

CRYSTAPELAGO

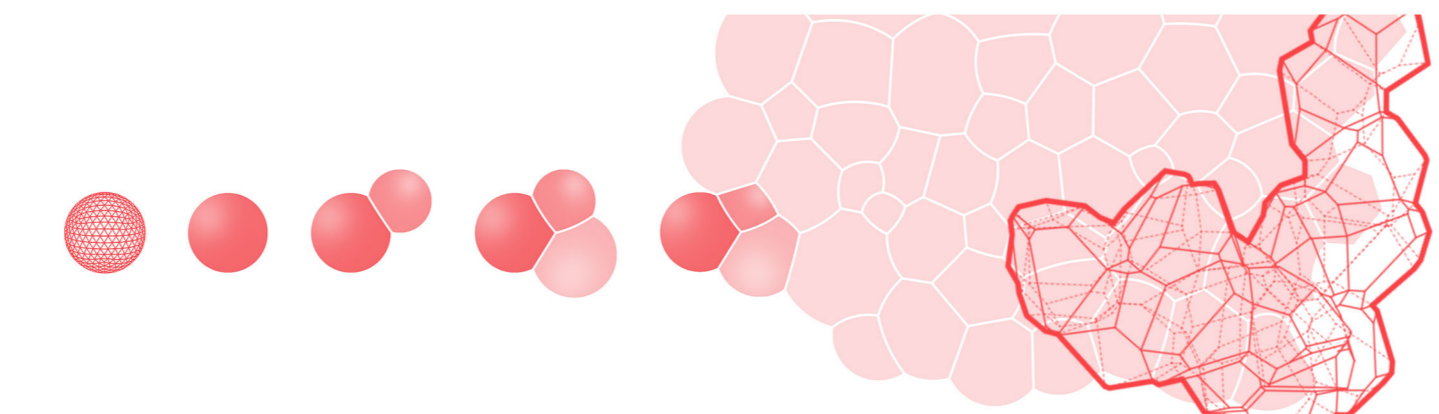


Crystapelago seeks to reinvent Expo 67's legacy through the reinterpretation of one of the last remaining symbols of the Expo. The Biosphere, an emblem of hope for a utopian future, remains visible on Île Sainte-Hélène. Encompassing the greatest volume with the least surface area, the geodesic dome is absolute in solidarity, however, meets its limit when challenged to expand.

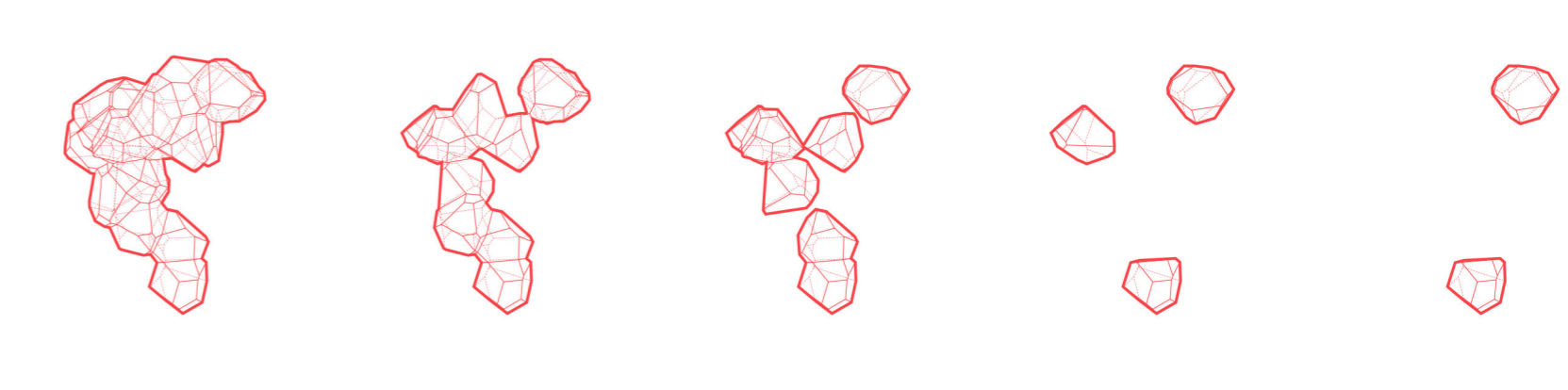
Taking note of the structure and pureness of a sphere, the structure of a bubble is one that maintains its spherical shape while accommodating its surrounding, allowing for clustering and limitless expansion.

