

Energy & Climate Change Directorate  
The Scottish Government  
St. Andrew's House  
Regent Road  
Edinburgh  
EH1 3DG

29<sup>th</sup> April 2021

To whom it may concern,

**Response: Consultation on The Low Carbon Infrastructure Programme – Support Development of Future Programme.**

The Institution of Civil Engineers (ICE) is the independent voice on infrastructure and the leading source of expertise in infrastructure and engineering policy.

ICE is a global body with 92,000 members. ICE Scotland represents around 9,000 members, who are drawn from across the public, private and academic sectors. Our members design, build and maintain Scotland's critical transport, water, flooding, energy and waste infrastructure as well as educating the next generation of engineers. However, we are not a trade body. Our Royal Charter requires that we act in the public interest and the following comments have been developed in this way.

**Climate Ready Infrastructure**

ICE Scotland has long called for an increased programme of infrastructure development, maintenance and adaptation and our 2020 report, [Climate Ready Infrastructure](#), sets out our position on this. The call for evidence set out in this consultation is aimed principally at the future support for supporting the delivery of large-scale heat decarbonisation projects for buildings. This aligns with the ICE Scotland recommendations on adapting our infrastructure in general for a resilient low carbon future. As the consultation is around the programme, timings, enabling and financing the next LCIP there are areas where ICE Scotland is not in a position to make responses. However, as Civil Engineers work to decarbonise buildings, there are some comments we would set out within this letter.

LCIT support to date has support to date been on an individual project by project basis and limited in scope. The Scottish Infrastructure Commission, to which ICE Scotland made a significant submission, in its stage 1 and stage 2 reports made a number of recommendations for the future of Infrastructure in Scotland and for a low carbon future. This included strategically assessing Scotland's Infrastructure as a whole and introducing an outcome-led approach.



Very many aspects of our infrastructure are interdependent upon, and interact with one another. We would suggest that the future development of such large-scale heat decarbonisation programmes should be integrated into to the SIC recommendations.

While considerable progress has been made, low carbon technologies remain new and significant research and development (R&D) is required ahead of the market consolidation. In the context of the timescales for decarbonisation, this development needs to take place at speed and will therefore require appropriate financing mechanisms.

For the construction sector to invest in low carbon infrastructure, collaborative and sustainable procurement practices are required along with a consistent and definable workstream. We appreciate that procurement conversations between government and industry are ongoing across a variety of forums and is necessary to ensure that Scotland's home-based businesses are fully engaged in the decarbonisation programme.

ICE Scotland members are well positioned to be part of the creation of strong, productive and sustainable places for the people to live and work in for generations to come. Low carbon infrastructure will be an integral part of this. We would welcome further engagement in this work as it develops.

Yours sincerely,



James Young BSc, FICE, CEng

Public Voice Committee

ICE Scotland



Annex D – Respondent Information Form

**RESPONDENT INFORMATION FORM**

**Please Note** this form **must** be completed and returned with your response.

To find out how we handle your personal data, please see our privacy policy:  
<https://www.gov.scot/privacy/>

Are you responding as an individual or an organisation?

- Individual
- Organisation**

Full name or organisation's name

THE INSTITUTION OF CIVIL ENGINEERS, SCOTLAND

Phone number

0141 221 5276

Address

105 West George Street, Glasgow,

Postcode

G2 1QL

Email

scotland@ice.org.uk

The Scottish Government would like your permission to publish your consultation response. Please indicate your publishing preference:

- Publish response with name**
- Publish response only (without name)
- Do not publish response

**Information for organisations:**  
The option 'Publish response only (without name)' is available for individual respondents only. If this option is selected, the organisation name will still be published.  
If you choose the option 'Do not publish response', your organisation name may still be listed as having responded to the consultation in, for example, the analysis report.

We will share your response internally with other Scottish Government policy teams who may be addressing the issues you discuss. They may wish to contact you again

in the future, but we require your permission to do so. Are you content for Scottish Government to contact you again in relation to this consultation exercise?

**Yes**

**No**