

THE SEA Cycle NETWORK NEW YORK CITY

NEW YORK CITY ON THE LAND
64.8%
304.8 SQUARE MILES

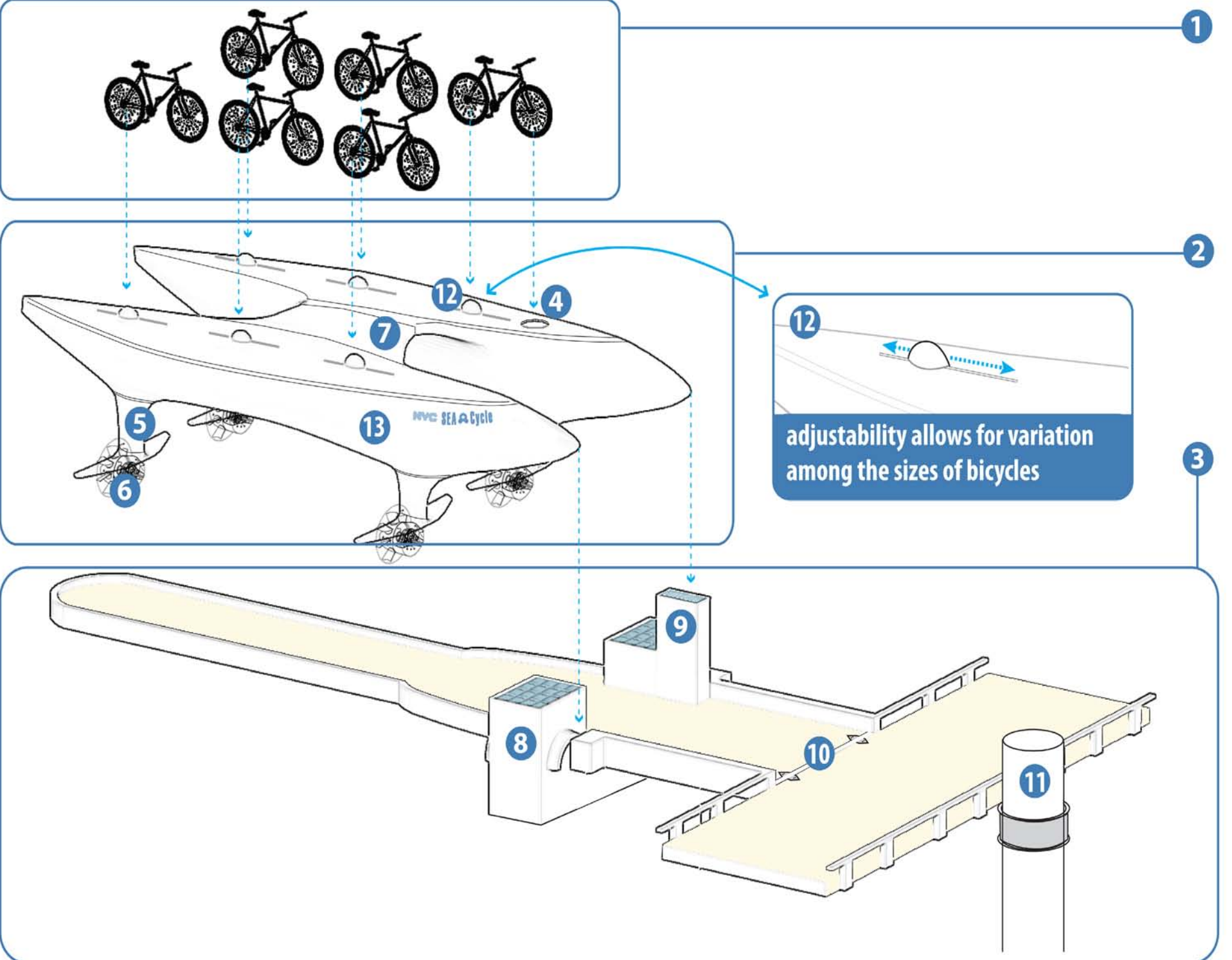
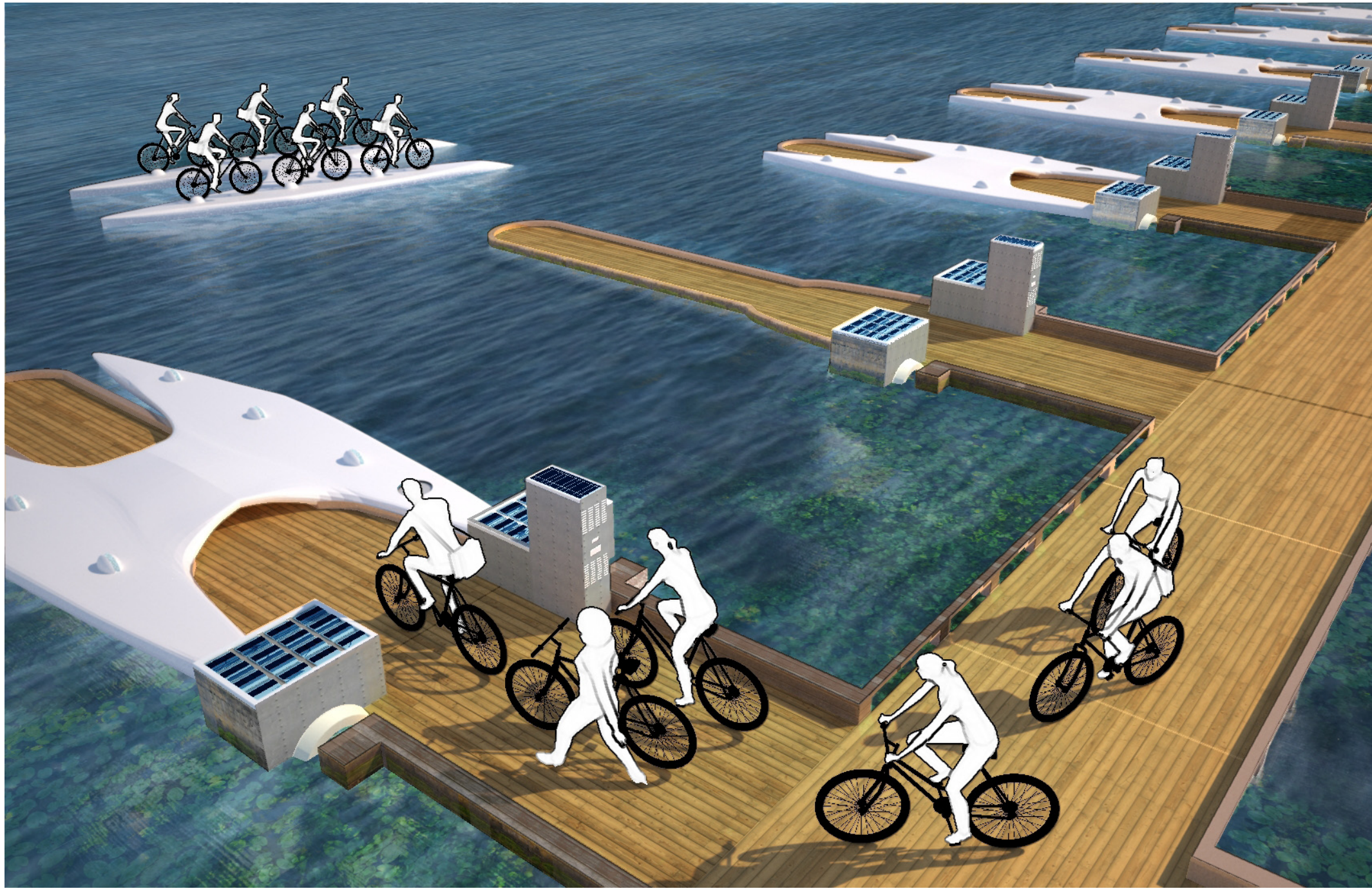
NEW YORK CITY ON THE WATER
35.2%
165.6 SQUARE MILES



