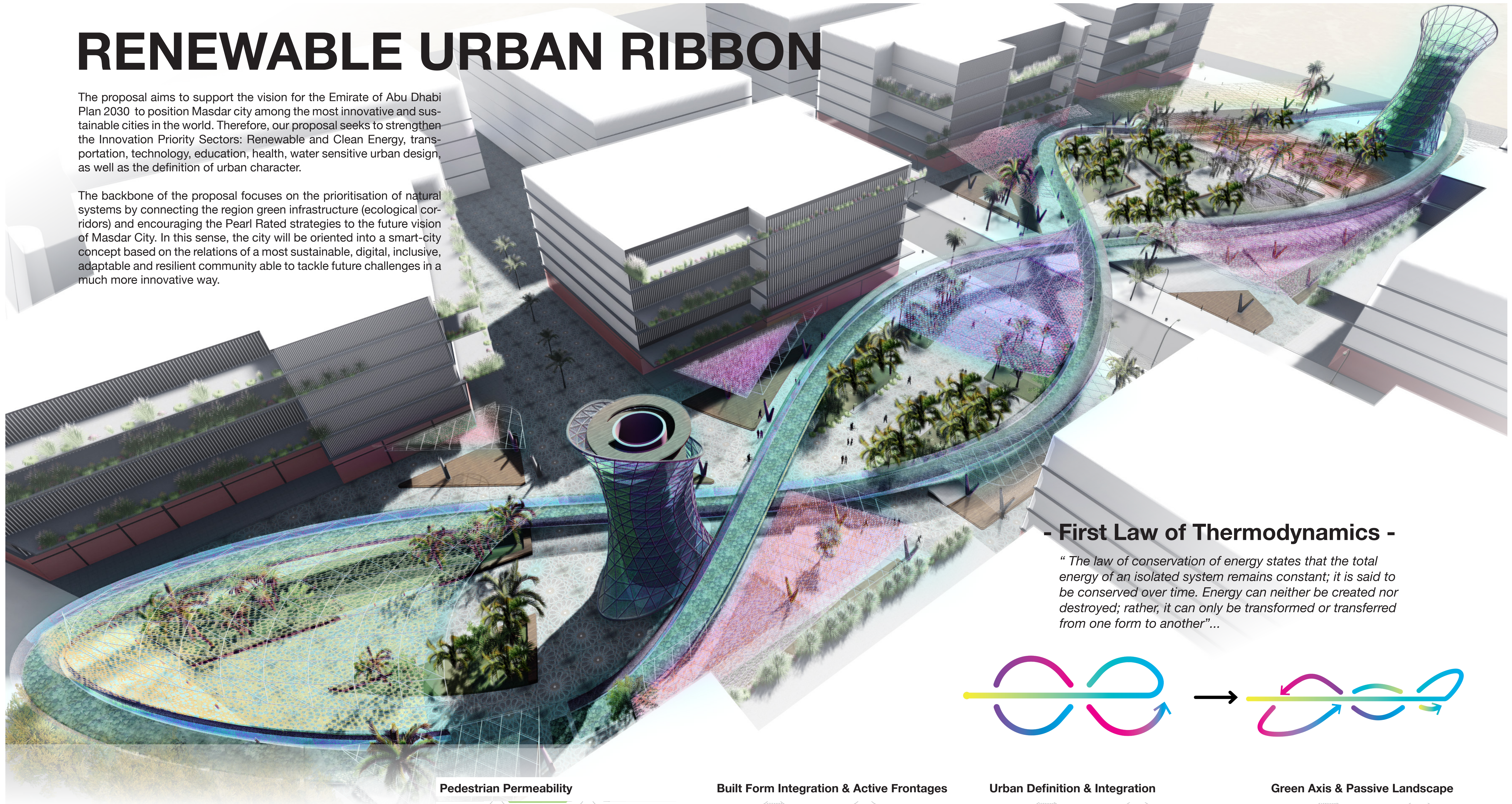


RENEWABLE URBAN RIBBON

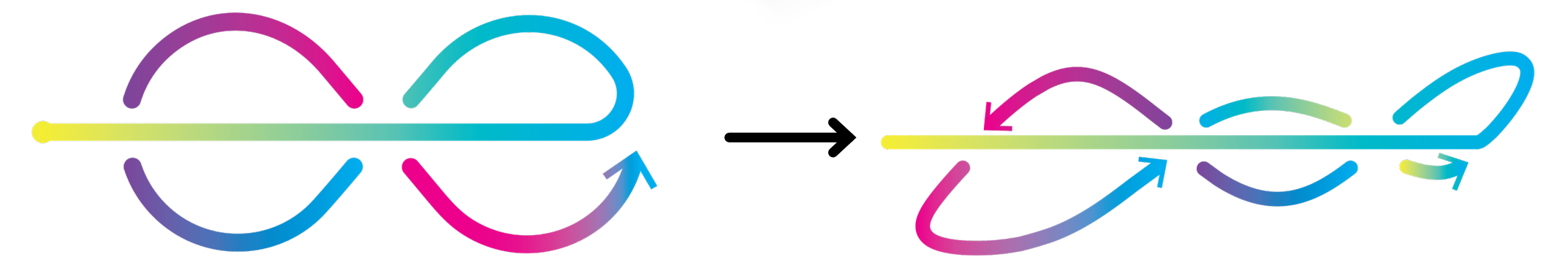
The proposal aims to support the vision for the Emirate of Abu Dhabi Plan 2030 to position Masdar city among the most innovative and sustainable cities in the world. Therefore, our proposal seeks to strengthen the Innovation Priority Sectors: Renewable and Clean Energy, transportation, technology, education, health, water sensitive urban design, as well as the definition of urban character.

The backbone of the proposal focuses on the prioritisation of natural systems by connecting the region green infrastructure (ecological corridors) and