

LIFE ON LAND

EXHIBITION



Sam Pearce

Climate Emergency and Sustainability





Reception



Small Islands Zone

GOAL 15

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

United Nations, 2016



Climate Simulation Zone - Heat and Storm Sections



Atlantic Zone

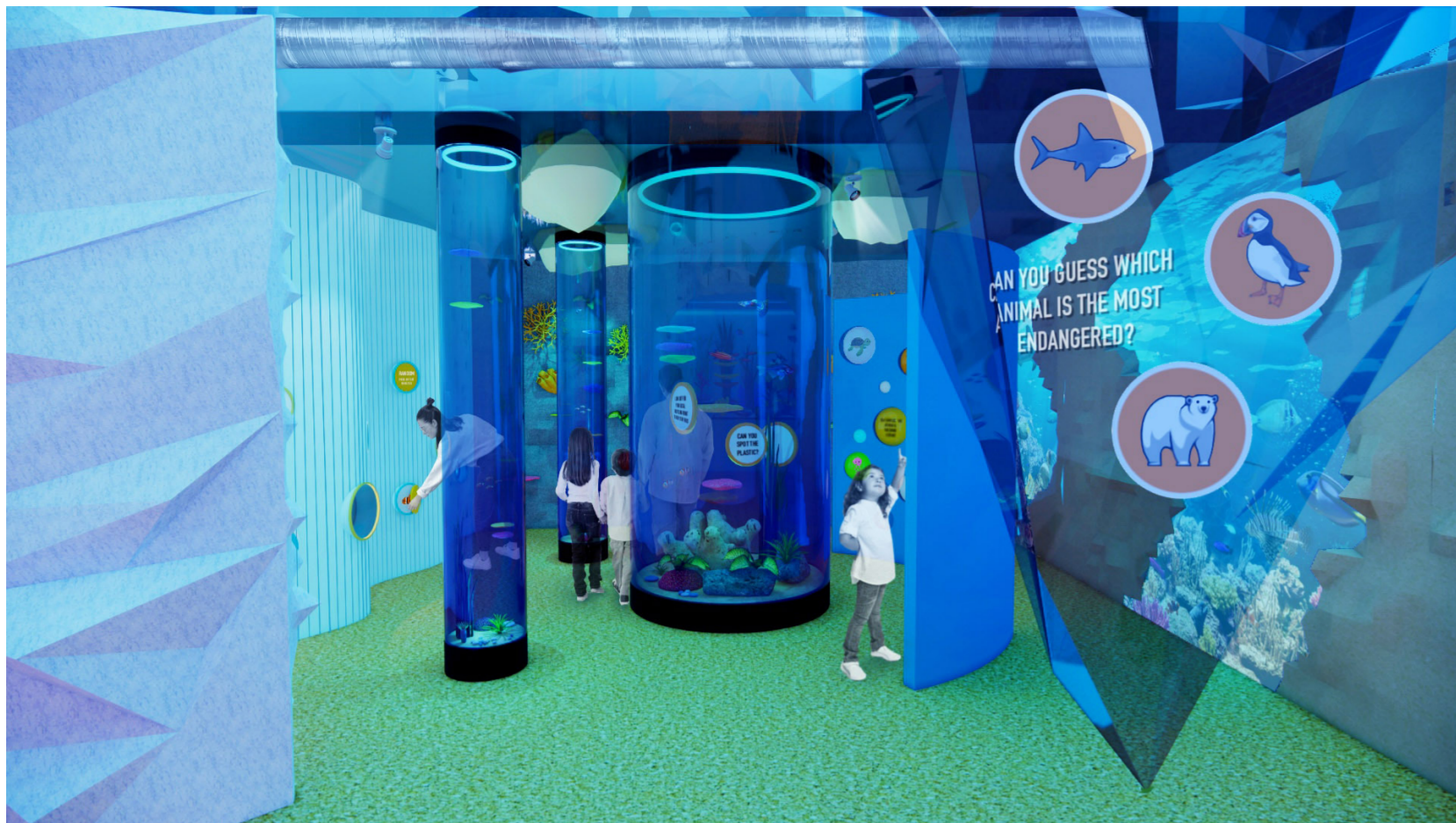
An **immersive**, interactive exhibition designed to encourage children to learn about Goal 15 of the United Nations Sustainable Development Goals in a fun and engaging way. Users of the space can be taken on a journey of different sounds, sights and textures with the abundance of **multi-sensory**, interactive exhibits designed to engage the users within the issues being addressed. The space is located within the heart of Leicester, just next to the Old River Soar.



