aug-20	Dec-20	Apr-21	Aug-21	Dec-21	Q1 2022
								Q2 2022

If you would like to learn any more about our Carbon Reduction journey, please let us know by contacting [Victoria Walsh](#).