



Construction
Leadership
Council

CO₂nstructZERO
The Construction Industry's Zero carbon change programme

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Co₂nstructZero – The aims



*“Construct Zero’s role is **not to develop new solutions, roadmaps or new pathways** – there are many groups in the industry well placed to do this – but we believe that the CLC does have a critical role to play in **bringing people together to consolidate collective actions and plans** for the sector.*

*We can help **drive change** by helping to **share innovative solutions and set transparent goals and clear actions** that everyone can help to achieve.”*

Andy Mitchell CLC Co-Chair

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- ❖ The anchor for the programme is the 9 priorities which will be used to frame the following 3 strands of activity:-
 - ❖ **Performance measurement**, establishing a suite of milestones, metrics and targets which businesses and the industry as a collective can use **to demonstrate progress**
 - ❖ **Signposting & support**, providing signposting to the relevant initiatives aligned to the 9 priorities for businesses, **supporting industry learning** through events and speaking opportunities, using business champions to build up 'businesses like mine' learning materials.
 - ❖ **Communications & Engagement**, covering Government, client, consumer and industry engagement to **share the sector's story** and champion the policy change required to deliver Net Zero.

The nine priorities

Transport

- 1 Accelerating the shift of the construction workforce to **zero emission vehicles** and **onsite plant**
- 2 Optimise the use of **Modern Methods of Construction** and improved onsite logistics, in doing so reducing waste and transport to sites

- 3 Championing **developments** and **infrastructure** investments that both **enable connectivity with low carbon modes** of transport and design to incorporate readiness for zero emission vehicles

Buildings

- 4 Work with Government to **deliver retrofitting** to improve energy efficiency of the existing housing stock
- 5 Scale up industry capability to deliver **low carbon heat solutions in buildings**, supporting heat pump deployment, trials of hydrogen heating systems and heat networks

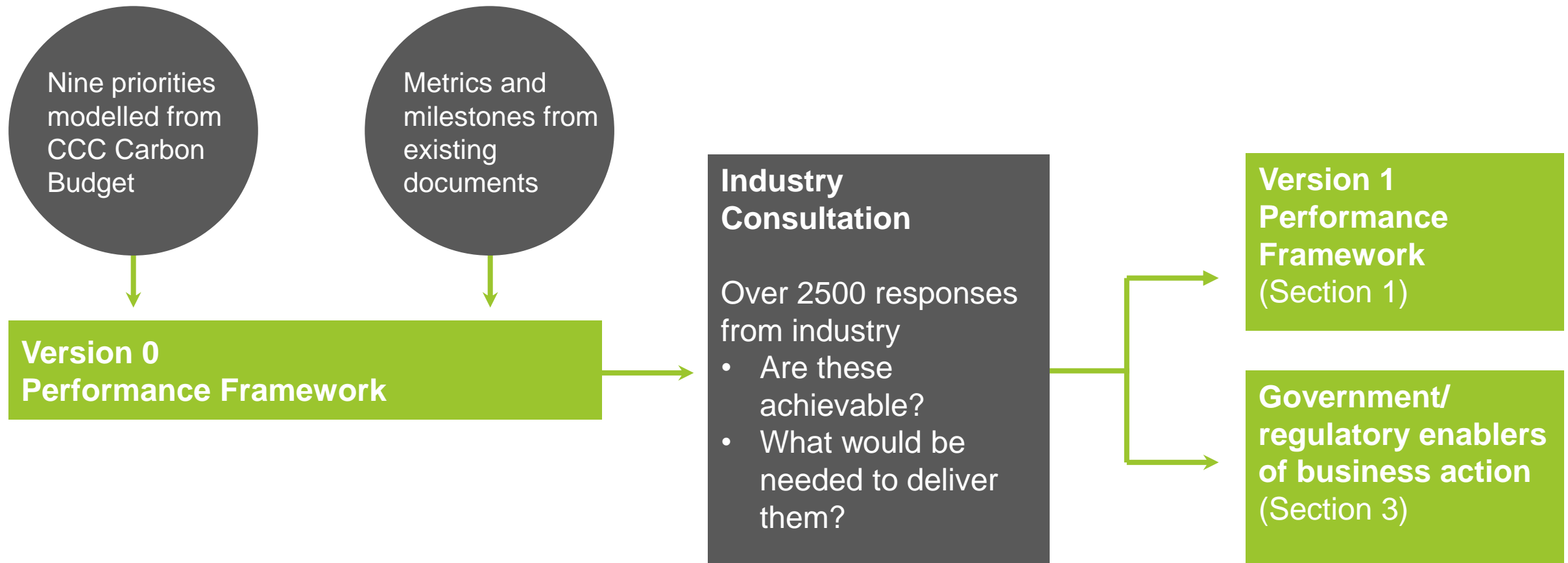
- 6 Enhancing the **energy performance** of **new and existing buildings** through higher operational energy efficiency standards and better building energy performance

Construction activity

- 7 Implementing **carbon measurement**, to support our construction projects in making quantifiable decisions to remove carbon
- 8 Become world leaders in **designing out carbon**, developing the capability of our designers and construction professionals to design in line with circular economy - shifting commercial models to reward measurable carbon reductions

- 9 Support development of innovative **low carbon materials**, as well as advancing low carbon solutions for **manufacturing production processes and distribution**

How has it been developed?





