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BUILDING A LOW CARBON FUTURE - TACKLING EMBODIED CARBON IN THE SELECTION OF BUILDING MATERIALS

1. What percentage of global energy-related emissions is the built environment responsible for?
2. Over a building's life cycle, what is currently more important and why: operational or embodied carbon?
3. What are the major sources of embodied carbon?
4. Could you outline World Green Building Council's plan to reduce embodied carbon?
5. After considering the embodied carbon of materials, what is the next biggest challenge facing the construction sector when selecting a building material?
6. What are Environmental Product Declarations?

At the end of this panel, attendees will be able to:

- Identify the potential impacts of climate change, the targets in place to limit its damage, and degree to which the building sector is part of the problem
- Define the terms 'operational carbon' and 'embodied carbon' as they apply to the built environment
- Outline ways that low carbon and carbon neutral materials can be produced
- Identify ways for designers and manufacturers to achieve net-zero by 2050

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