The **SEA Cycle** Program offers both New Yorkers and visitors a new, environmentally friendly, healthy, affordable and adventurous form of transportation. The New York City - **SEA Cycle** Program will help to establish the waterways of New York City as the 6th Borough- the Borough that links all 5 Boroughs by overcoming physical barriers between land and water, embracing one of New York’s greatest natural resources, and reconnecting the 5 Borough communities by means of an innovative alternative to the standard ferry or water taxi.

GETTING AROUND

-  > NYC **SEA Cycle**
-  > EXPANDED FERRY SERVICE
-  > ENHANCED WATERFRONT ACCESS



- 1 bicycles of all shapes & sizes
- 2 bi-hulled SEA Cycle
- 3 SEA Cycle port
- 4 navigation controlled by front left cyclist *
- 5 hydrofoil design for less resistance through the water
- 6 four bicycle & solar powered propellers with rudder attached to each for quad-steer maneuverability
- 7 main hull linkage deck
- 8 solar charging dock & lock terminals
- 9 rental payment & boating licence authentication
- 10 hinged dock sections provide flexibility and articulation for anything less than calm water conditions
- 11 tidal/wave power generating piers add to overall structural flexibility
- 12 adjustable fasteners lock the bicycle into an upright position & transfer power from each bicycle rear wheel
- 13 power storage & transfer by means of battery banks located in the two hulls also provide ballast

