
fisheye
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MOSTRA INTERNAZIONALE
D'ARTE CINEMATOGRAFICA
LA BIENNALE DI VENEZIA 2023
Venice Immersive
PEUPLER
MOUAWAD + LAURIER

About the artists, their art & their technology

What makes this duo of artists peculiar is their double interest in technology and art, one of them through music and sound and the other one for concepts and visuals. Both studied together art and technology in the early 2000's.
Peupler is the expression of this singular sinergy.

"We use technology to captivate the audience's attention and invite them to redirect it to nature."



Picture : Guillaume Faure



Peupler / *Populate*

Every living thing is part of a people and populates the world in its own way.
Living together with respect for all life forms is the future we should look forward to.



Note of intention

To populate is the way to occupy space. To populate is a fundamental right. To populate is not exclusive but inclusive. Many organisms populate and we populate, like the millions of bacterias in our bodies, we populate in and with each other. It is our way of populating, we humans, that has to evolve.

Populate is an immersive and interactive installation that aims to talk about this cohabitation and the inter-connectivity of the world. We want to give nature a place whose recognition is sometimes confiscated by technology. The city of tomorrow looks like cohabitation with nature as a necessity and technology will be the guardian of this.

The aim of this installation is to see and feel the point of view of a tree. Firstly, we want to see this tree observing our cities and our lives, as a witness to the ecological improvements it wishes to see. Secondly, we feed this tree with our presence through interactions, and talk about our inter-connectivity.

