

# Preface

This book has been written to provide an insight into innovations for sustainable building design and refurbishment in Scotland which were developed through collaboration of academics and industry, and supported by the CIC Start Online project. During the project delivery from 1st September 2009 to 28th February 2013, a wide range of innovative construction products and processes were developed or improved in response to the industry requests for assistance. The book provides an overview of the themes that were addressed through the project because they indicate the industry needs and the issues that had to be tackled through planning of the built environment, sustainable building design, low carbon technologies, modern methods of construction, building refurbishment and retrofit, and testing of building performance.

The research outputs were disseminated through interactive webinars and quarterly online magazine Innovation Review. The book authors, who are academics from universities involved in the project delivery, highlight some of the case studies available on the project website [www.cicstart.org](http://www.cicstart.org) which remains accessible. The book provides examples of a wide range of innovations and indicates links to research reports, webinars, videos, and articles which provide more information. The project outputs have been and will continue to be used by students, researchers, and professionals interested in developing a more sustainable built environment.

The seven universities involved in the project delivery would like to thank European Regional Development Fund and Scottish Government for the project funding and to Scottish Enterprise for funding of academic consultancies. The assessment of the applications submitted to CIC Start Online would not have been possible without the voluntary work of the members of the independent Assessment Panel. Dissemination of the project outputs would not be as successful without the participation of the businesses engaged in research with academics. We would also like to thank over 2,300 national and international project members whose participation in interactive online webinars contributed to lively discussions and indicated that the project outputs were of interest to the construction sector worldwide.



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The Outputs of CIC Start Online Project

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