

Materials UK – Construction Working Group

Potential ways forward for the Construction Working Group within MatUK

The Working Group should look to develop a vision for the construction industry with a 10+ year horizon, linked back to the requirements for materials. The output should be in the form of a roadmap with the identification of barriers and potential solutions to enable the vision to be achieved.

The scope of the work should initially be the building sector, but this may be expanded to other aspects of construction during the 2 year project.

The basic steps will be:

1. Identify the key drivers for the industry over a 10 year timeframe to make the UK construction industry more competitive. This should be done from the customers' and designers' perspectives.
2. Link these to the products, processes and systems required.
3. Link these to the developments in materials, technologies, science and processes required.

The roadmap should highlight the current situation and therefore the gap to the vision, barriers and potential solutions, measures of progress and KPIs.

The scope is broad and therefore the Working Group will have to prioritise and focus on particular areas to explore in more detail. The material specific sub groups will have a key role here.

Consideration should be given to how the roadmap should be communicated and kept updated after the 2 year timescale of the project.

Likely drivers / visions include:

- Sustainability
Self sufficient in energy and water, using raw materials from sustainable sources, very low maintenance, recyclable / re-usable, security and safety, low emissions and waste
- Industry efficiency, low cost
Cost of materials, ease and speed of installation, pre-assembly, shorter and more efficient supply chains
- Style
Appearance (interior and exterior), design, comfort

Action:

The Working Group is invited to consider the above and develop the outline of the way forward for the Group

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