
ENERGY TECHNOLOGY: piezoelectric discs, linear alternator

ANNUAL CAPACITY: 20,000 MWh

A submission to the 2010 Land Art Generator Initiative competition for United Arab Emirates
Oscillating Water Column uses Wells Type Turbine that maintains rotational energy despite the direction of air or liquid flow.
OSCILLATING PLATFORMS

TEAM: Felix Cheong
ENERGY TECHNOLOGY: wind sails, oscillating water column, Wells turbine
ANNUAL CAPACITY: 34,000 MWh
A submission to the 2014 Land Art Generator Initiative competition for Copenhagen
GOLDEN ROOTS

TEAM: Ronny Zschörper, Franziska Adler
ENERGY TECHNOLOGY: biomass, piezoelectric paving
ANNUAL CAPACITY: 52 MWh

A submission to the 2014 Land Art Generator Initiative competition for Copenhagen
TEAM
Christina Vannelli, Liz Davidson, Matthew Madigan

TEAM LOCATION
Hamilton (ON), Canada

ENERGY TECHNOLOGIES
point absorber wave energy converter (similar to CETO™ by Carnegie Wave Energy)

ANNUAL CAPACITY
16,000 MWh
A submission to the 2016 Land Art Generator Initiative design competition for Santa Monica

TEAM
Khalili Engineers

TEAM LOCATION
Vancouver, Canada

ENERGY TECHNOLOGIES
photovoltaic panels

WATER TECHNOLOGIES
electromagnetic desalination

ANNUAL CAPACITY
10,000 MWh to generate 4.5 billion liters of drinking water

The Pipe
LAGI GLASGOW

The consortium including Glasgow City Council, Scottish Canals, igloo Regeneration, with the assistance of ecoartscotland has brought together overseas teams who participated in past LAGI open competitions (UAE 2010; NYC 2012; Copenhagen 2014) to work with Glasgow-based teams in order to research and develop LAGI artwork concept proposals for Port Dundas. The site has a focus for urban regeneration with a strong creative dimension.

LAGI Glasgow formed part of Glasgow’s Green Year 2015 and continued through 2016 as Glasgow’s contribution to Scotland’s Year of Innovation, Architecture, and Design—engaging local communities as well as those interested in art and innovation in renewable energy.
TEAM Dalziel + Scullion, Qmulus Ltd., Yeadon Space Agency, and ZM Architecture

ENERGY TECHNOLOGIES Vortex Bladeless™ wind turbines  ANNUAL CAPACITY  900 MWh
People think Homewood is a bad place to be, but the kids and builders are making a solar panel artwork so that people will not judge Homewood because of some other stuff that happens. We are opening a door of opportunity for Homewood and as a community we are trying to make Homewood a better place.

Terrell Williams (age 11)

“Renaissance Gate” means to me that once you walk through it you will come into a completely new Homewood. A new community without fear, without poverty, and without violence.

Jordan Blackwell (age 14)
ART + ENERGY CAMP

4–6 weeks
Field trips
Lessons in energy science
Lessons in energy justice + energy democracy
Design process

Guest presentations
Hands on with construction of a renewable energy artwork
Final outcome: a built solar sculpture
Selected LAGI Educational Materials

Surface Area Required to Power the World with Zero Carbon Emissions and with Solar Alone

- Each square = 1 year
- Each row = 200 years
- The era of fossil fuels

The Time is Now

Public art of the sustainable city

Public Art of the Sustainable City

Regenerative Infrastructures

New Energies

Powering Places
Economic Benefit of Public Art

Olafur Eliasson, NYC Waterfalls  (*not a Land Art Generator*)

$15.5 million to install. According to the NYC Economic Development Corporation Brought an estimated $53 million in incremental spending over four months
LAND ART GENERATOR INITIATIVE
LEADERSHIP

**Todd Bartholf**, Owner and Renewable Energy Consultant at Todd Bartholf Consulting (formerly at WSP Parsons Brinckerhoff, CH2M, and Winrock)
LAGI Board Member

**Julianne Boden**, Communications Manager at SolarReserve
LAGI Board Member

**Christopher Choa**, Architect/Urban Planner, AECOM, appointed advisor to the Mayor of London’s Infrastructure Delivery Board
LAGI Board Member

**Robert Ferry**, Architect, LEED AP BD+C
LAGI Founding Director and Board Chair

**Deborah Hosking**, Artist
LAGI Board Secretary (founding member)

**Tim Mollette-Parks**, Landscape Architect, Associate Principal at Mithun
LAGI Board Member

**Elizabeth Monoian**, Artist & Designer
LAGI Founding Director and CEO

LAGI Board Member

**Paul Schifino**, Graphic Designer, Owner at Schifino Design
LAGI Board Treasurer (founding member)

**George Riley Thomas II**, Member at Metz Lewis Brodman Must O’Keefe LLC
LAGI Board Member

Elizabeth Monoian & Robert Ferry
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