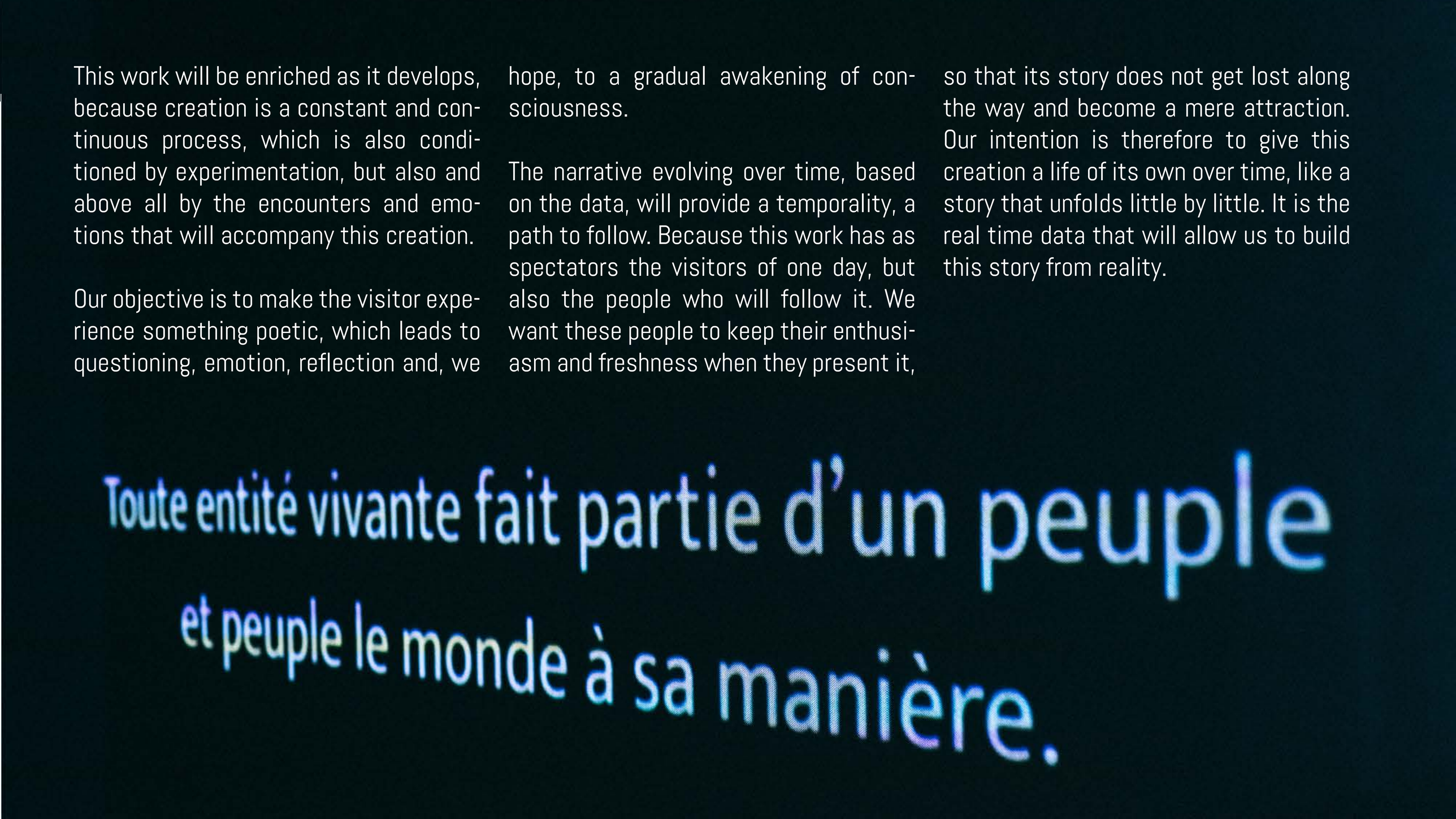


Picture : Marie Flament

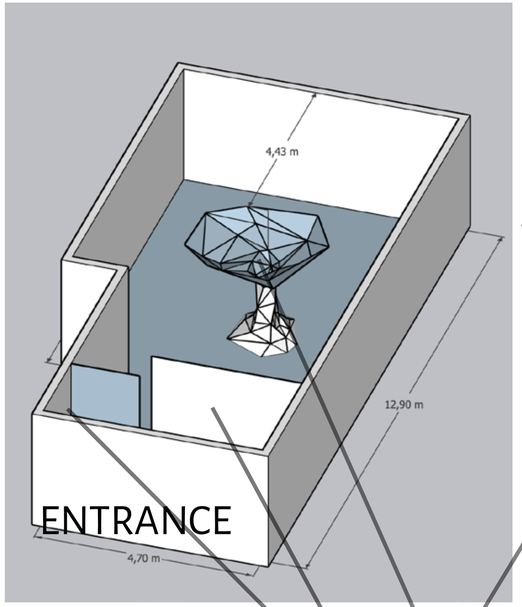
This work will be enriched as it develops, because creation is a constant and continuous process, which is also conditioned by experimentation, but also and above all by the encounters and emotions that will accompany this creation.

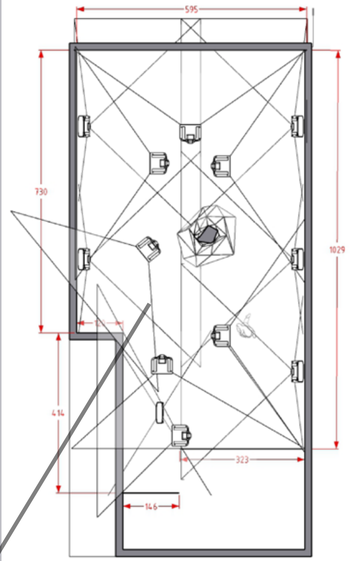
Our objective is to make the visitor experience something poetic, which leads to questioning, emotion, reflection and, we hope, to a gradual awakening of consciousness.

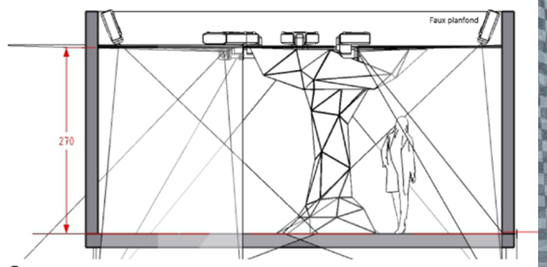
The narrative evolving over time, based on the data, will provide a temporality, a path to follow. Because this work has as spectators the visitors of one day, but also the people who will follow it. We want these people to keep their enthusiasm and freshness when they present it, so that its story does not get lost along the way and become a mere attraction. Our intention is therefore to give this creation a life of its own over time, like a story that unfolds little by little. It is the real time data that will allow us to build this story from reality.