Climate Simulation Zone - Wind Section



Planetarium



Underwater Zone



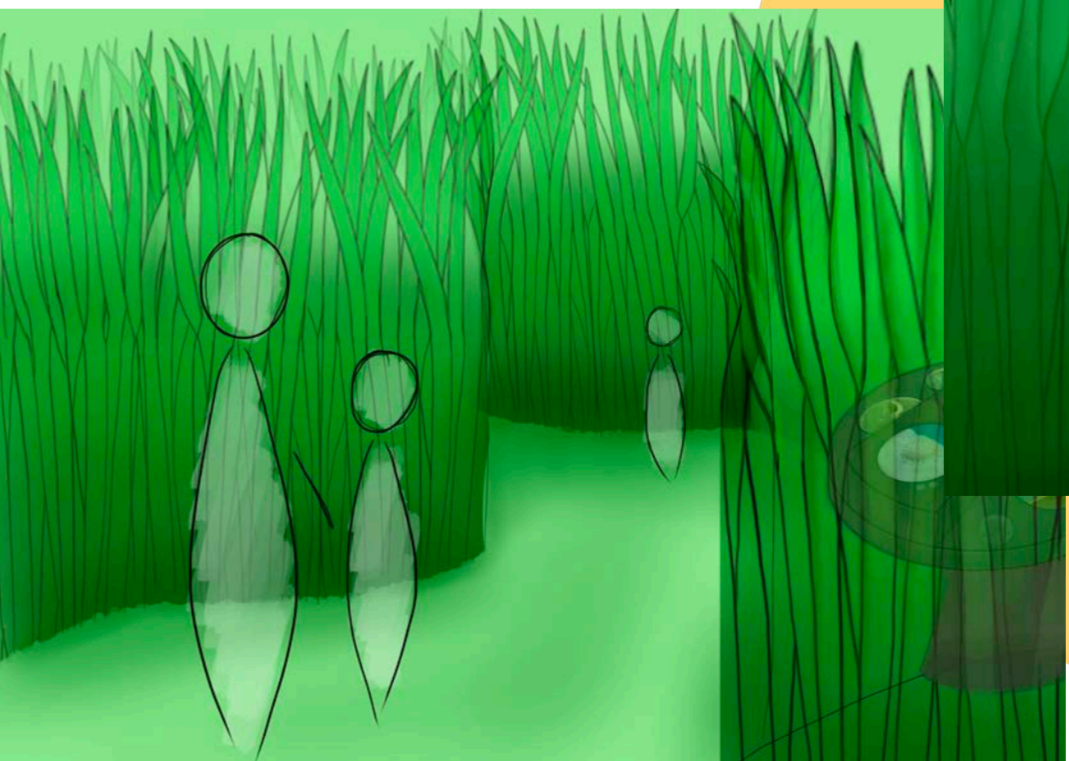