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Performance Framework

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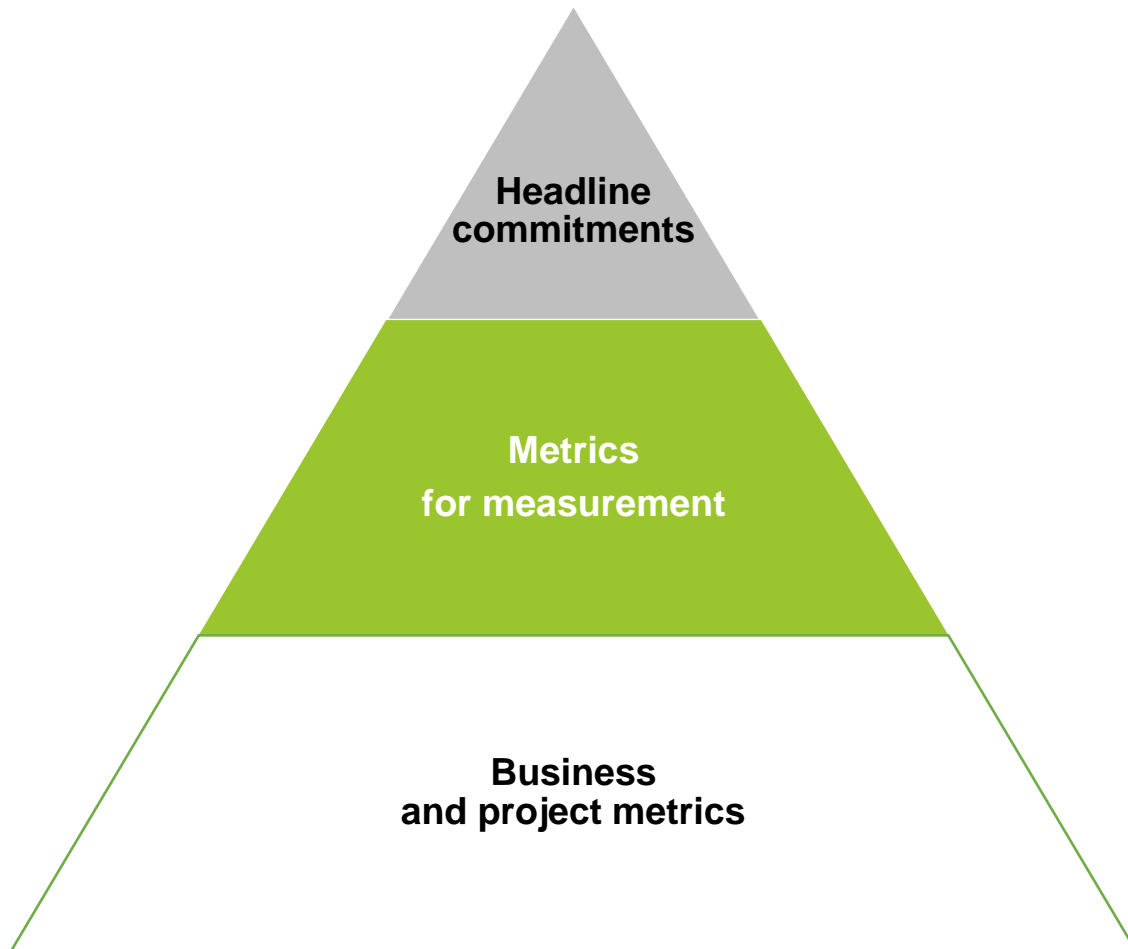
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Structure of the Framework



The headline commitments are the top level 'outcome' measures of success, one aligned to each of our 9 priorities. Progress against each will be reported on a quarterly basis and will be determined from the metrics for measurement (below).

Metrics for measurement are the sector level indicators of progress towards the headline commitments, they will be collated by the CLC on a quarterly basis by drawing data together from the data point owners to tell the sector's story.

Business and project metrics are provided for guidance on preparing aligned plans at a business and project level, these will be looked at ad-hoc by the CLC if required to better understand progress on the metrics for measurement.

1

Accelerating the shift of the construction workforce to **zero emission vehicles** and **onsite plant**

Sector – CLC to monitor

Business – for guidance

Project – for guidance

Headline commitment

78% of diesel plant to eliminated from construction sites by 2035

Metrics for measurement

Annual increase in non-diesel plant in use from plant hire firms

Set a date to phase out diesel plant and fleet

For larger projects consider installing EV charging points at site establishment

Every construction or client business over 250 staff to trial 1 zero diesel site by end of 2023

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Annual increase in electric vans in construction fleet

Set a year on year business mileage reduction target from 2022 – 2025

Measures site miles / £m of project costs to reduce year on year

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How will Construct Zero's metrics be used?

Publication

- Reported to Government to demonstrate the sector's progress
- Published on CLC website
- Used by the Advisory Board to assess progress & challenge back
- Feedback to the Programme Board & Task Force on performance and areas of focus



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Communications

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Communications & Engagement

*covering Government, client, consumer and industry engagement to **share the sector's story** and champion the policy change required to deliver Net Zero*

- ❖ **Government engagement**, partnering with Government in the run up to COP 26 to ensure Construction has a presence at major events such as the DiT investment summit
- ❖ **Outside the sector**, telling the sector's story in the media and press
- ❖ **Sector Events**, hosting sector wide thematic events to share learning and progress
- ❖ **Business Champions**, working with the Business Champions and CZ Advisory Board as advocates and spokespeople

Opportunities to get involved & support

Performance measurement, to demonstrate progress

- Respond on the quarterly reporting when asked
- Review your business and project plans against the guidance

Signposting & support, supporting industry learning

- Become a business champion to feature your story on CLC website & comms
- Work through Trade Bodies to influence Gov and other industries

Communications & Engagement, share the sector's story

- Share you news and announcements through CLC channels
- Aligning COP 26 plans