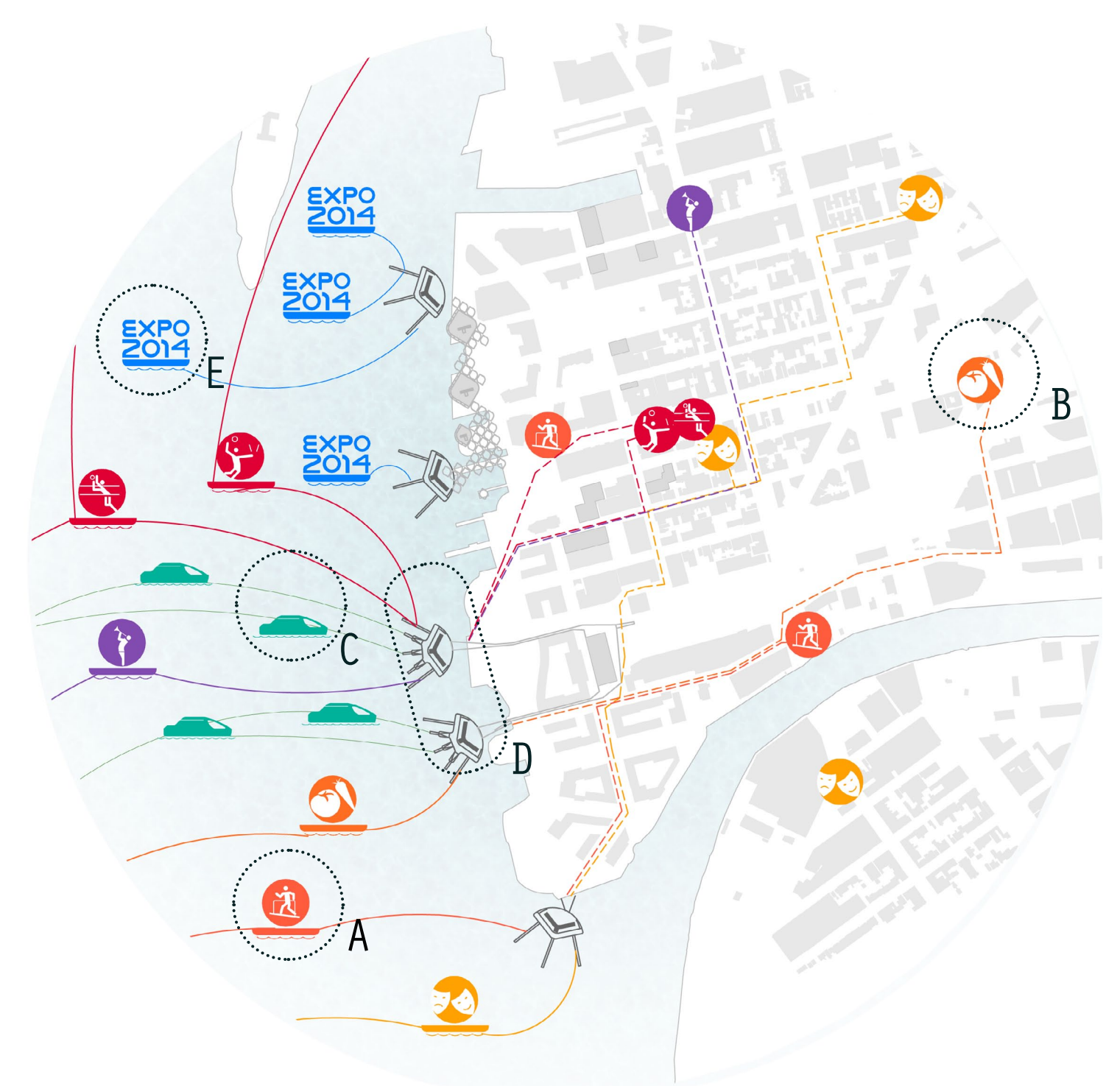
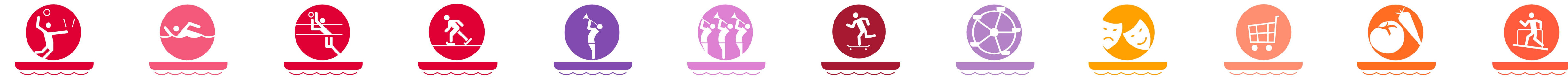
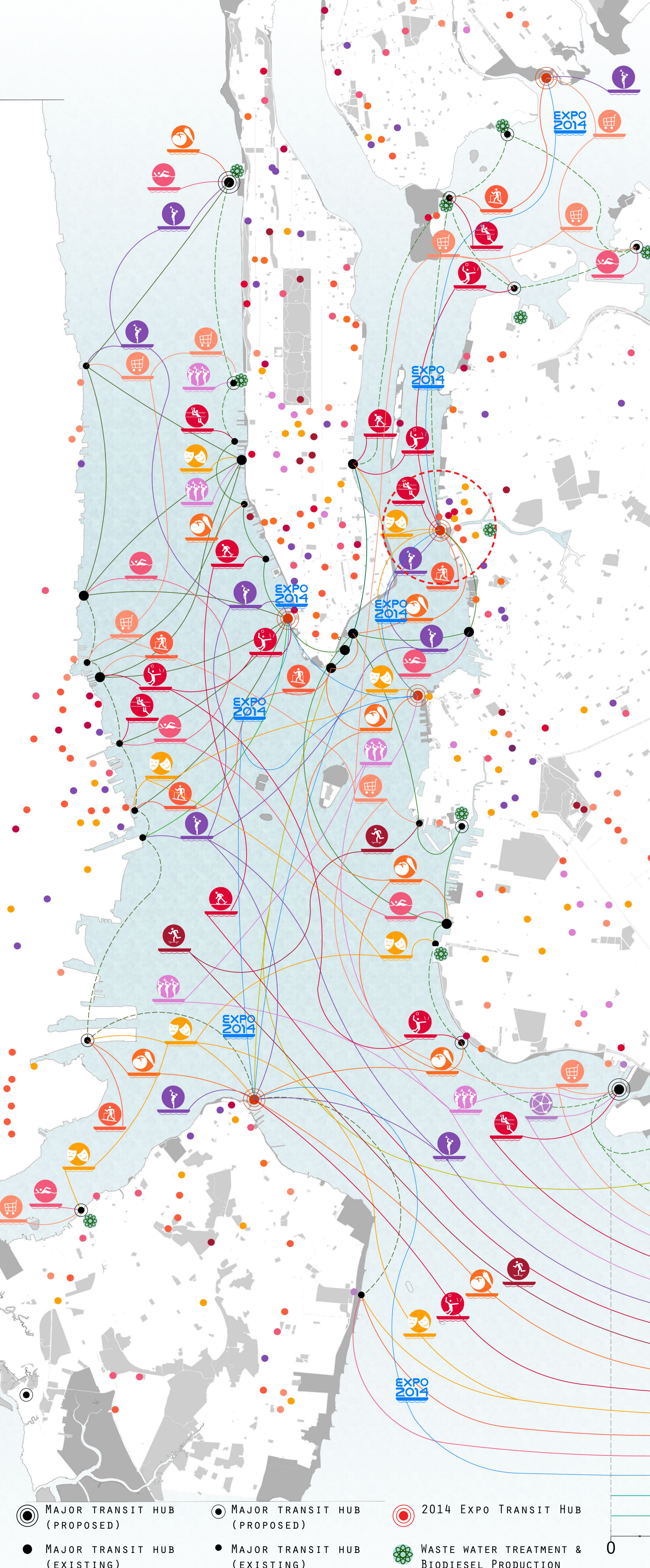
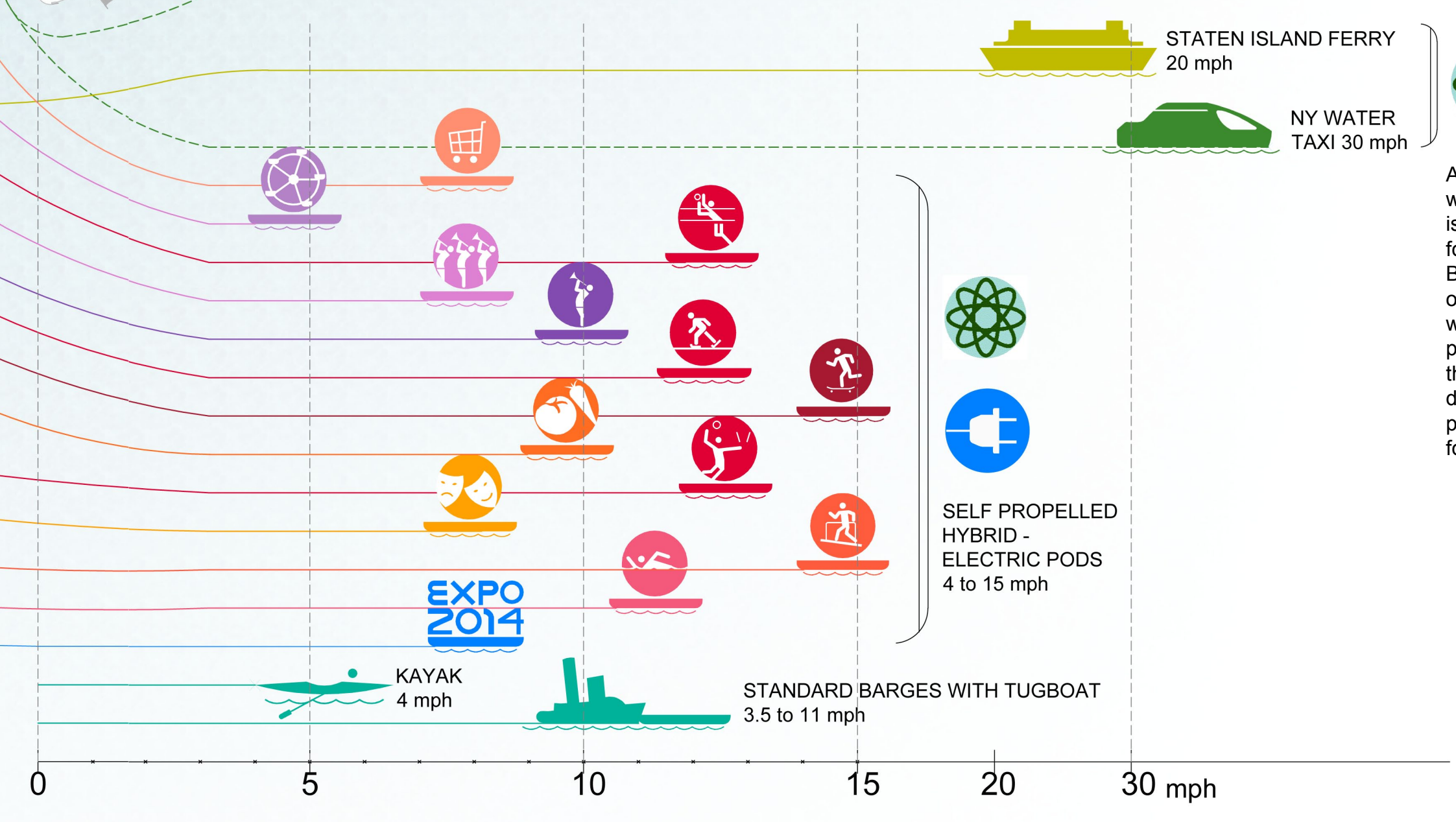
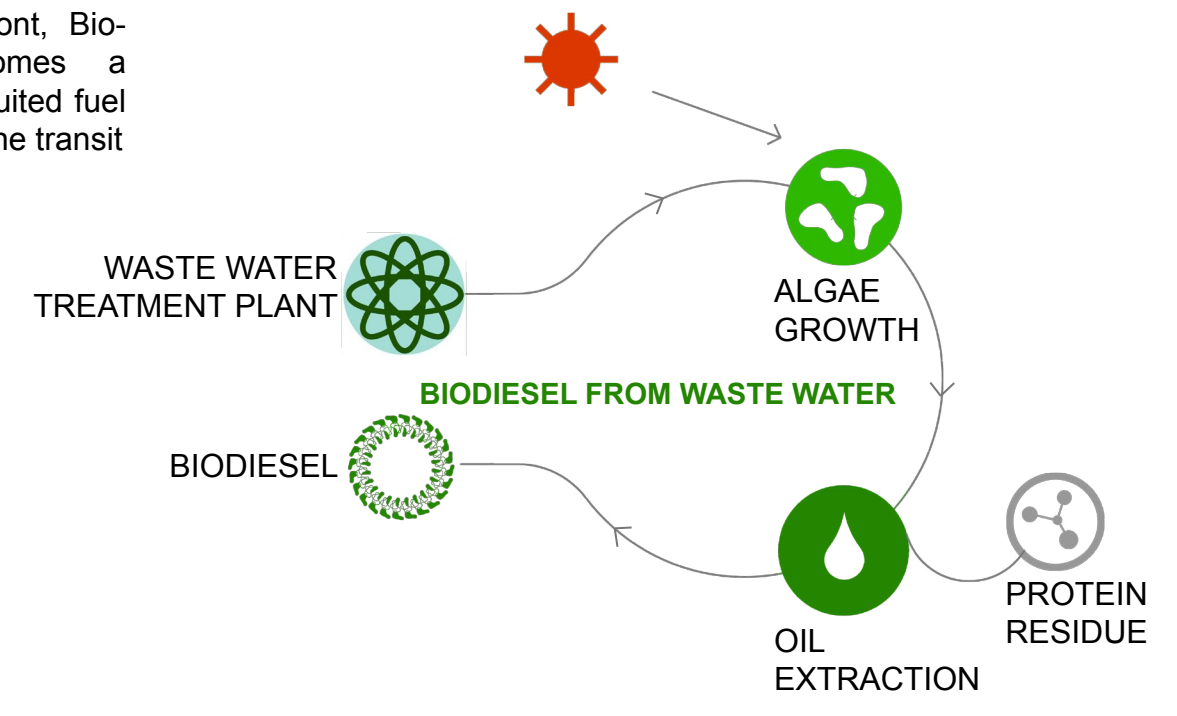




- A A NETWORK OF RETROFIT BARGES**
The project proposes a unique habitation of the sixth borough with a network of **retrofit self propelled barges** that will host various programs on the water like waterborne theatre, musical performances, fitness, sports, shopping and farmers markets.
- B ENGAGE LOCAL BUSINESSES**
This network will connect people to and from local businesses in the vicinity of the water. One can move from a farmers market at Hunters Point to one at Union Square on a mobile water borne market, thereby generating a **new economy of water based businesses**.
- C THE CLEANTECH RETROFIT**