* boating license required

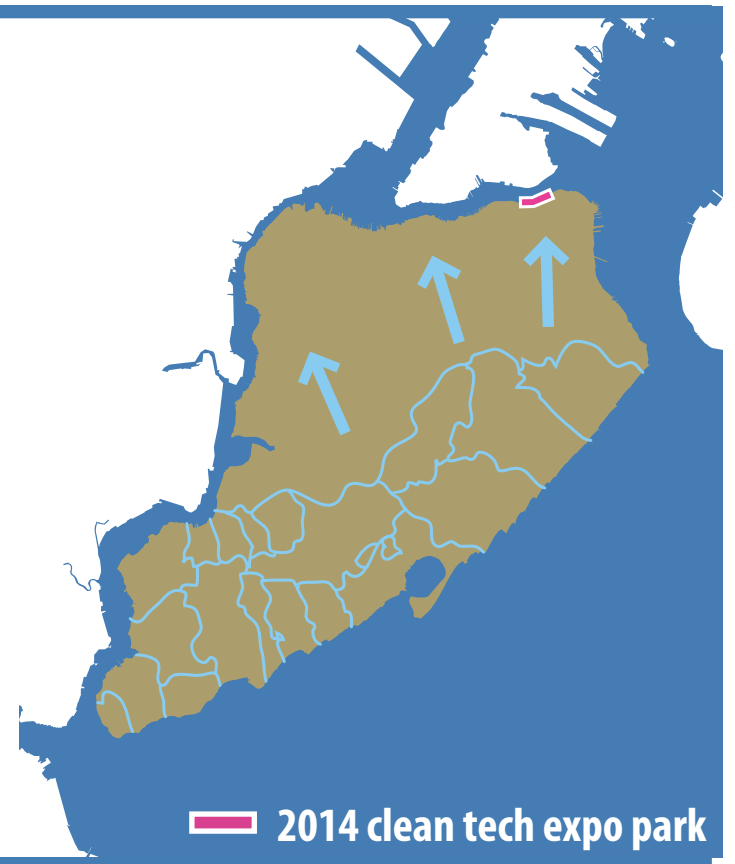
The **SEA Cycle** program presents an opportunity to change the way New Yorkers travel between the Boroughs as well as an opportunity grow and develop attractions along the New York waterfront communities and strengthen the City’s reputation as a leader in alternative forms of urban transportation.

SEA Cycles would function as a accessory vessels to allow cyclists, riding a wide range of bicycles, to continue their bike routes within the new 6th Borough . This new form of public access to the 6th Borough will allow cyclist to not only bridge the gap between boroughs, but to simply use the waterways for their own recreational purposes as well.

