Melbourne Tram Line Network

Framing Tram Network

Mapping the Energy Demanded in Tram System

Sculptural Energy

Through the mapping of whole tram network system within Melbourne, together with the overlay of tram usage frequency, this shaped a "framed heat map". This framed image highlights its importance as public transport network for the people. St. Kilda site with the colourful Luna Park, Palais Theatre of wonderful concerts and drama, together informed an artistic mix of contextual colour.

ARCUX

Arcus (x) (Latin) – Rainbow, Arch, Suspended
Formless Wind, Sculptor of the Air

Arcux the suspended net, a subtle yet light-weight sculpture, where the wind choreograph its form, like a flexible set of membranes moving fluidly in the air. A wind energy driven energy infrastructure, develops a series layer of catenary to form a weightless sculpture hanging in the air generating renewable energy through the wind. Respecting the current St Kilda Triangle 2016 Masterplan, the proposed sculpture, without altering any ground condition, while maintaining the visual transparency to the esplanade.

Energy generated approximately 374,000 KWh/year and 1,024 KWh/day.