Crystapelago will expand over Île Sainte-Hélène and Île Notre-Dame, and through Le Fleuve Saint-Laurent. Clusters of structure will propose the framework in which program may inhabit. Each cluster will take on a particular theme and within each cluster, a pod which will simulate a specific environment – past, present, or future – transporting the inhabitant to another time and place. The complete immersion of the inhabitant into a simulated environment transforms the 20th century mindset of "Man and His World / Terre des Hommes" to the 21st century mindset of "Men and Women as occupants within the World / Les Hommes et Femmes dans la Terre."

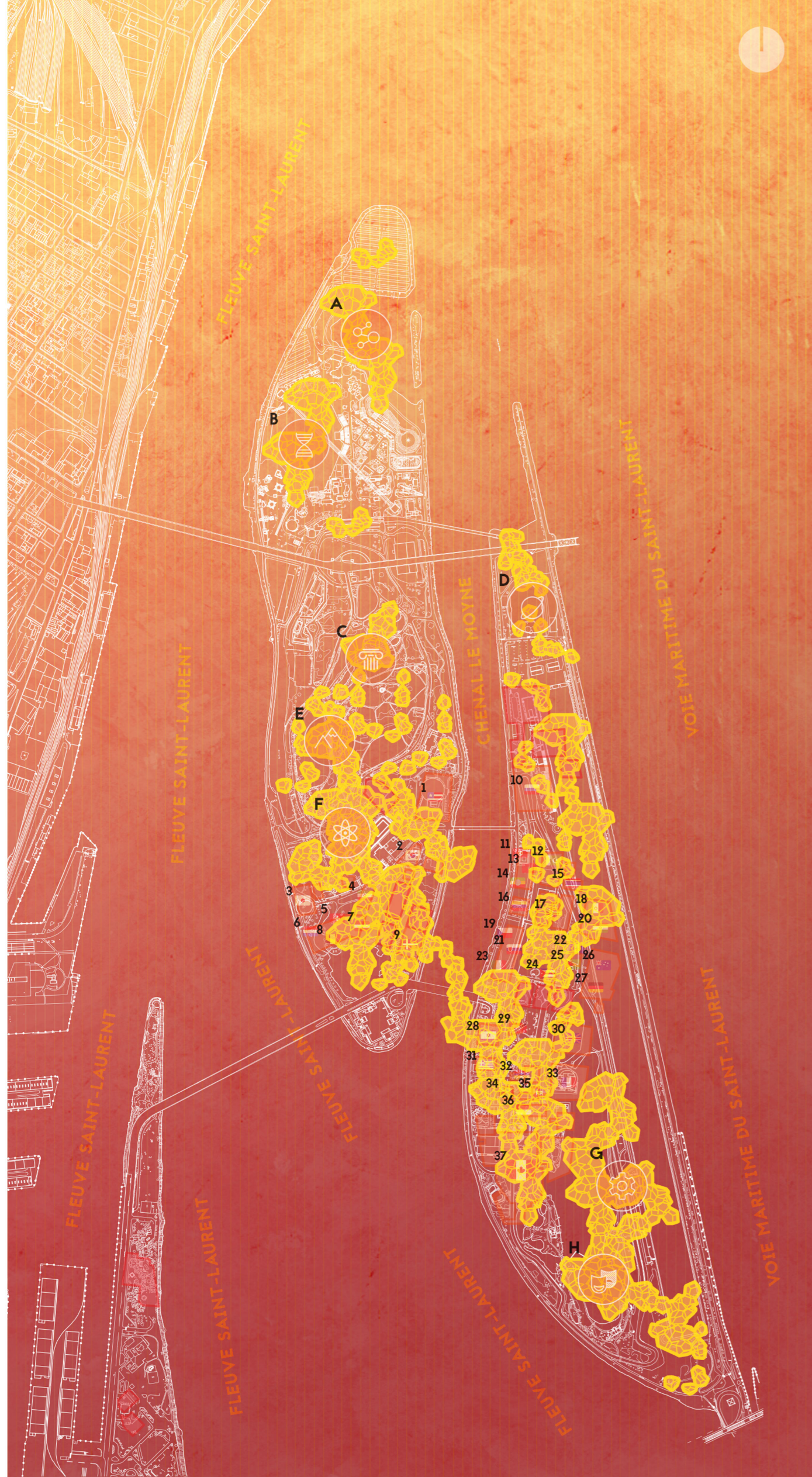
Beginning now, Crystapelago will grow throughout the islands for the next 50 years, working as a series of clusters that make up the larger archipelago. The modular quality of its structure allows for growth, modification, and disassembly of space, speaking to the sustainable and ever changing mentality of today. The simulated exhibits reflect on events from the past and pose questions about the present time. The virtual environments propose possibilities for many futures: some optimistic, some alarming, experimental or assured. The inhabitant is left with the possibility of what a future could be and ultimately a choice in how they may participate.