Existing water transit infrastructure will be enhanced and retrofitted to use Clean Energy. The NY Water Taxi will now run on **Biodiesel** made from algae grown on waste from the city's waste water treatment plants. The self propelled Barges will use **Hybrid Electric / Biodiesel Fuel**.
- D TRANSIT HUBS AS CHARGING STATIONS**
A new system of **multi-scalar transit hubs** will provide Clean Energy to power ALL existing and proposed water based Clean Tech transit. Charging stations are strategically located to maximise transit potential or in close proximity to waste water treatment plants, providing Biodiesel for The Blue Network.
- E EXPO EXHIBITS CONNECT VARIOUS EXPO ZONES**
Parts of Expo 2014 will float connecting and **trading Clean Tech knowledge between the various zones of The Expo** on self propelled pods.



Algae from waste water treatment plants is particularly suited for the production of Bio-diesel. Since most of New York City's waste water treatment plants are located on the water front, Bio-diesel becomes a particularly suited fuel for water borne transit





BARGE--RE-CHARGE ②

- A THE EXPO AS A LARGER CYCLE OF CITY REGENERATION**
The Expo pavilion sites are strategically chosen to **develop underutilized, neglected, abandoned or polluted sites** in the city. In doing so, The Expo becomes part of a larger cycle of city regeneration.
- B INVOLVING LOCAL COMMUNITIES IN THE CLEAN TECH REVOLUTION**
The Expo will lease out small parcels of underutilized land in the city and use these as **incubator sites to enhance Local Clean Tech knowledge and expertise.**
- C A PLUG-IN EXPO: USING THE NETWORKED WATER FRONT**
The Expo will take advantage of the Blue Network to propose water-borne pavilions and pavilions in close proximity to the water. The plug-in nature of the transit hubs will allow **water borne parts of the Expo to move between Expo Zones on the retrofitted barges used by the Blue Network.**
- D MULTIMODAL TRANSIT CONNECTIVITY**
The Water borne transit hub plugs all existing NYC water taxi services retrofitted to run on Bio Diesel and **connecting to other Bus, Rail, and Metro infrastructures, as well as the The Expo 2014 Bus Loop.**
- E INTELLIGENT DIGITAL SCREENS**
The pavilions will be simple glass and steel structures that will use intelligent digital displays to show case the clean technologies inside, onto their facades thereby **engaging streets and public spaces.** The screens also use embedded solar mosaic technologies - miniature solar photovoltaics - to generate power for each pavilion.

