

ALUNÀ

TIME AND PLACE FOR EVERYONE





Aluna at Point Wharf, Greenwich Peninsula

artist impression by Wagstaffs Design

# LARGER THAN STONEHENGE, ALUNA WILL BE THE MOST SIGNIFICANT LANDMARK OF OUR TIME.

Located at 0° longitude on the Greenwich Peninsula, Aluna will be the world's largest Moon and Tide Clock.

Three vast recycled glass rings track the Moon's cycles and influences on the Earth with slowly moving light.

Designed by artist Laura Williams as a place of celebration and connection, Aluna's rings will create

a public space for international festival, education and community events.

Sustainably built and powered naturally by the Sun and the Moon's tides, Aluna will run for generations to come.

**ALUNA IS TIME AND PLACE FOR EVERYONE.**



# POWERED BY NATURE

At 40m wide and 13m high, Aluna's distinct shape is formed of three translucent recycled glass rings representing the lunar phase, the lunar day and the tide cycles.

'Alunatime', light slowly encircling the piece, tracks the waxing and waning of the Moon, its movement across our sky, and the ebbing and flowing of the tidal Thames.

The National Oceanography Centre has designed Aluna's master time code to tell the world's most accurate lunar time. Aluna's geometry relates precisely to its function and is unique to its Greenwich Meridian location.

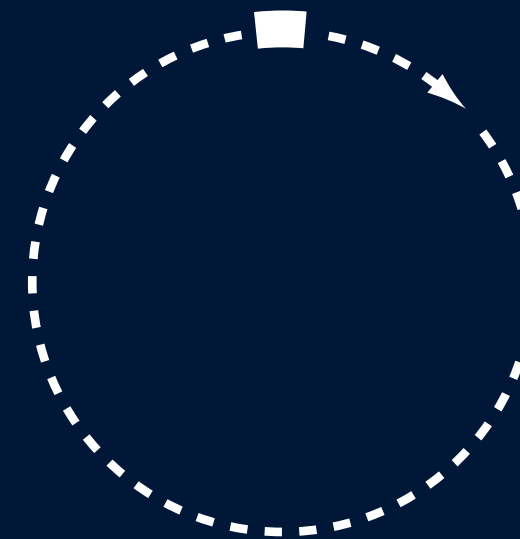
Aluna will showcase the best in regenerative design, innovation and engineering: built from 100% recycled glass and steel, illuminated by low energy LEDs, powered by the Sun and Moon using onsite solar panels and tidal turbines, upgradeable for future generations, and eco-engineered to enhance the Thames habitat.

Above the water, Aluna's rings will encompass a large area for the public to enjoy quiet reflection or community events. Indeed, the desire for people to reconnect with nature and each other lies at the heart of this monument, which takes its inspiration from the Moon – something we all see, whoever and wherever we are.