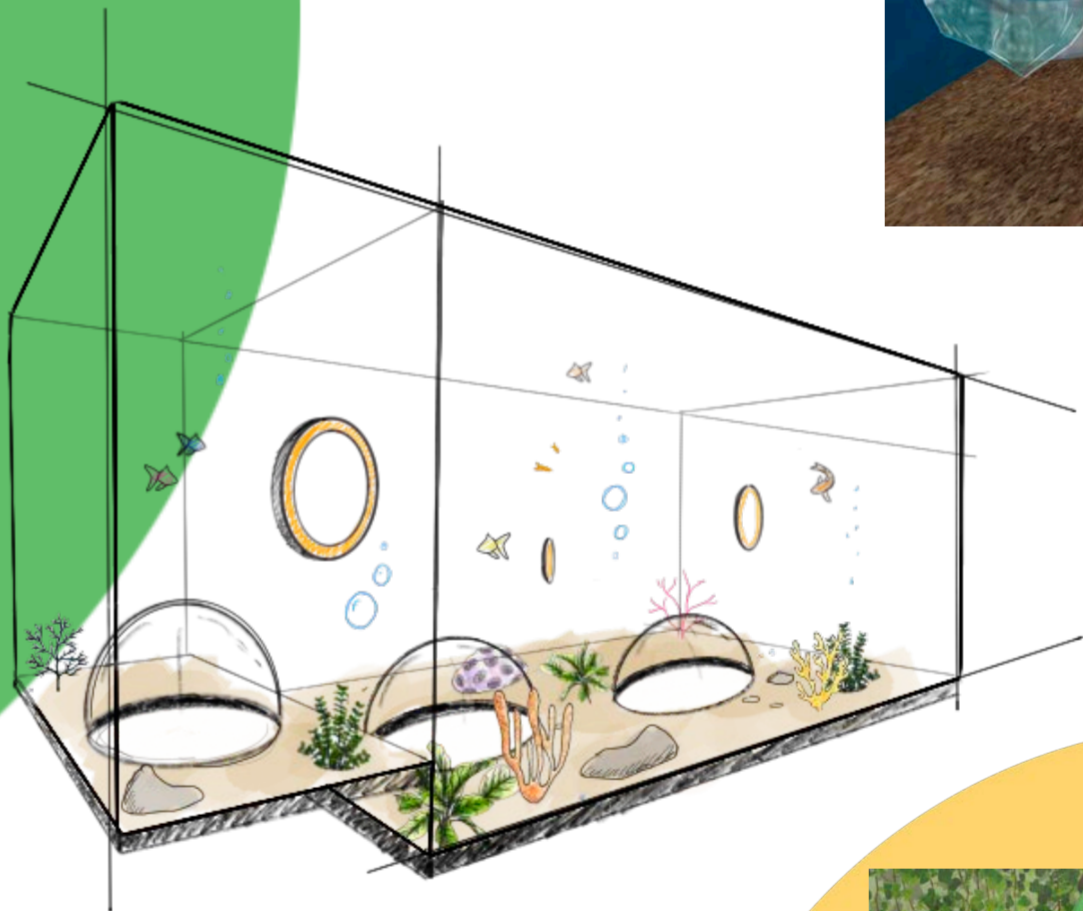
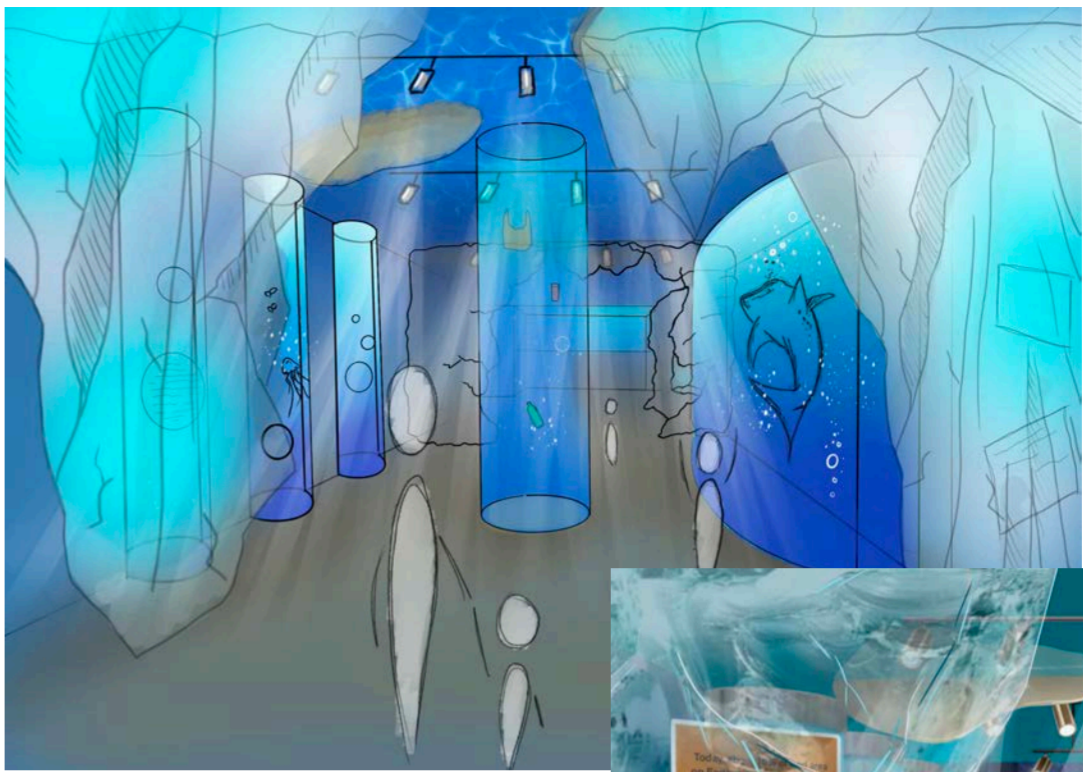
Underwater Zone - Coral Reef Section



