

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- Do not publish response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If you choose the option 'Do not publish response', your organisation name may still be listed as having responded to the consultation in, for example, the analysis report.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

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

29th April 2021

To whom it may concern,

Response: Consultation on Scottish skills requirements for energy efficiency, zero emissions and low carbon heating systems, microgeneration and heat networks for homes.

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 maintenance and adaptation and our 2020 report, [Climate Ready Infrastructure](#), sets out our position on this. The proposals set out in this consultation, whilst aimed principally at the trades skills required for the installation of new energy efficient and low carbon insulation and heating systems to buildings, align with the ICE Scotland recommendations on adapting our infrastructure in general for a resilient low carbon future. Given that the consultation is around the specific trades and professional skills associated with plumbing, heating, ventilation and insulation of domestic homes, ICE Scotland is not in a position to make responses to the very skill sector specific questions within the consultation. However, as our domestic housing stock is a significant part of our buildings infrastructure and the complete transport, energy, water, communications and other infrastructure systems which support our communities, and that Civil Engineers are at the heart of these infrastructure systems, there are some comments we would set out within this letter.



In terms of skills in general, we note that the proposals make no mention of the Skills Investment Plan for Scotland's Construction Sector, developed by Skills Development Scotland for the Scottish Government and Construction Scotland and suggest that these skills proposal should align with the SDS SIP.

As noted, the skills referred to in this consultation are principally plumbing, heating, insulation etc and include both professional and trade skills. However, any building undergoing such adaptation is likely to require a civil/structural engineering assessment of some form with potential civil/structural works being required to facilitate the energy efficiency adaptations and development of heat networks. ICE Members must meet exacting standards in order to be professionally qualified. We consider that the current ICE skills and qualifications standards are more than adequate to meet such engineering requirements, and these professional skill sets should be recognised within these proposals.

In terms of supporting and achieving such skills requirements, there has been extensive discussion over the past few years with the construction sector. The outcome of this is the recognition that collaborative and sustainable procurement practices are required along with a consistent and definable workstream. These form a foundation for businesses to invest in skills and training. We appreciate that conversations in this space are taking place through the development of the Scottish Construction Accord which ICE is actively feeding in to.

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

Yours sincerely,



James Young BSc, FICE, CEng

Public Voice Committee

ICE Scotland

