

**THE CHALLENGE**

Over the last two decades, Malaysia has undergone a rapid pace of infrastructure development that has continued to the present time. This growth is still evident in the region as



demonstrated by the 4.1% expansion in the construction industry. However, the new trend is likely to impact this sector as buyers consider the information on greenhouse gas emission as important for their procurement decisions. The majority of multinationals state they would be prepared to source products from a different country if this reduced carbon emissions. This represents a real opportunity, and significant risk for Malaysian SMEs.

**THE OBJECTIVES**

The project aims at developing guidelines, tools and the supporting mechanism for product footprinting and labelling that meet the needs of the local and international market, and creating the recognition and preference for sustainable products from SMEs in the Malaysian construction and building materials sector.

**THE WAY FORWARD**

- Designing and coordination of the methodology and scheme framework for the certification and labelling scheme for Malaysian construction and building materials;
- Development of generic environmental declaration scheme as umbrella framework that will meet the needs of the Malaysian SME's domestic and export markets;
- Development of product category rules (PCRs) development as a reference document describing the standardised environmental performance criteria to enable quantitative, consistent and objective assessment of different products within a category or sector;
- Launching of the environmental declaration scheme and Product Carbon Footprinting (PCF) and labelling scheme.

DURATION



Total budget: EUR 2,043,229.41 (EU Contribution 80%)

**LEAD PARTNER**  
SIRIM Berhad, Malaysia

**PARTNERS**  
The Carbon Trust (TCT), UK

Federation of Malaysian Manufacturers (FMM), Malaysia

Malaysia Green Building Confederation (MGBC), Malaysia

Building Materials Distributors Association of Malaysia (BMDAM), Malaysia

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**SIRIM BERHAD**  
SIRIM Berhad is the lead partner and responsible for the overall project management and implementation. It is the government machinery for quality, research and technology development and transfer.

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**THE CARBON TRUST (TCT)**  
TCT is a project partner. It plays a role in project management of toolkit development, technical and methodological advice, knowledge transfer and using its extensive business networks within the construction industry in the UK and Europe.

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**FEDERATION OF MALAYSIAN MANUFACTURERS (FMM)**  
FMM is one of project partners serving as a direct linkage to the building materials manufacturers. It plays a role in project management of relevant sections and is the target group benefiting from project results.

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**MALAYSIA GREEN BUILDING CONFEDERATION (MGBC)**  
MGBC is one of project partners serving as a direct linkage to users and evaluators of sustainable building construction. It plays a role in project management of relevant sections and is the target group benefiting from project results.

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**BUILDING MATERIALS DISTRIBUTORS ASSOCIATION OF MALAYSIA (BMDAM)**  
BMDAM is one of project partners serving as a direct linkage to the building materials distributors. It plays a role in project management of relevant sections and is the target group benefiting from project results.

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