encouraging the Pearl Rated strategies to the future vision of Masdar City. In this sense, the city will be oriented into a smart-city concept based on the relations of a most sustainable, digital, inclusive, adaptable and resilient community able to tackle future challenges in a much more innovative way.



- First Law of Thermodynamics -

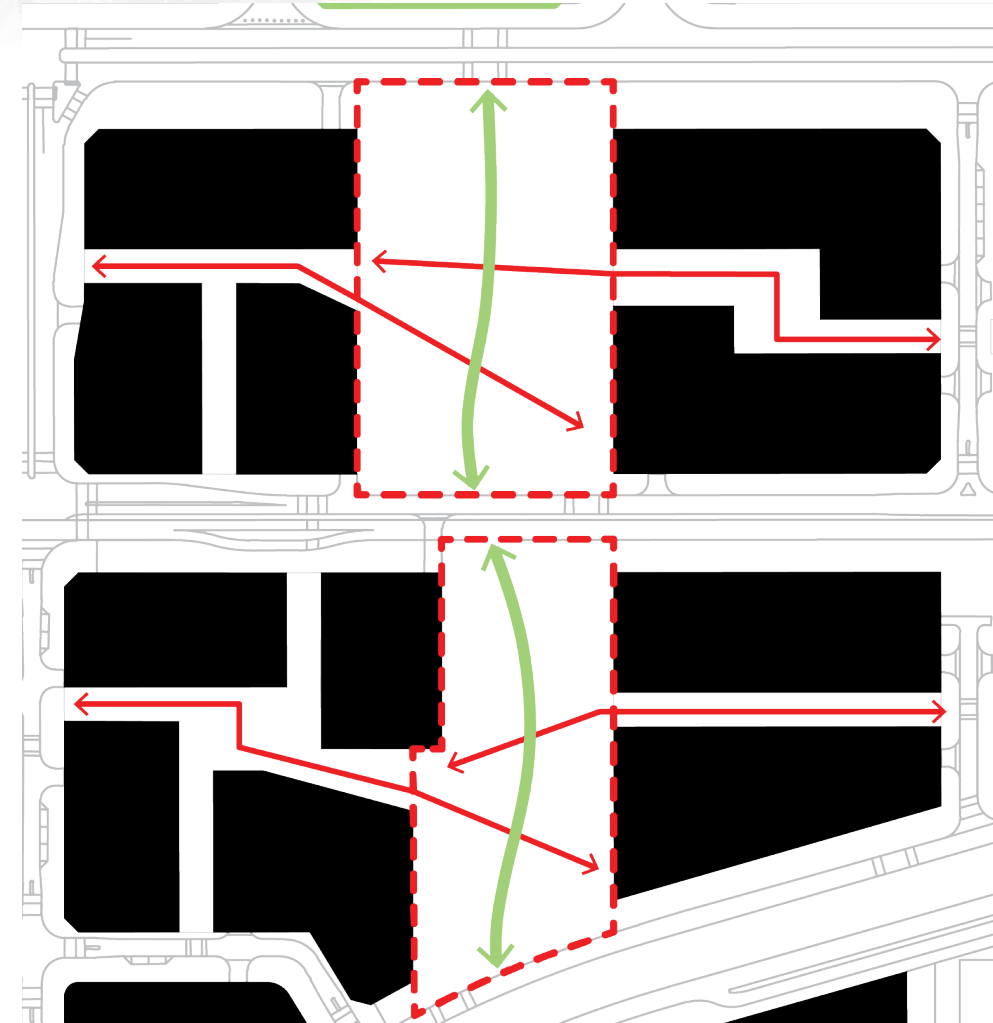
“The law of conservation of energy states that the total energy of an isolated system remains constant; it is said to be conserved over time. Energy can neither be created nor destroyed; rather, it can only be transformed or transferred from one form to another”...



