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WELCOME TO BEYOND SMART SUSTAINABLE MANUFACTURING - BSSM

ONLINE TRAINING

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08. BEYOND SMART CITIES PRODUCT SERVICES

SECTION - SMART SUSTAINABLE MANUFACTURING

About Smart-pro Product Rating System

While the demand for environmentally sustainable products has only grown exponentially in recent years, the need for sustainable solutions is a timeless problem. SmartPro –Product Rating system is developed by Beyond Smart Cities in India. SmartPro assesses 'How Green is a product' based on a holistic product life cycle framework and highlights the way forward to achieve excellence in environmental performance. The certification system guides the manufacturers to position their products as 'Green'.



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SmartPro rates all directory products. This site only sells trustworthy, sustainable, and environmentally friendly products, but some are better than others and budget matters. We consider product carbon emissions and other climate impacts when available.

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SmartPro Product Certification Benefits

New Market Opportunities

- Enhances the market reach with credible and precise information on the green features

Gain a competitive advantage.

- Differentiates the green product from the competition

Reduce Environmental Impact

- ensures the environmental performance of the products and equipment. Ensures toxic and carcinogen-free products.

Cost Savings

- Increase the efficiency of manufacturing practices by removing redundant processes, thus leading to cost savings in energy and water usage for the sustainably manufactured product.

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SmartPro Rating System

The SmartPro Products Rating adopts a holistic approach based on the 'Life Cycle' of the product. The rating system encourages the product manufacturers to implement measures that would result in environmental, health and wellbeing benefits at the following stages of the life cycle of the products



Product Design & Performance

Certification necessitates the manufacturer to demonstrate its top management commitment towards improvement of the environmental performance of the product.



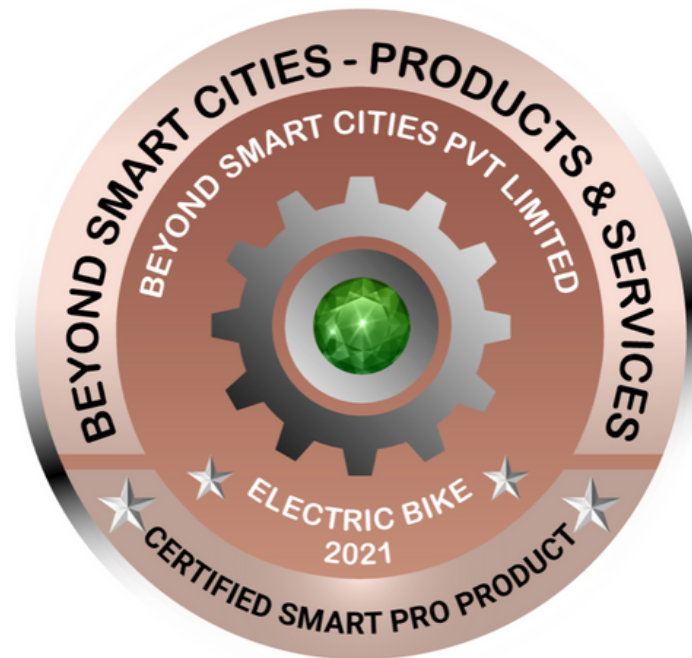
Materials & Resources

Certification demands for efforts to bring down the use of virgin materials through the use of re-cycled material & elimination of toxic & hazardous content in the input materials for product manufacturing.



Manufacturing Technology

SmartPro product Certification recognizes the efforts taken by the product manufacturer to reduce the resource consumption during the manufacturing process.



Life Cycle Approach

Certification encourages the product manufacturer to carry out Life cycle analysis for the products and implement measures to reduce the overall life-cycle environmental impacts.



Reduce Carbon Footprint

Certification identifies the measures implemented by the manufacturers to reduce CO2 emissions or carbon footprint .



Product Stewardship

Certification recognizes the measures implemented by the manufacturers to reduce environmental and health impacts in product transportation, use and recycling / disposal.

Smart Pro Products & Services

- Beyond Smart Cities: The SmartPro Products Program in 2020 This program is designed to clarify environmental standards for products and promote environmentally friendly ones.
- A SmartPro Eco-Label is affixed to those products that meet our environmental standards, thus certifying them as SmartPro Eco-Products.
- Our objective is to provide straightforward information on the environmental considerations incorporated into products to assist customers in the decision-making process when selecting a product.
- SmartPro encourages the product manufacturer to implement green measures at every stage of the product life cycle, including product design, product performance during use, raw materials, manufacturing process, recycling and disposal, etc.



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SmartPro Rating System promotes eco-friendly and human-friendly products. Sustainable solutions are always needed, even as demand for environmentally friendly products has skyrocketed.

Beyond Smart Cities in India created SmartPro—Product Rating. SmartPro uses a holistic product life cycle framework to evaluate "How Green is a Product" and recommends ways to improve environmental performance.

The certification system helps manufacturers market their products as

“Green”.



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