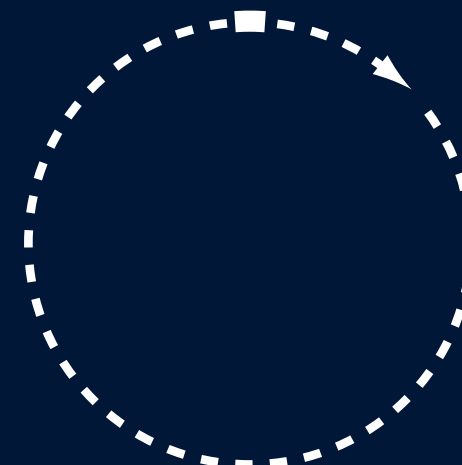
## LUNAR PHASE

wax & wane  
29.5 solar days  
28.5 lunar days  
57 tides



## LUNAR DAY

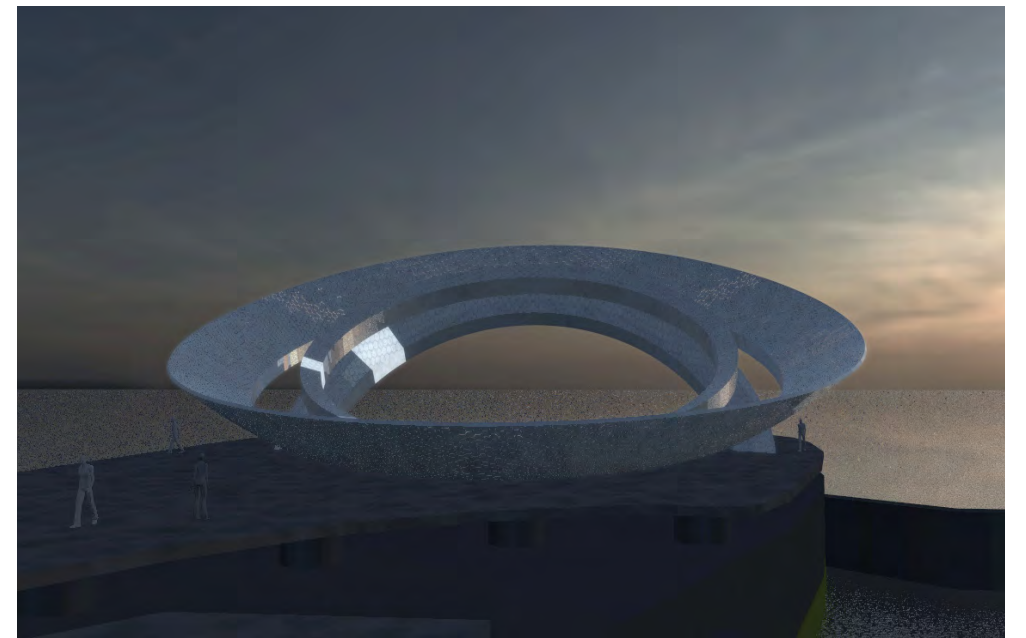
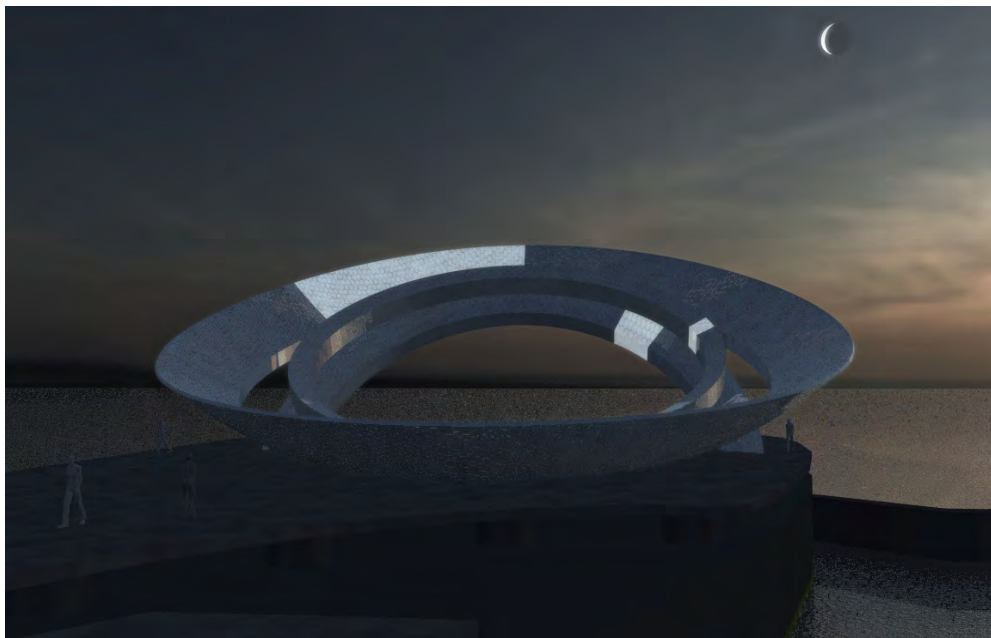
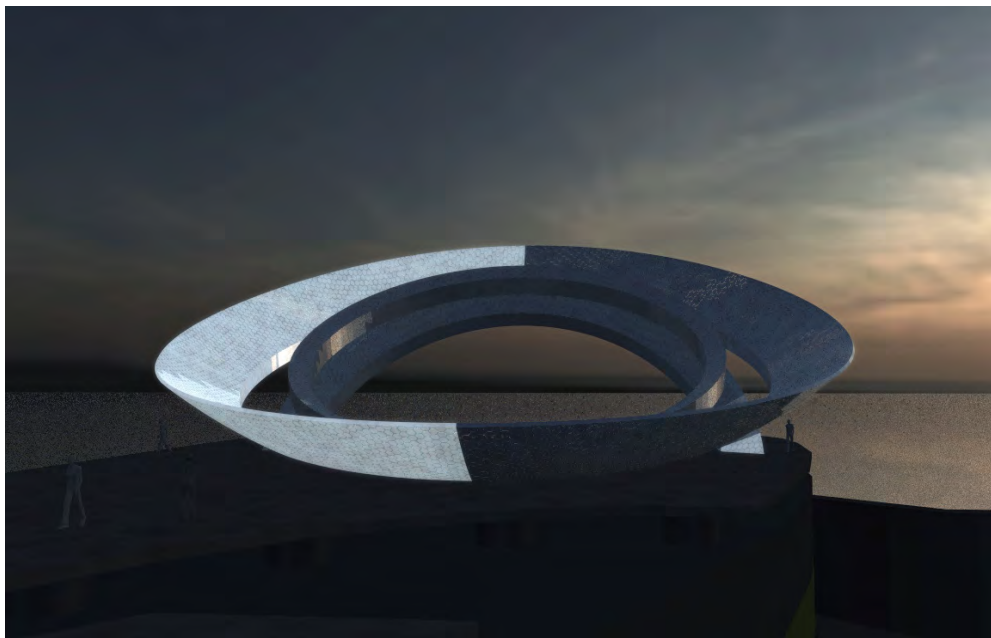