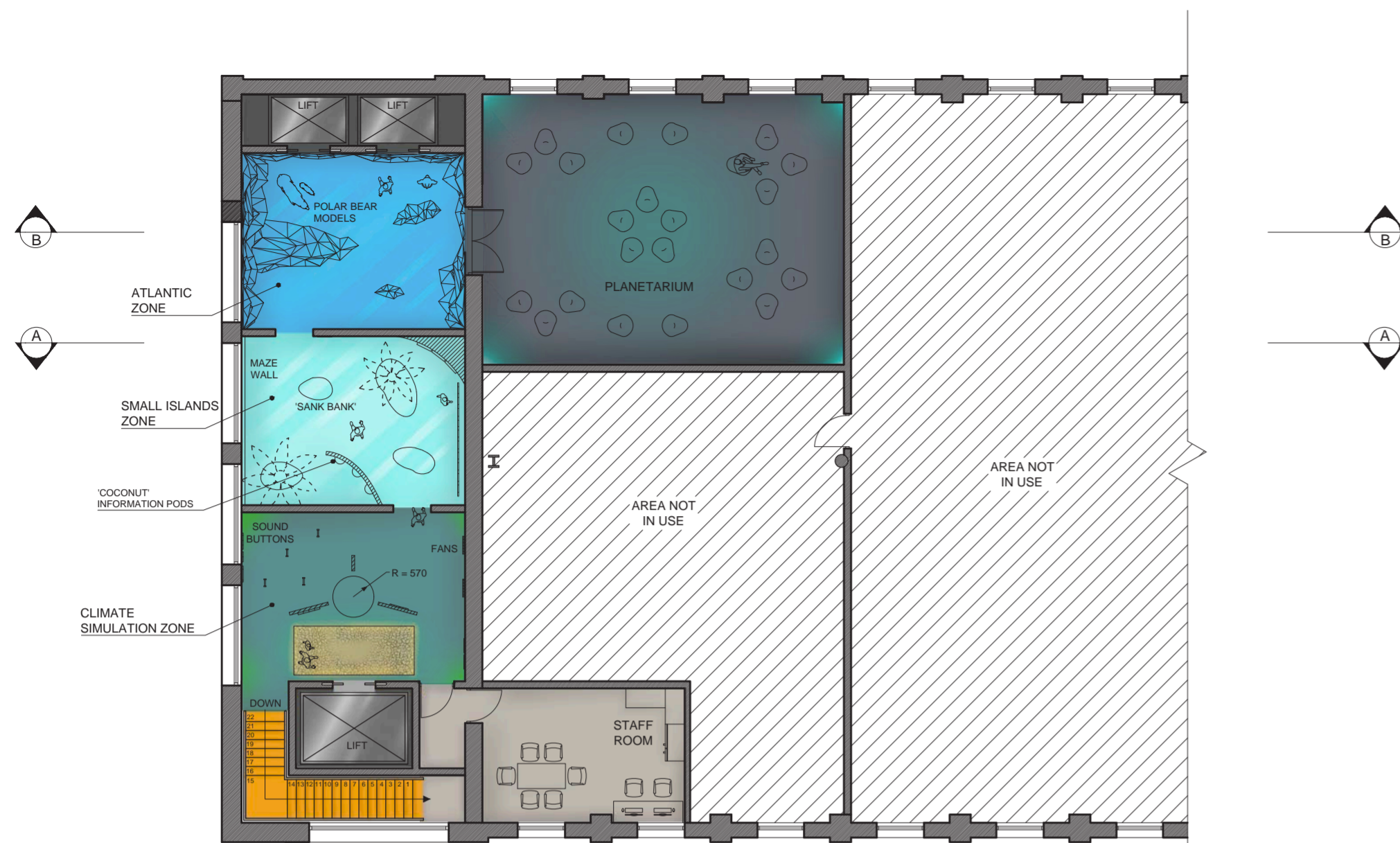
Play Area - Food Chain Games

At the beginning of the journey, users can learn about what **climate change** is and how it affects our planet through the different interactive exhibits such as a projected floor which cracks when users walk on it.

