

## EXECUTIVE SUMMARY

Due to climate change and rampant urbanization in developing countries, increased attention needs to be paid to environmental sustainability concerns, helping to shape cities for the future. Environmental sustainability repeatedly focuses on optimizing waste management, and water, often ignoring district specific needs in terms of the natural environment. Therefore, environmental sustainability indicators should incorporate targets rooted in the biophysical properties of the district. By recognizing conditions and problems, indicators are an effective way of capturing important information about changing urban environments. Instead of offering

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analysis of the High Falls District, Seaholm EcoDistrict and Lloyd EcoDistrict cases, this report provides the following recommendations for East Harbour EcoDistrict

### 1. Comprehensive Plan and Roadmap

A comprehensive plan for the implementation of the EcoDistrict framework should be created through the development of the East Harbour EcoDistrict roadmap. As an essential step for certified EcoDistricts, the roadmap will create a performance plan. The roadmap can provide key information pertaining to the EcoDistrict framework, application of the ( F R ' L V W U L F W Z L W K L Q 7 R U R Q W R ¶ V S O D Q Q L Q J F R Q W H [ W implementation. By setting performance targets for the Living Infrastructure and Resource Regeneration the roadmap will focus on context specific environmental sustainability issues and aspirations. The development of a directionally clear roadmap will provide East Harbour EcoDistrict with a foundation from which to address environmental sustainability.

## 2. Context Specific Indicators

East Harbour EcoDistrict indicators should be context specific, clear, workable and measurable. This will allow for the proper implementation of environmental sustainability through the provision of detailed goals and targets. Development of these indicators will help East Harbour to capture, monitor and assess the environmental conditions within the district. EcoDistrict Protocol (2017) provides guidelines and examples of indicators and indicator sets that can be used and expanded on to meet local conditions and goals. It is recommended that East Harbour EcoDistrict explores the resources provided by the EcoDistrict protocol to develop effective indicators from which to measure environmental sustainability.

## 3. Indicator Monitoring and Reporting

The toolkit from which to measure and monitor environmental sustainability. The indicators laid out in the roadmap are meant to monitor progress towards district goals. The identification of baseline conditions will provide a starting point from which progress can be measured. Indicator monitoring should be summarized into transparent public documents. This will increase public awareness and education, while also obligating East Harbour to be accountable for their progress and success of program implementation. Furthermore, as a brownfield redevelopment, East Harbour EcoDistrict should consider and measure the environmental impacts of the construction and development process.

This research has presented ideas of how EcoDistricts can go beyond the idea of marketing sustainability and effectively spark conversation regarding how these next steps could

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