

SUSTAINABILITY IN CONSTRUCTION ACTIVITIES

At FIVE, we are proud to uphold our commitment to sustainability in all aspects of our operations, including our construction activities. We understand the importance of minimizing our environmental impact and strive to implement practices that promote energy efficiency and waste management in our construction endeavors.

Energy efficiency is a key focus in our construction activities. We aim to implement measures that maximize energy conservation and promote renewable and cleaner energy power sources where possible to reduce our carbon footprint.

Additionally, waste recycling represents a core principle in our construction practices. We understand the environmental impact of construction waste and the importance of responsible disposal. Throughout the construction process, we segregate and collect different types of waste materials, such as metal, concrete, and oil. Working with registered vendors, we ensure that scrap materials are properly collected and processed in recycling facilities whenever possible. By recycling construction waste, we minimize landfill usage and contribute to the circular economy.

ENERGY EFFICIENCY IN CONSTRUCTION ACTIVITIES

FIVE takes pride in its commitment to environmental sustainability throughout the construction process. By utilizing the two temporary power stations provided by DEWA (2.4 MW), FIVE reduces its direct carbon emissions by avoiding the conventional use of diesel-powered generators. As DEWA's Maktoum Solar park connects directly to the same grid, by using DEWA's temporary power stations, FIVE promotes renewable energy use in powering its construction activities. In addition, FIVE promotes energy efficiency through the adoption of 100% LED light fixtures throughout its construction site. This small but impactful choice minimizes energy consumption and promotes long-term sustainability. FIVE aims to continually identify measures it can take to promote energy efficiency and reduced environmental impact.





WASTE REDUCTION & RECYCLING IN CONSTRUCTION ACTIVITIES

FIVE is aware that its construction activities generate significant amounts of waste. FIVE has taken strategic measures to manage the recycling of steel and concrete waste, as well as oil, when disposing of waste materials over the course of its construction activities. FIVE fulfills this strategic approach to resource recycling by working with scrap collectors that facilitate circular end use processes. Likewise, FIVE Sensoria, follows a steel structure design opposed to a conventional concrete structure. This will offer between 30-38% reduction in carbon footprint when exploring studies on embodied carbon and design, serving as key element to delivering a sustainable building strategy.



Waste Recycling - Pictures.pdf