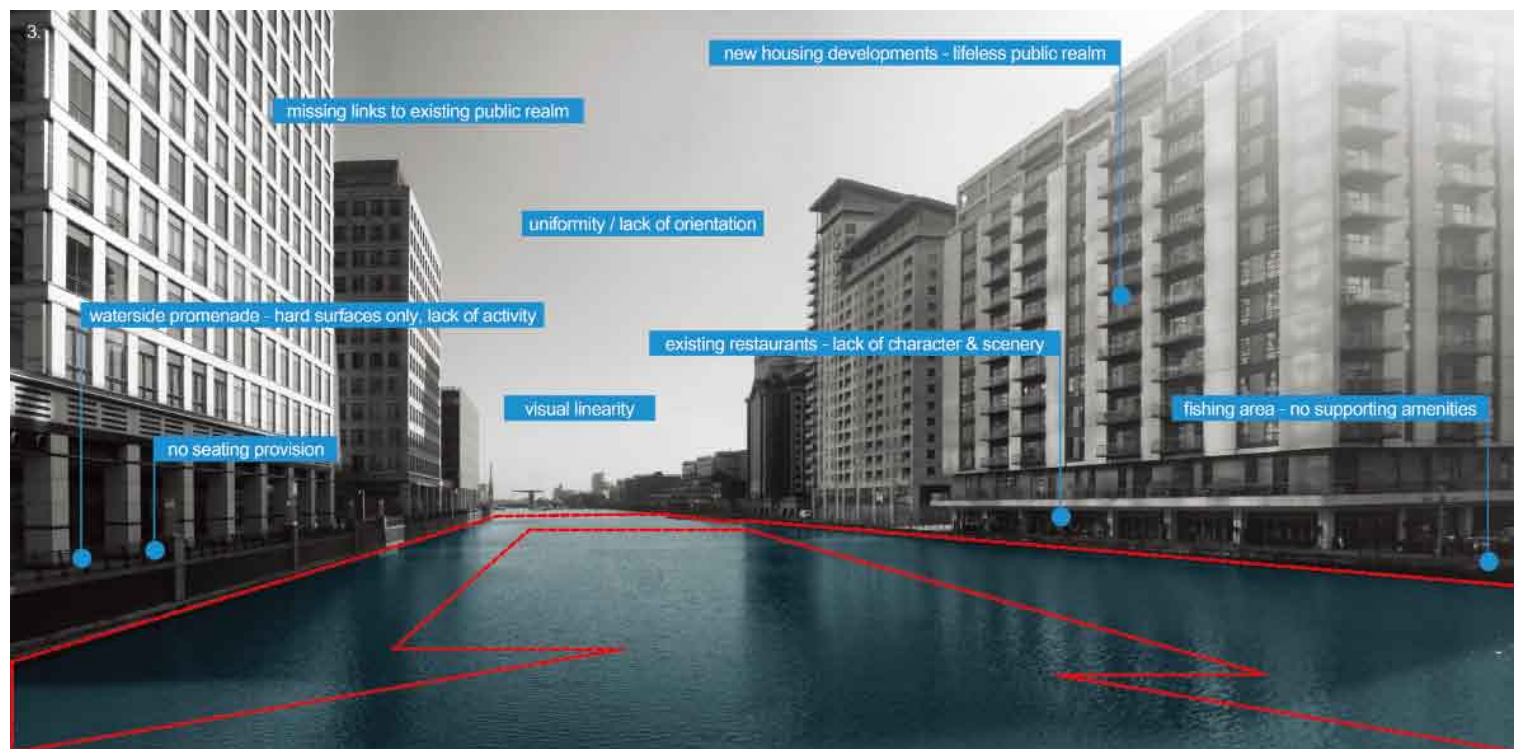
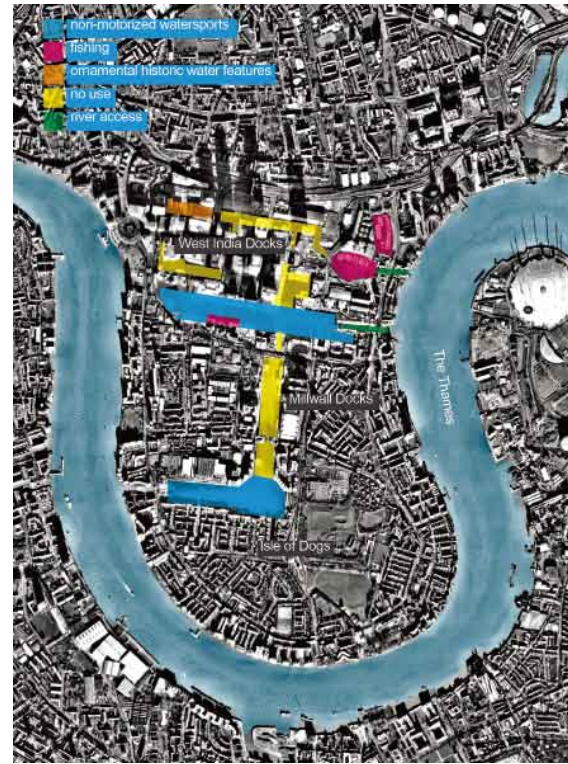


Millwall Docks Floating Gardens

The floating gardens will eventually provide a valuable environmental and social resource for London itself.