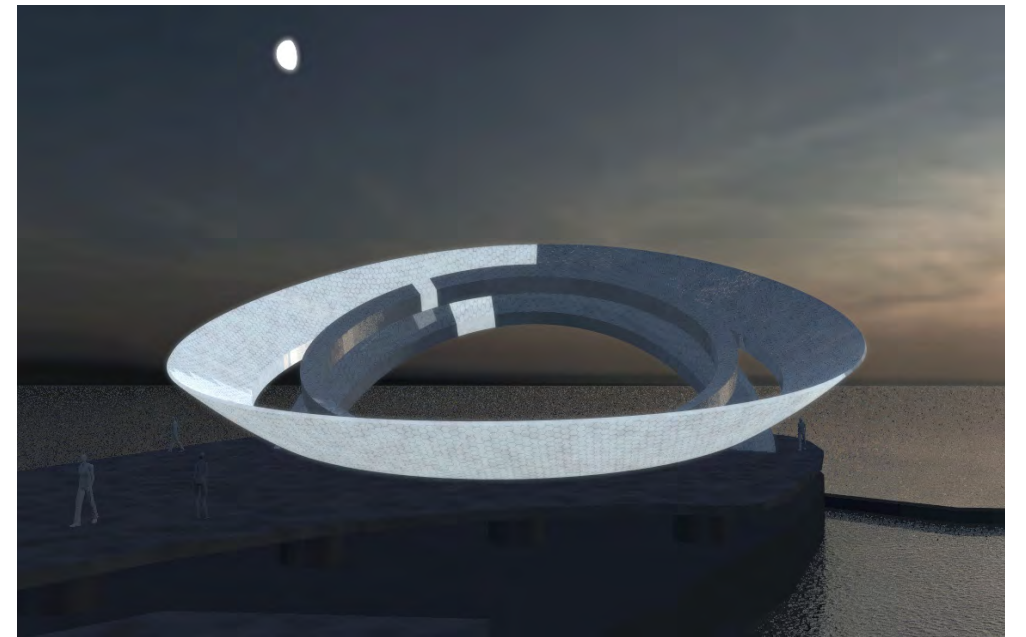
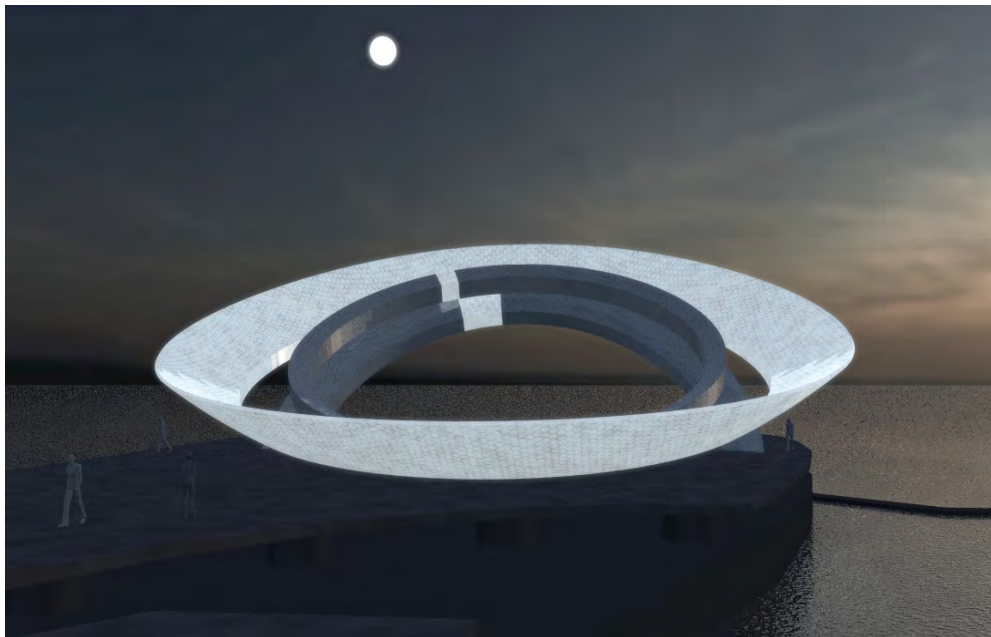
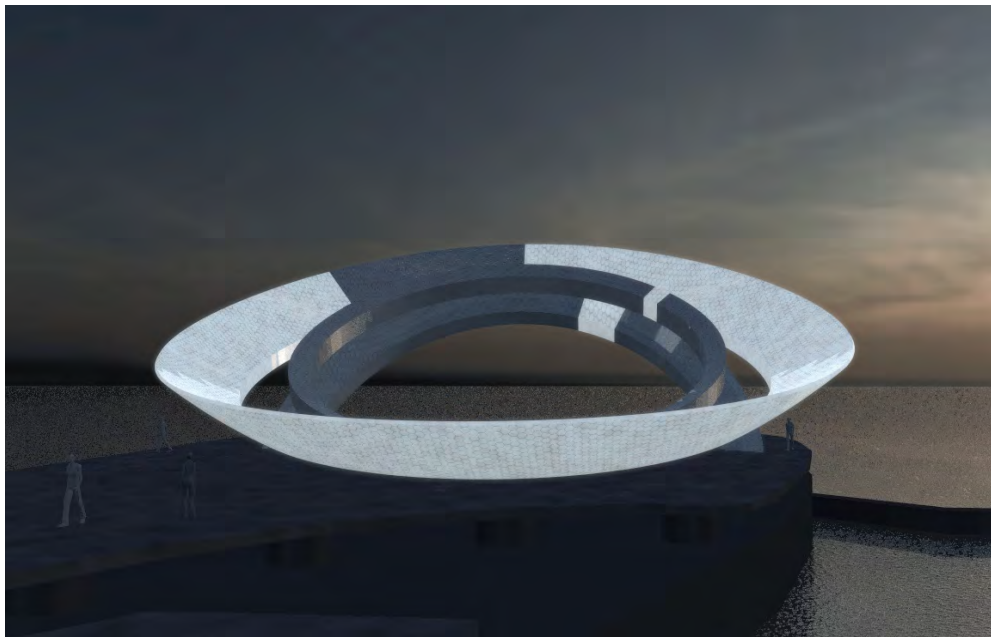
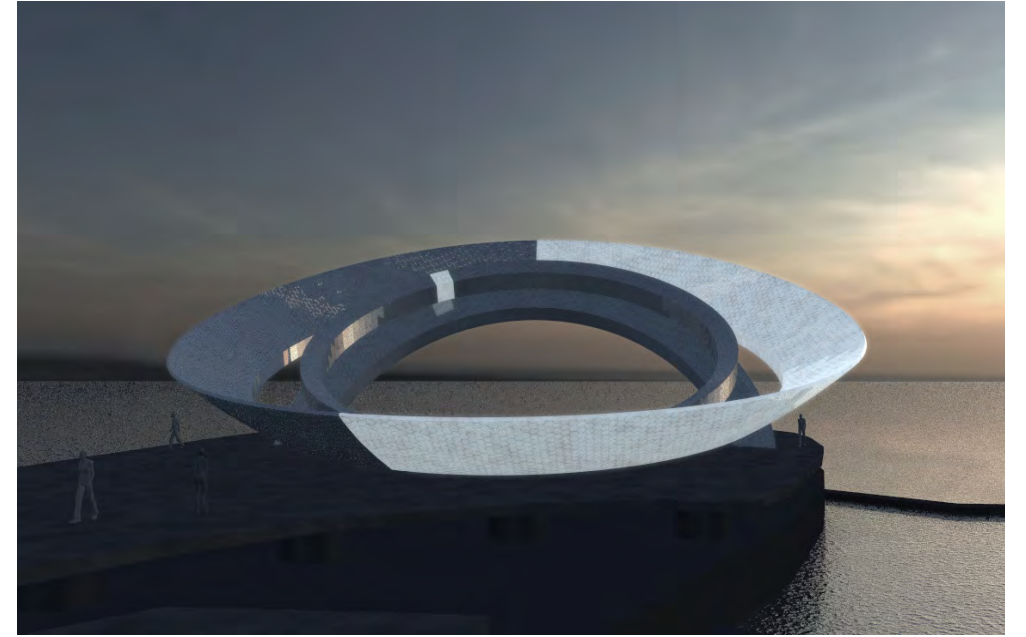
