

## Deep Roots Consulting

<u>Team Member Name</u>	<u>Year</u>	<u>Major</u>
Johnathon May	2024	Entrepreneurship and Innovation
Shreya Pai	2025	Marketing
Owen Sordillo	2024	Entrepreneurship and Innovation
Maaike Sprenger	2024	Management, Finance

**Advisor(s):** Ryan Langan

**Topic Title:** Designing Sustainable Cities for a Growing World

**Audience:** International Society of City and Regional Planners

### Sustainable Development Goal

SDG #11: Make cities and human settlements inclusive, safe, resilient, and sustainable.

SDG #13: Take urgent action to combat climate change and its impacts.

### Executive Summary

In the dynamic landscape of modern urban development, the strategic integration of green spaces into preexisting environments emerges as a critical imperative. Green spaces, ranging from rooftop gardens to urban parks, hold immense potential for transforming cities into vibrant, sustainable hubs. They not only enhance environmental resilience by mitigating heat islands and improving air quality but also foster community cohesion and well-being. Conversely, the absence of green spaces can lead to detrimental effects such as heightened pollution levels, urban heat stress, and diminished overall quality of life.

The International Society of City and Regional Planners (ISOCARP) stands at the forefront of driving sustainable urban transformations. Leveraging its global network of urban planning experts and innovative strategies, ISOCARP is uniquely positioned to spearhead initiatives that infuse green spaces into preexisting urban fabrics. Through collaborative partnerships with local governments, stakeholders, and communities, ISOCARP can implement a range of revitalization projects, including rooftop oases, vertical green walls, and interconnected green corridors. These interventions not only enhance environmental sustainability but also invigorate urban environments, fostering healthier, more resilient, and inclusive communities for generations to come.

Deep Roots Consulting is recommending that ISOCARP introduce a policy that requires their members to design all urban projects to reflect a focus on revitalization projects. This includes, but is not limited to, installing greenspaces in existing buildings as well as setting aside space in new builds to be used for greening initiatives.