General setup





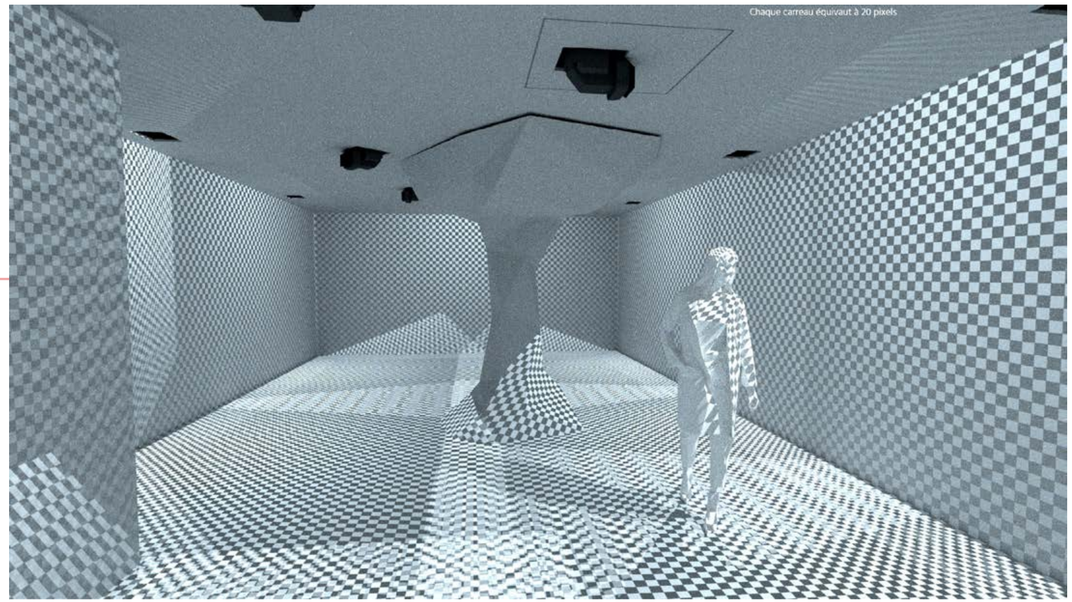


Coupe

Materiel Vidéoprojection:

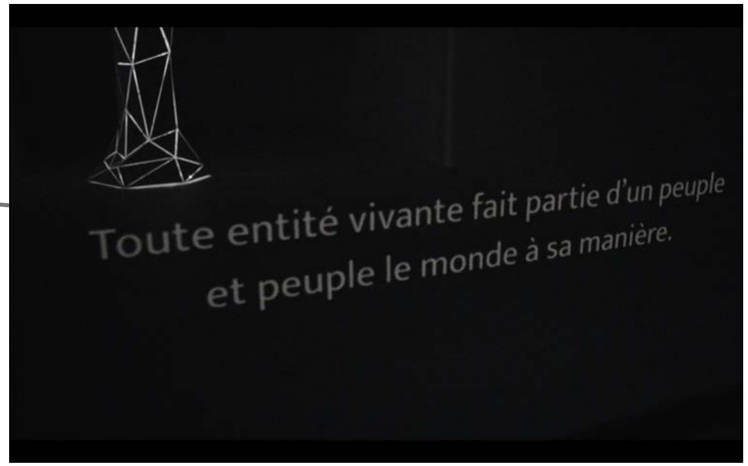
Murs:
7 Vidéoprojecteur 7000 lm WUXGA,
7 optique à miroir (ratio 0.35)

Sol:
6 Vidéoprojecteurs 6000 lm WUXGA,
6 optique (ratio 0.7)

