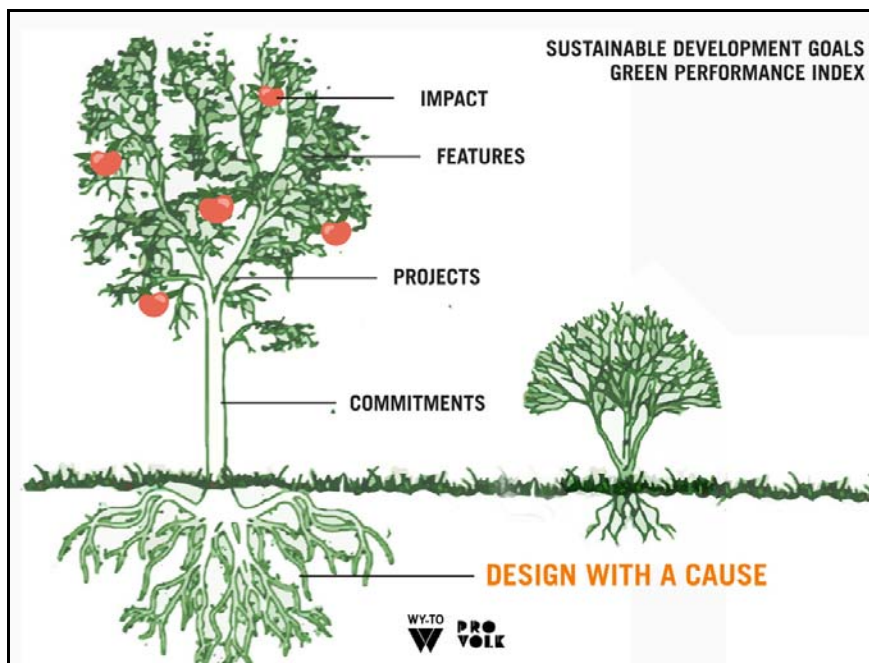


## WY-TO GROUP'S GREEN COMMITMENTS (JULY 2022)

### DESIGN WITH A CAUSE

In enabling future cities to become resilient, climatic responsive and equitable, we initiate collaborations instinctively with multiple stakeholders to realise symbiotic partnerships. Establishing a framework assists us to align our mission, values and vision with like-minded partners for longevity and success. At the core of WY-TO Group's philosophy, "Design with A Cause", is uniting our diverse expertise in sustainable practices with policies to move towards a climatic responsible future without compromising the generations after.

WY-TO Group moves towards the hallmark of climate excellence by firmly committing our projects to the Paris Agreement, the international treaty on climate change that entered into force in 2016. Locally, we design respectfully with Green Performance Index and innovate context-driven solutions within set parameters to push for circularity. Through this orchestrated movement, our projects perform in biophilic steps to meet the Sustainable Development Goals established by the United Nations.



WY-TO Group's Philosophy Framework

## 1.1. RESPONSIVE ENVIRONMENT DESIGN

Rather than relying on omission and reduction to be sustainable, Responsive Environment Design takes on contextual conceptualizing for a viable and tailored methodology that accounts for conscious impact. Adapting practices to prevailing conditions empowers our framework with environmentally-responsive interventions such as nature integrative design, which considers present biodiversity. Mirroring this to conservation of modern built identity, it reveals possibilities in meeting current-day needs while continuing collective memories. This allows newly-built structures and existing compounds to be better equipped with greater climate resiliency for future-proof cities. It is an all-encompassing approach to turn static into dynamic.



## 1.2. SUSTAINABLE ENERGY EFFICIENCY

Part of the sustainable blueprint is monitoring energy consumption. WY-TO Group uses research-based design to manage thresholds and naturally increase capacity such as thermal comfort. Paired with Passive Design strategies as the overarching principle, this process facilitates efficient spatial planning while contributing toward low-energy models at every scale. Working and capitalizing on given climatic conditions, each phase is duly informed for carbon efficiency by utilizing massing to direct wind and reduce heat radiation, sun shading devices and optimizing circulation plans. This design process adoption allows built interventions to adopt responsible use of active systems such as efficient and eco-friendly equipment, self-generated energy systems like solar panels, rainwater harvesting etc, and work towards attaining the best carbon performance.



### 1.3. CIRCULAR ECONOMY STEWARDSHIP

In challenging traditional linear consumption models, circular economy takes advantage of its restorative characteristics to re-imagine the use of finite resources and create cost-effective regenerative opportunities. The robusticity of the loop relies on the coordination of top-down policies and experience from the ground-up level to achieve best-in-class green solutions. In embracing the active and continued flow of systemic strategies, we interconnect different stakeholders from the macro to micro view and revitalise potentials within the logic. The support it renders throughout the loop benefits holistically through the pillars of environment, economic and social and motivates sustainable strides in addressing global and local concerns.



### 1.4. BUILT ENVIRONMENT PROSPERITY

Faced with rapid densification of the built environment, making targetted changes is essential in carving opportunities to deliver well-rounded ecosystem benefits. Government, decision makers and end-users' points of convergence allow for well-informed win-win collaborations that result in responsible and reliable progression. We approach to enable green capital growth as a unit in order for solutions to be practical, flexible and scalable. The reciprocal benefits drive sustainable economies of return and accelerate recovery processes that are self-governing and sufficient. With various actors considered in the symphony, our framework is spontaneously maintained through positive climate pivots.



## 1.5. PROGRESSIVE PARTNERSHIP

Glocalization has made it possible for built environments to expand while maintaining their unique urban identities. Aligned by a common vision, our context-driven framework synchronizes expertise from global stakeholders and end-users' experience to pioneer innovative and relevant solutions while bolstering steady growth. This systemic collaboration underscores key performing indicators to benchmark against local green performance index. With a sustainable development focus in mind, we refine scalable transformative concepts for effective, resilient and continuous partnership success.



## 1.6. RESILIENT COMMUNITIES

Central to our framework is sustaining communities nurtured by the built environment. In understanding that planet and places share an interlocking relationship, we ground our approach with human-centric designs to advocate for community inclusivity and longevity. This perspective transforms moments of crisis into economic-growth opportunities by setting an active line of engagement between top-down and ground-up. It functions as a sustainable built environment antidote to remain relevant in the ever-changing landscape. Only when we co-evolve with our environment, may we continue to celebrate our co-existence!