FoRM Associates' strategy seeks to redress the imbalance of the regeneration cycle started in the early 1980's. Over the ensuing decades the emphasis has been focused on the delivery of high density buildings. We see an emerging opportunity to revitalise the water bodies that form the historic docks. 'Migratory Green Urbanism' heralds a radical green urbanism for the post industrial age equivalent to the construction of new public parks during the period of industrialization in our cities.

"Migratory Green Urbanism" proposes a gradual insertion of sustainable natural ecosystems combined with opportunities for passive and active recreation on to and into the vacant water bodies utilizing and energizing a forgotten community resource. The intervention forces a realignment of the relationship between water and the surrounding built environment, greater connectivity with the existing dockland public realm and the potential to fulfill the ambition for integrated green infrastructure (GI). A new and dramatically different narrative will emerge, describing a dynamic green and blue public realm within the forgotten spaces of the East End Docks. Designed to be accessible for all this sustainable floating system will be open 24/7 and will champion an energy conservative and carbon neutral footprint.



Name of Project / 项目名称: Millwall Docks Floating Gardens Location / 地点: London, UK Date of Completion / 竣工时间: Ongoing Area / 占地面积: 40,000 m² Landscape / 景观设计: FoRM Associates
Photography / 摄影: FoRM Associates Client / 客户: Royal Institute of British Architects

Walking Paths: Elevated Stainless Steel Decking and Timber Decking;
Furniture: Timber Benches;
Illumination: Photovoltaic Lighting, LED markers;
Plants: Reed Beds, Ecological Floating Island Systems;
Others: Algae Control Systems, Water Purification Systems



度本图书，从技术上解决了土工、结构和自然条件上的复杂难题。木板路在材料选择上由传统的木材改为玻璃纤维，这样，光线和水就更加容易通过植被了。配有定制家具的五个点给人们提供了休息和享受这迷人的砂岩海岸的场所。通道的设计十分考究，突出了“冒险”与“体验”之间的平衡。诸如栏杆的设计及安装地点的局限性都体现出了安全这一重要理念。

本案有着十分清晰的设计风格，即材质简洁。材质的使用都是随着小路方向的变换而设计的，充分展现出峭壁顶端的风貌。轻盈标准的结构从地延伸至海拔7米高的地方更加突出了悬崖的冒险体验。

所有材料的选择都注重了原生态、可持续和少维修的特点。组合材料用于装饰，获得了美学上、生态上和可持续性的目标。玻璃纤维网被普遍应用于重要植被，使光线、雨水更易渗透，结构更简单牢固。选择这种材料是由于海岸常年暴露于海水日光中，玻璃纤维是唯一能够抵挡腐蚀，满足设计质量和美学目的的材料。