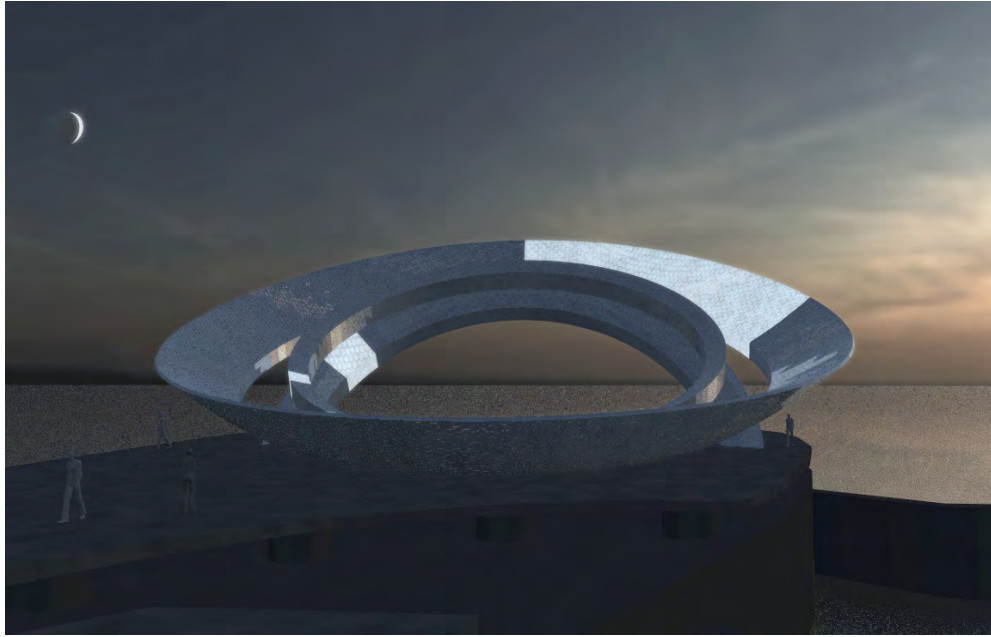
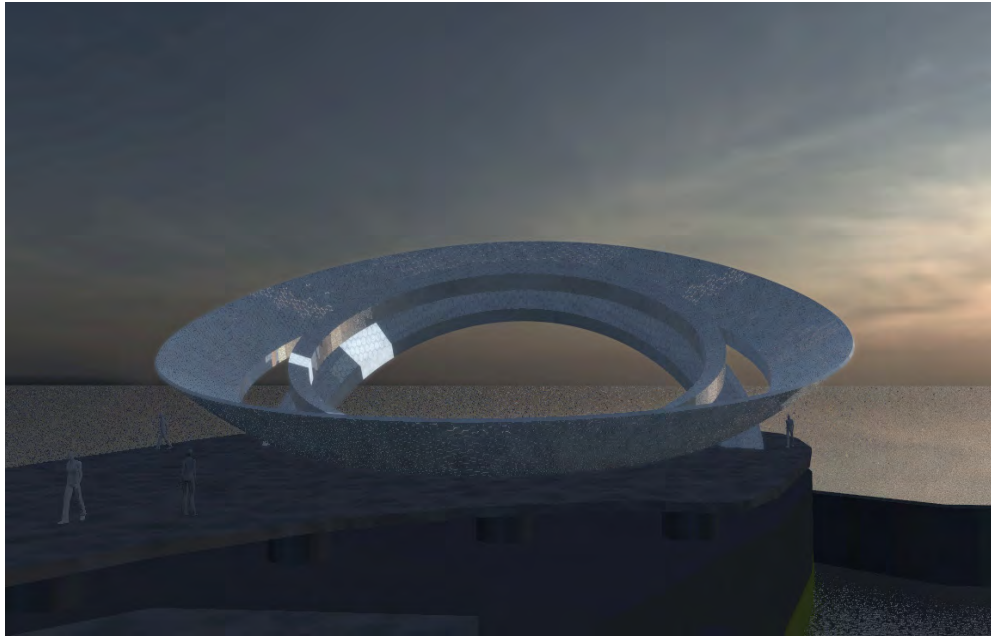
rise & set  
24 hrs 50 min  
2 tides