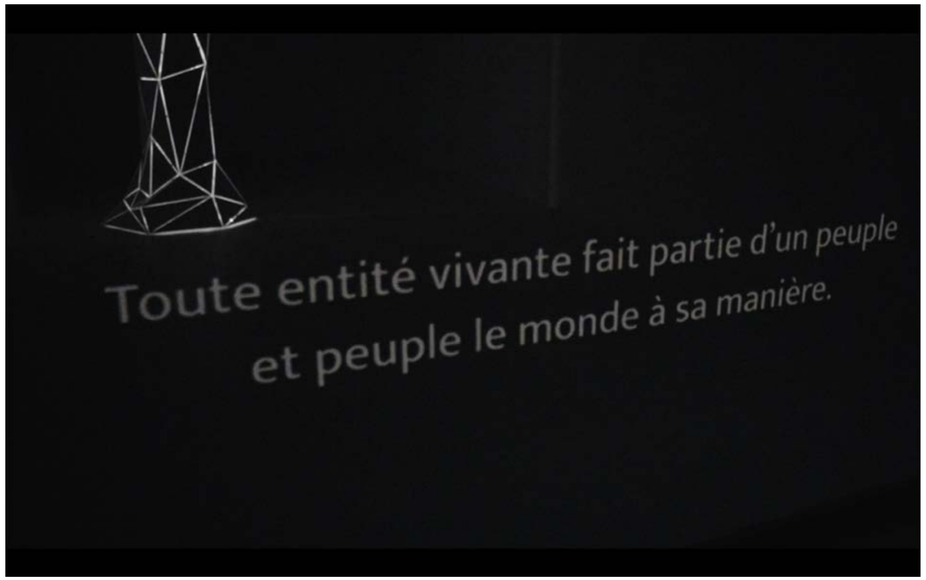




A complitely dark room that has to be minimum 70 m2, and at least 3 meters high ceiling with truss.
(the bigger the better but big impact on general budget)
A tree with LED strip lights inside.
A pupitre with an tablet in the entrance
A tule fabric wall as one of the projection surface
An Olorama that diffuses smells during the performance
Projections with video projectors on all walls and floor
Speakers for the sound
Several Kinects to detect public mouvements and silhouette
Hidden technical control rooms with media servers and computers
Visitor depends on rooms size : 70 m2 = 10 px + 5/6 that can be spectator in the entrance room

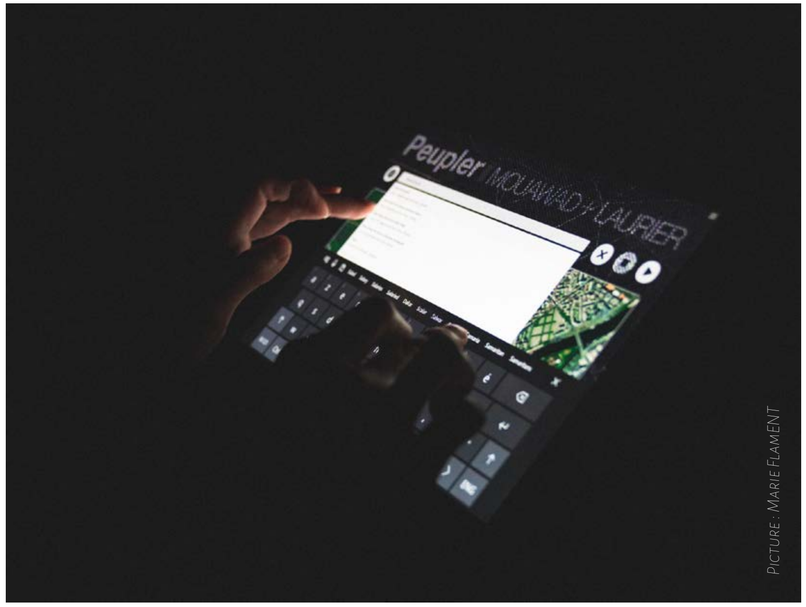


Storyboard



Enter the immersive room with the sentence “Every living thing is part of a people and populates the world in its own way." projected on fabric made wall. A tree in the middle of the room is smoothly lighten.