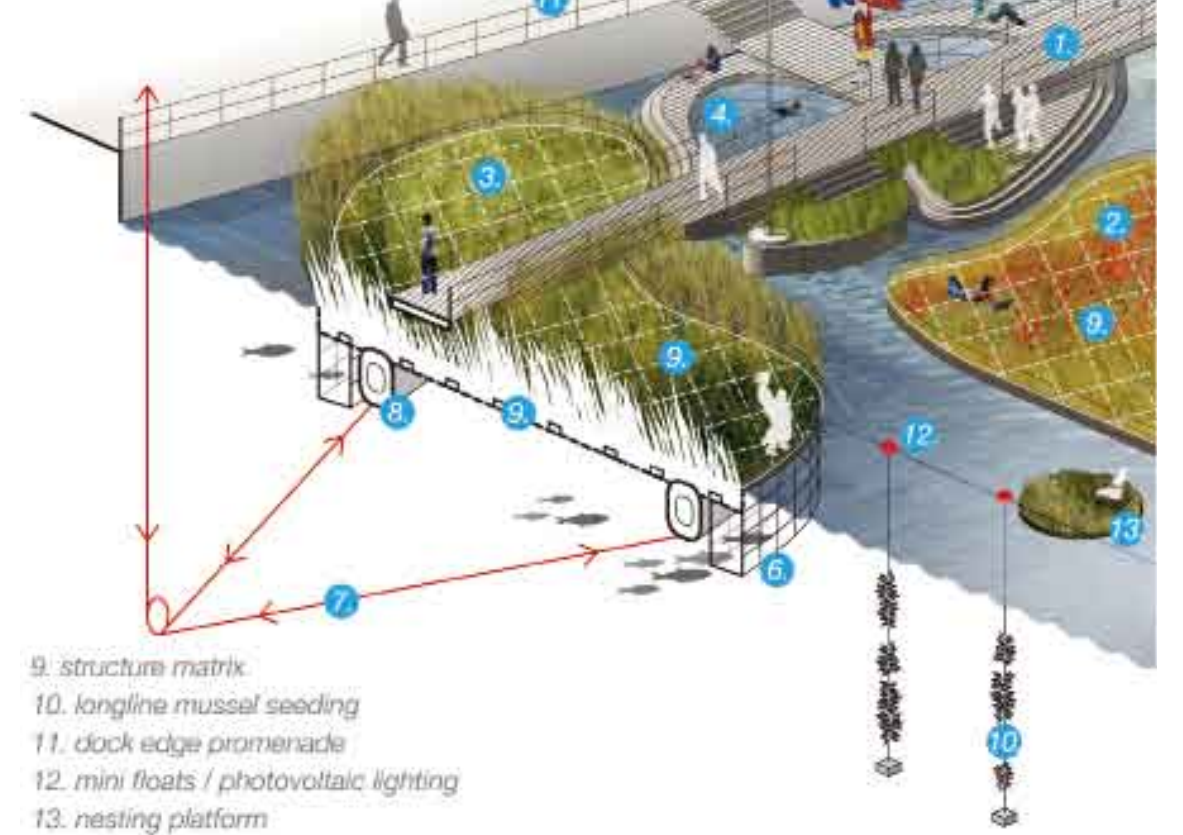
The gradual introduction of the interconnected floating habitats will start to create a linear park on the water migrating from Millwall Inner Dock into West India Dock. Experimental use of seeded mussel banks may develop to provide water cleansing capacity kick starting further bio-diversity gains, lower concentrations of algae bloom and so on. The new linear park will deliver an extended functionality capable of meeting the needs of people that live and work in the newly constructed metropolis.

The plan arrangement will allow ease of passage for boats and ensure the requirements for water sports are maintained. In addition, the floating bridge links will be flexible for repositioning in order to facilitate waterborne access through the docks. Our proposal is not solely about the animation of a forgotten space it also serves to meet the needs of the people that live within the surrounding conurbation.

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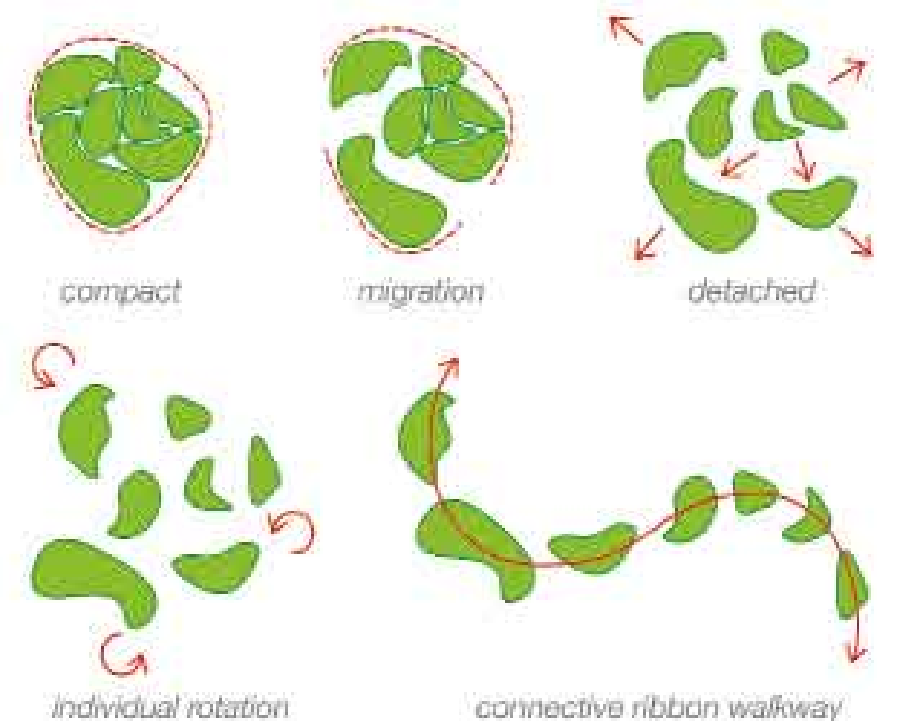
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1. elevated walkway
2. floating gardens island
3. floating reed bed island
4. plunge pools
5. wind turbine / photovoltaics
6. fish refuge cage
7. anchor cables / island positioning
8. rigid plastic floatation



9. structure matrix
10. longline mussel seeding
11. dock edge promenade
12. mini floats / photovoltaic lighting
13. nesting platform

Migratory Urbanism - Flexibility of Island Configurations



compact

migration

detached

individual rotation

connective ribbon walkway