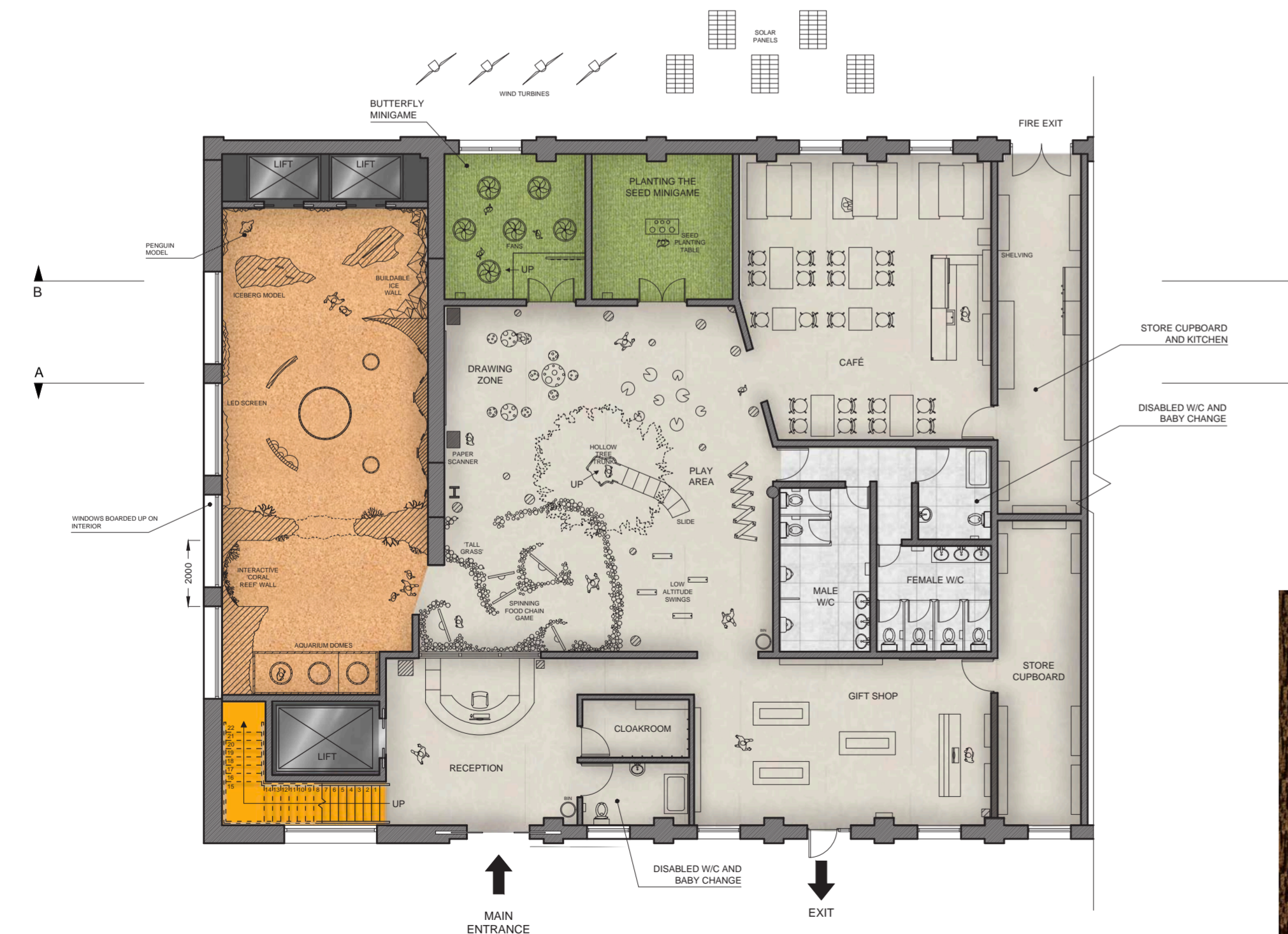
Each zone features themed exhibits that educate the users on issues such as **rising sea levels**, coral reef bleaching and **biodiversity loss**.