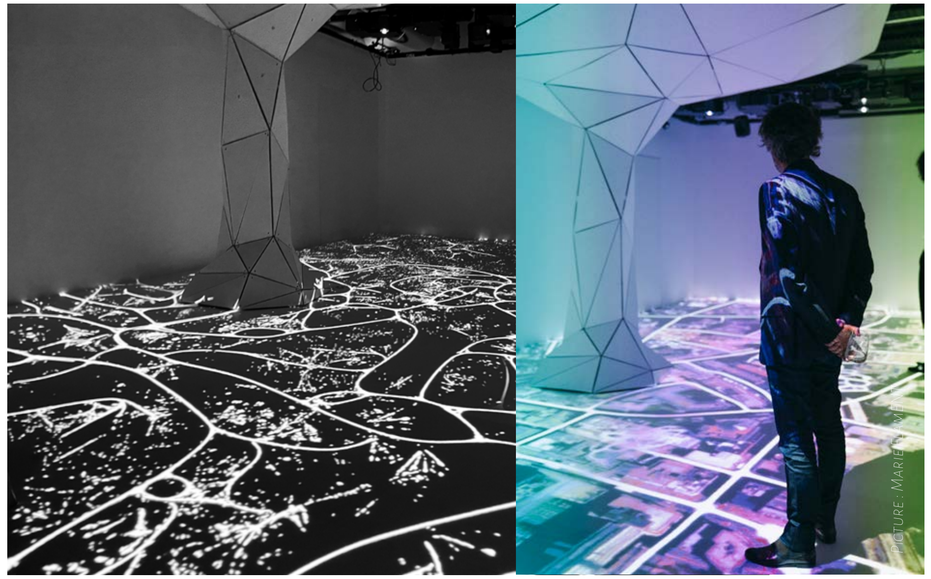
An tablet in a podium stands, you are invited to choose an address or a random remarquable tree, and generate the relaled satellite view.



Picture : Marie Flament


Picture : Marie Flament

The tree lights turns off, the music starts and projected roots are growing from the tree. The roots can feel and interact with all users in the space.



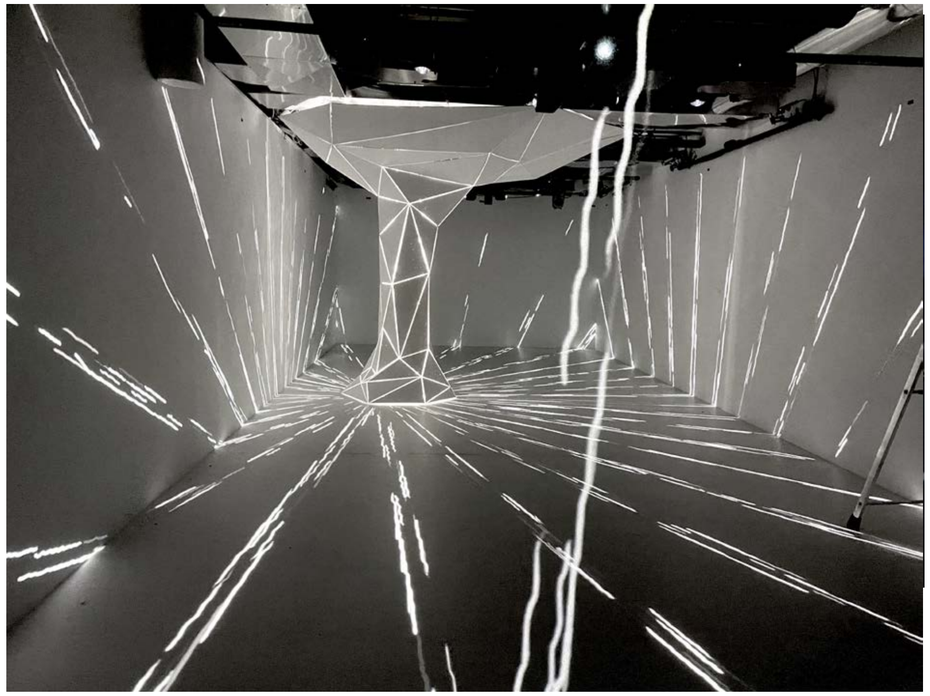
A root evolution starts drawing the topology of the previously choosen map. The roots are looking for green life to create connections.

The roots fades into boreal lights and the aurora comes out, on the wall starts to appear small flying dandelions that slowly draw user silhouettes.