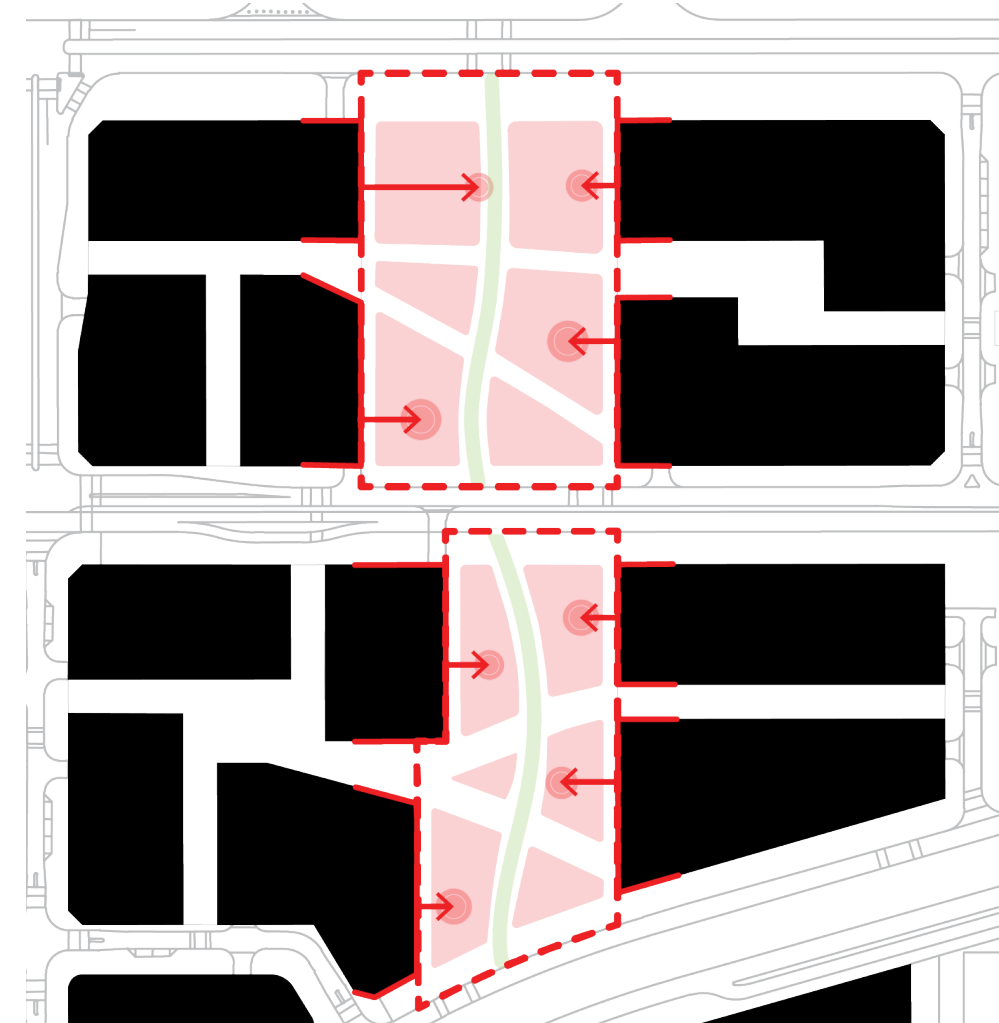
As part of Masdar City masterplan, this proposal would be framed into a sustainable concept that would face the challenge of middle east cities to maximise weather conditions and to take advantage of it by implementing and developing new technologies. These new technologies are the opportunity that major cities across the globe are willing to develop in order to minimise the production of non-renewable energy, but instead producing clean energy that would be able to support the future consumption of urban centres.

This design idea is to develop in a way to generate an iconic design that enhances an excellent urban design including a better understanding of the site but also incorporating new technologies that maximise clean energy production.

Pedestrian Permeability



Built Form Integration & Active Frontages



Urban Definition & Integration



Green Axis & Passive Landscape