ECOLOGICAL TIME TRAVEL

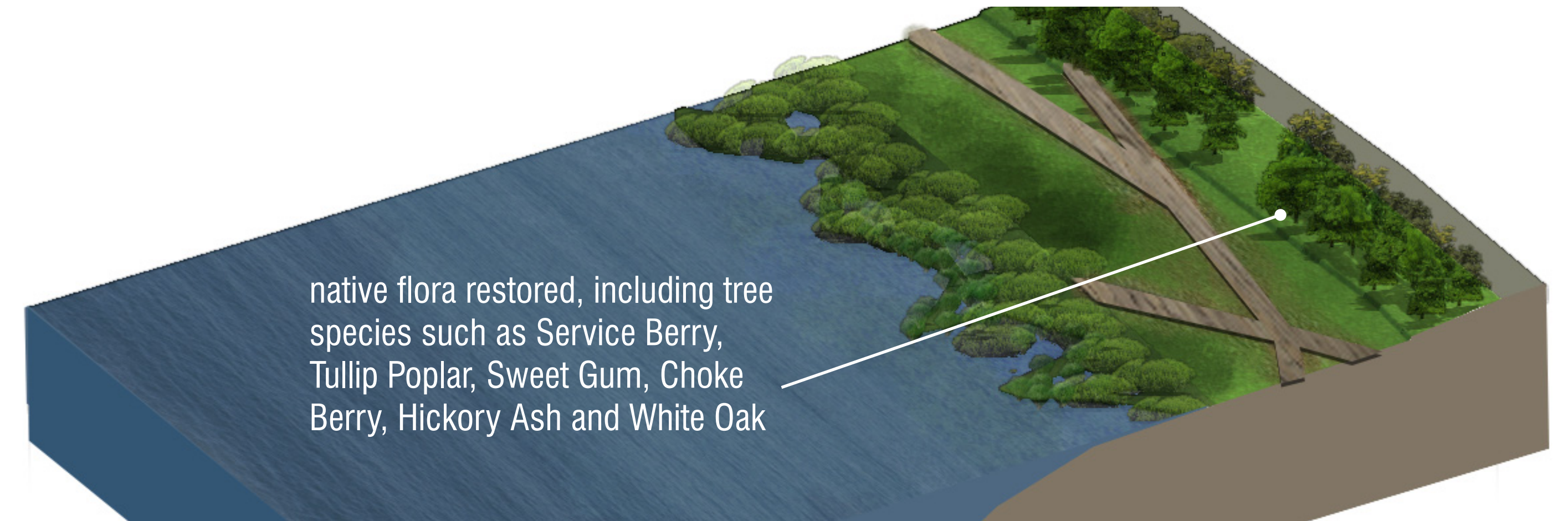
2014 | Staten Island

Staten Island “blue-belt” infrastructure projects will enhance development to the North Shore . For example, the 2014 Clean Tech Expo, will utilize Best Management Practice storm water initiatives to construct a new park system along the abandoned SIRT ROW at the current Atlantic Salt industrial lands site. This new park would serve many functions including; linking Snug Harbor parks with existing pedestrian connections along the Bank Street waterfront, providing an ecological function as a constructed saltwater marshland as well as providing an opportunity for visitors to experience the past, present, and future ecological conditions of Staten Island’s unique waterfront environment. The [SEA Cycle](#) program will link New Yorkers from all 5 Boroughs to this new park furthering access to New Yorks great public spaces.



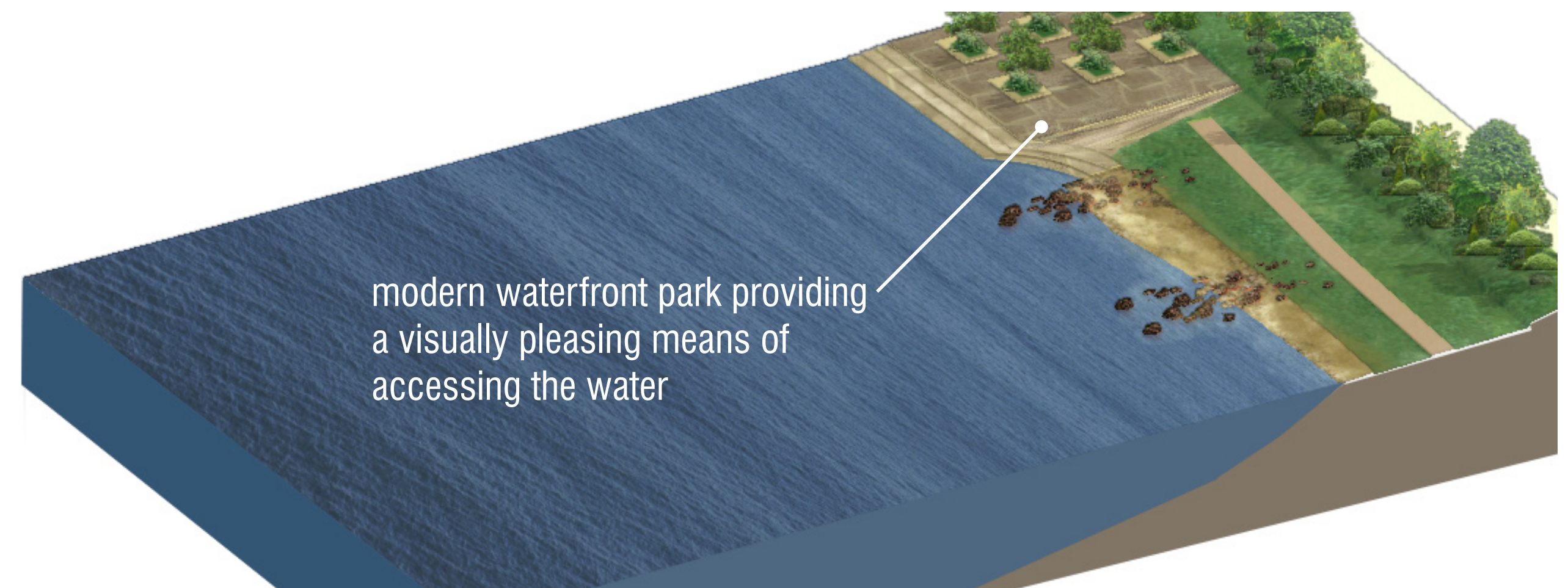
PAST

This park provides visitors with a glimpse into the the history of Staten Island’s waterfront. A boardwalk over a restored landscape respresenting a pre-settlement ecological system.



PRESENT

The underutilized Staten Island waterfront presents a great opportunity to create new public open spaces for both the Staten Island community and visitors.



FUTURE

Open space park planning rarely explores innovative multi-function planning initiatives. Staten Islands Waterfront will serve as an ideal site for the 2014 Clean Tech Expo, by programming the “Future” park to explore clean tech energy systems incorporated into a public open space.