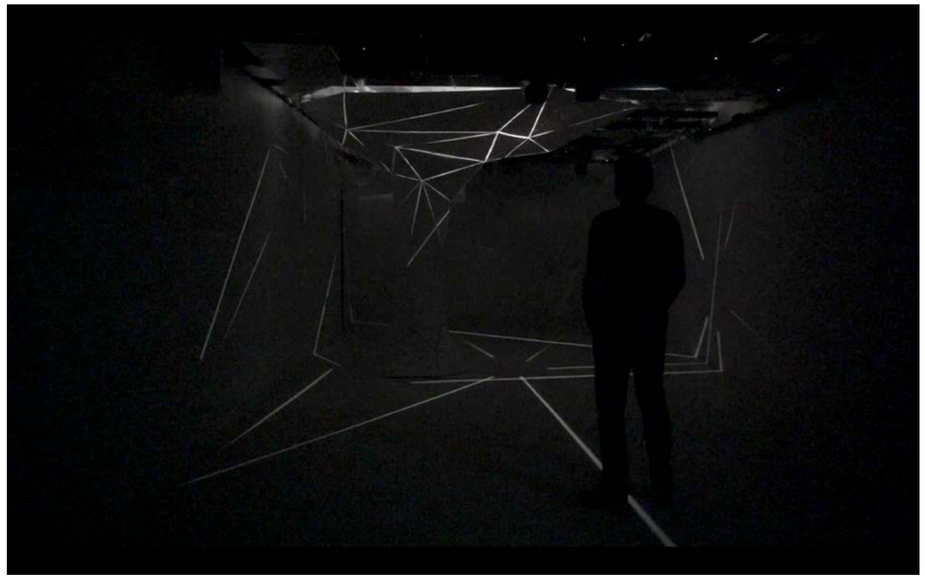
From dandelion you become sand and from sand you become water, people can play with the different particules elements that their body generates.





The projection of your body disappear to feed the tree, that is here standing and suddenly comes to life.

We can feel the life inside the tree.



The tree becomes the main protagonist. He calls for recognition as a living organism.





PICTURE : MARIE FLAMENT

Tree and humans are part of the same community leading to a situation of co-existance and respect.

Everything comes together for a global closing and finds their path for cohabitation.





Once the performance ends, the tree turns on and small birds are singing. People are invited to stay and meditate, and leave when they feel like it.

Remarquable technical aspects

1. In order to track all the users in the room in real time we created an open source software using last generation kinects cameras

2. We use real time data of locations and create the map to detect all trees and green life in the chosen place

3. All content that is displayed is generative material that evolves in real-time, and creates new shapes and painting depending on the users in the room and the chosen city

4. The tree is like floating in the air and we needed light to go through the edges in order to created lines of lights. It needed 3d printing, laser cutting and a terrible patience to make this piece

The Tree is made of 457 kilos of recycled plastic



PICTURE : MARIE FLAMENT

Bios

Picture : Guillaume Faure



Mouawad Laurier is the collective name of two French artists who have been working and living together in Barcelona for 18 years. Maya Mouawad and Cyril Laurier have been collaborating for many years on innovative artistic projects all over the world, working with other artists under the name Hand Coded. In partnership with Pablo Valbuena and Romain Tardy, they pioneered real-time LED control. Now they sign their own work on nature-related themes.

Maya Mouawad is an environmental artist. The aim of her work is to question the place of machines in our modern world: how can these machines affect human behaviour, how can they change the way we perceive ourselves in relation to nature? Her installations often involve the use of new technologies, generative light systems. She has created her own generative light control software. She co-founded Hand Coded with Cyril Laurier in order to create a creative platform to develop tools and technologies for her work and to collaborate with other artists.

Cyril Laurier is a music composer and holds a master degree from IRCAM (Centre Georges Pompidou, Paris) and a PhD from the MTG Music Technology Group at Universitat Pompeu Fabra (UPF) in Barcelona. He has researched ways to detect emotions in music using machine learning and has published his work in journals, books and conferences. He now applies his knowledge of artificial intelligence to art installations, making sentient machines that question our relationship with technology and nature.

He designs sound and music by mixing field recordings, synthesizers and developing his own digital instruments. He is co-founder of the Hand Coded collective with Maya Mouawad as a creative platform to build tools for artworks.

Technical rider

We need to collaborate with a local company that rent and install video **projection** + **sound system** + **mediaserver**, and do the video mapping. We send the real time video flow from our computer in NDI.
We need all floor and wall to be painted in white or light grey, vynil on the floor could work also.
UltraLab will provide and install the tree and its light system on site.

The setup will have to be developed depending on the available space, scenography we propose and budget from the audiovisual company.