## TIDE

ebb & flow  
12 hrs 25 min





Aluna at different times during the lunar cycle  
artist impression by Mark Glean





**Aluna at Point Wharf, Greenwich Peninsula**  
artist impression by Wagstaffs Design



# WHERE TIME & TIDE MEET



Canary  
Wharf



ALUNA



Greenwich  
Peninsula



Royal Observatory

“ Aluna has a natural alignment with Royal Greenwich and will act as both an inspiration for our residents and students, and a major international tourist attraction.

I can think of no better place for Aluna to be sited than here at 0° Longitude and wish you every success in bringing this phenomenal landmark to our shores. ”

COUNCILLOR DENISE HYLAND

LEADER OF ROYAL GREENWICH

# ALUNA IN GREENWICH

## HOME OF TIME



51°30'N 0°0'E

Aluna will be built at a spectacular location on the intersection of 0° longitude and the historic Greenwich Peninsula waterfront – at the point where time and tide meet.

London and our nation's global trade, and our diverse cultural and maritime heritage, have been a direct result of Britain's innovation in navigation and timekeeping - and specifically our understanding of the Moon and tides. The Royal Observatory Greenwich was founded to

advance the scientific accuracy of the Lunar Distance Navigation method, used by Britain's seafarers prior to Harrison's invention of the H4 Chronometer.

Celebrating the connection between Greenwich and the Moon, Aluna continues Britain's tradition of scientific and astronomical excellence, and will be next in the line of world famous and influential timepieces associated with the Royal Borough of Greenwich.