BUBBLE CLUSTER DIAGRAM



CRYSTALLINE STRUCTURE DISASSEMBLY



ST. HELEN'S + NOTRE-DAME ISLAND SITE PLAN



SIMULATION POD

EGYPTIAN DESERT
2560 BC

STREETS OF NEW YORK
1908

WORLD WAR II
1942

FIRST MOON LANDING
1969

SEQUOIA NATIONAL PARK
1980

SQUAMISH FESTIVAL
2010

ART INSTALLATION
2013

STREETS OF NEW YORK
2015

TOKYO OLYMPICS
2020

MISSION TO MARS
2030

RESEARCH FACILITY
2100



SIMULATION TIMELINE

Each pod is designed to generate a virtual simulation of an event, past, present or future, around the world. By immersing oneself into history, people are able to experience an innovative and social environment, promoting knowledge and education.



SIMULATED EXHIBITS SECTION

- | | | | | | |
|----------------------------------|-------------------------------|---------------------------------|-----------------------------------|--------------------------------------|----------------------------|
| A Chemistry Pavilion | 1 USA Pavilion | 9 Scandinavia Pavilion | 17 Africa Pavilion | 25 Guyana Pavilion | 33 France Pavilion |
| B Biology Pavilion | 2 South Korea Pavilion | 10 Russia Pavilion | 18 Mexico Pavilion | 26 Australia Pavilion | 34 Jamaica Pavilion |
| C History Pavilion | 3 Japan Pavilion | 11 Tunisia Pavilion | 19 Czech Republic Pavilion | 27 Germany Pavilion | 35 Haiti Pavilion |
| D Space Pavilion | 4 Iran Pavilion | 12 Arab Nations Pavilion | 20 India Pavilion | 28 Israel Pavilion | 36 Monaco Pavilion |
| E Nature Pavilion | 5 Switzerland Pavilion | 13 Morocco Pavilion | 21 Slovakia Pavilion | 29 Trinidad + Tobago Pavilion | 37 Canada Pavilion |
| F Physics Pavilion | 6 Netherlands Pavilion | 14 Ethiopia Pavilion | 22 Barbados Pavilion | 30 United Kingdom Pavilion | |
| G Machinery Pavilion | 7 Austria Pavilion | 15 Thailand Pavilion | 23 Italy Pavilion | 31 Greece Pavilion | |
| H Arts + Culture Pavilion | 8 Belgium Pavilion | 16 Venezuela Pavilion | 24 Cuba Pavilion | 32 Mauritius Pavilion | |