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## SGBCCommunity Showcase

The SGBCCommunity Showcase series highlights what sustainability means to SGBC Members and how they are helping to build a greener and healthier built environment.



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### **How is the company helping to build greener buildings?**

Tremco Construction Products Group (Tremco CPG) is a global construction chemical company with manufacturing facilities worldwide. Our manufacturing processes are conducted in line with our MS168 Program which is devised not only to meet the international standards such as ISO9001 and ISO1400, but also to produce better products more efficiently — and sustainably — through the waste hierarchy of Reduce, Reclaim, Recycle and Reuse.

Tremco CPG takes this lead from our parent company RPM Inc. through the [Building A Better World \(BABW\) initiative](#). This global movement emphasizes on doing business with an approach towards sustainability in 3 areas - Products, People, and Processes.

Therefore, in terms of building greener structures, Tremco CPG has a wide portfolio of building materials that are designed to [improve a product's life cycle](#). From recycled content used in our flooring systems, to energy-efficient facades and roofing, to low carbon sealants and solvent-free products that improve indoor air quality, we continue to invest in the development of safer products that benefit our customers, associates, and the environment.

### **What drove the founders to set up the company?**

Our building materials made its way from America into the Asia Pacific market as early as 1984. Now, headquartered in Singapore with multiple offices and manufacturing plants across the region, Tremco CPG strives to be the best choice for single-source products, services and solutions for architects, contractors, developers, and tradesmen.

From a sustainability perspective, Singapore holds a prestigious position because of its reputation as a global financial hub, its ease of connectivity within the region, and strong support from the government through grants and funding to promote green building initiatives. By positioning our manufacturing plants within APAC, we can reduce our carbon footprint and increase the speed of supply to our customers for projects within this region.

### **What is the biggest challenge the company has faced? Are there any learning points for the rest of the industry?**

The integration of construction technology is more streamlined and sophisticated in established markets than in developing or emerging ones. The stigma in accepting new technology, new product application, new specification and innovation in Asia Pacific is creating a challenge for most construction chemical companies to advance the business and causes potential delays in adopting these new products and practices.

Hence, education plays a critical role in new technology adoption. A good place to start would be for the industry to create more platforms for construction education events in order to facilitate learning and understanding of new product developments and trends which are congruent with sustainability.

### **What do you think can be done to move the needle on built environment sustainability?**

Support and incentives from local governments will be crucial in gearing towards built environment sustainability. This could be in the form of financial incentives for developers and builders who prioritize sustainable practices, or by enforcing regulations that mandate eco-friendly construction methods and materials.

Community engagement will also play a large part in bringing awareness to the importance of a Green urban landscape and how it can impact society and the environment. Collaborative initiatives, such as organized field trips to manufacturing plants or R&D labs, as well as internship programmes, can serve as effective means to disseminate real-life best practices, application knowledge, and insights into the limitations of existing technologies, all of which will enhance a person's understanding of sustainable construction practices.

### **How does the future of our built environment look like to you?**

In Singapore, SGBMP has introduced a new "80-80-80 in 2030" programme that aims to deliver three key targets - 80% of buildings by gross floor area (GFA) to be green by 2030; 80% of new developments (by GFA) to be Super Low Energy (SLE) buildings from 2030 onwards; 80% improvement in energy efficiency for best-in-class buildings by 2030.

Following this 80-80-80 direction, if stakeholders at all levels participate voluntarily and are incentivised, I think we will see widespread integration of renewable energy sources into building designs and the implementation of advanced construction materials, including self-healing concrete, biodegradable materials, and other innovative solutions that contribute to sustainable building processes and reduce environmental impact.

### **What's next for the company?**

As a forerunner of building enclosure solutions, Tremco CPG is set to introduce a broader range of environmentally friendly and comprehensive products. These solutions are engineered to prioritise swift construction, reduce carbon footprint, help with energy conservation, and improve safety. Look out for our Premium Construction Hybrid Sealant series that is set to launch in Asia mid-2024!