Aluna at Point Wharf, Greenwich Peninsula

artist impression by Wagstaffs Design





“ This place in the Cosmos is a special place, and we are its stewards at a very special time. This is the first time in history the future of a planet is in the hands of one species – us. Aluna speaks to this moment in human and planetary history where we are facing unprecedented environmental challenges. We need to pull together around hopeful and inspirational visions, and Aluna is just such a project. ”

**LORD MARTIN REES, ASTRONOMER ROYAL, ALUNA HONORARY PATRON**

Earthrise, December 24th 1968

photo by William Anders, Apollo 8 © NASA





# UNITING PEOPLE & PLANET

“ If you want to write a song about the human race, write a song about the Moon. ”

PAUL SIMON

When we watch the Moon in London, half the world is watching it with us.

Aluna is a symbol of global unity and a beacon for a new emerging culture, as we learn to understand and care for the Earth and each other, transform our cultures and technologies, and transition to a zero carbon, socially just future.

Aluna will be a place of gathering and a festival space for everyone, of all backgrounds, all cultures.

Transcending all divisions, Aluna will present an opportunity to think about our shared global heritage, and celebrate international cultures through the many festivals timed by the Moon, including:

Easter, the Chinese, Jewish, Vietnamese, Hindu and Islamic new years, Passover, Rosh Hashanah, Ramadan, Eid, Wesak, Chinese Mid-Autumn Moon Festival, Thai Loi Krathong, Tsukimi, Holi and Diwali.

Through education and community programmes, Aluna will inspire people to explore and celebrate humanity's relationships with nature, and learn why and how we protect our fragile and interconnected ecosystem, now and into the future.



# BRINGING ALUNA TO LONDON

Invitations are now open to fund the final development stages to secure detailed planning permission and to construct Aluna.

The Greenwich Peninsula scheme is supported by landowners the Mayor of London and the Port of London Authority, the Royal Borough of Greenwich, local community stakeholders, and a wide and distinguished group of individuals and organisations including:

Astronomer Royal Lord Martin Rees, Sir Terry Farrell, Science Museum London, Royal Greenwich Observatory, Sir Tim Smit, Jude Kelly CBE, Jools Holland OBE, Brian Eno, Nicky Gavron AM, Business In The Community, Ramboll Foundation, Trinity Buoy Wharf Trust, Three Faiths Forum and the Royal Astronomical Society.

Created and led by artist Laura Williams, Aluna is being developed by The Aluna Foundation and a world class design and delivery team. The design team is in place, and the feasibility and pre-application scoping processes are complete.

Join us in the delivery of this world first.

For more information please contact Laura Williams on 07956 531 714 or [laura@alunatime.org](mailto:laura@alunatime.org).

## ALUNA'S DESIGN

## & DELIVERY TEAM

Laura Williams  
David Powell Associates  
Ramboll UK  
Heneghan Peng Architects  
Bartenbach  
Dominic Cole Landscape Architects  
AECOM  
Gleeds  
GL Hearn  
Team Spirit UK  
EdenLAB  
National Oceanography Centre  
HM Nautical Almanac Office  
IT Power  
Royal Haskoning DHV  
Bournemouth University  
King's College, London  
HR Wallingford  
Freshfields Bruckhaus Deringer LLP  
Kaye Scholer LLP  
Boult Wade Tennant  
In Writing  
Wagstaffs Design  
Motionblurr Studio





Aluna

artist impression by Mark Glean

## CONTACT US

t. 01297 680 680

m. 07956 531 714

e. [team@alunatime.org](mailto:team@alunatime.org)

[www.alunatime.org](http://www.alunatime.org)



@AlunaLondon

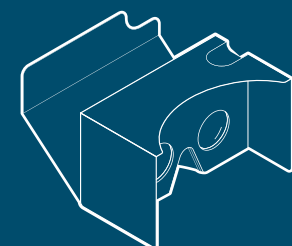


@AlunaLondon

See Aluna in 3D & VR

digital design by

**RAMBOLL**



© The Aluna Foundation 2017