Development Sketches



First Floor Plan - Not to Scale



Ground Floor Plan - Not to Scale



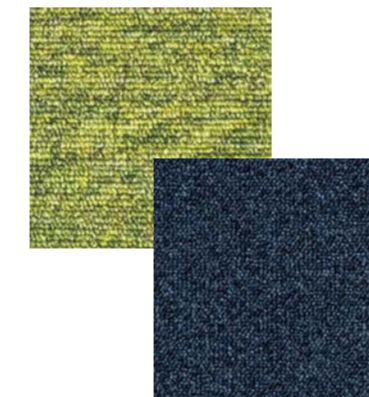
ALTRO Ensemble Recycled Vinyl Flooring

PVC is made from rock salt and oil, meaning that it contains less carbon than most major thermoplastics. Vinyl flooring can be recycled up to 8 times, which further reduces the carbon footprint during production (Vinyl Plus, 2021).



Cork Flooring

Cork is a renewable and sustainable resource. Cork can be extracted from a Quercus suber, commonly known as a cork oak tree, without harming the tree if harvested correctly (Green Home Guide, 2017).



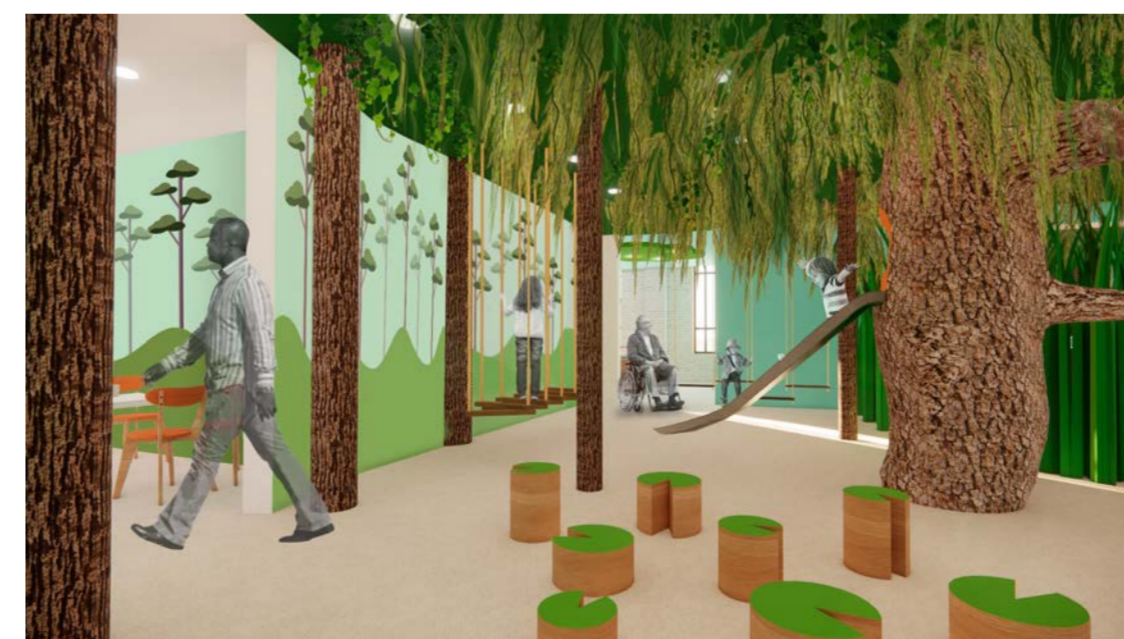
Loop Carpet

From the brand Interface, the carpet installed in the space is completely carbon neutral, meaning that little to no carbon dioxide was released during the production of the carpet.



Glass Flooring

Glass is made from the Earth's natural, raw materials such as soda ash, sand and limestone. These materials make glass completely sustainable and endlessly recyclable (Daedalian, 2020).



Play Area



Drawing Zone



Butterfly Mini-Game



Café



Planting the Seed Mini-Game



Gift Shop

Gift Shop Products



Seeds for planting at home



Animal adoption packs



Books to further educate



Section A - A - Not to Scale

Section B - B - Not to Scale