

THE PRECURSOR

The term anthropocene is used to designate the era in which activities of men provoked biological and geophysical changes worldwide, specifically, those changes that have negatively affected the planet causing repercussions on the climate and biodiversity.

The climate crisis has forced mankind to understand that we are not the center of the universe, completely modifying the meaning of our existence and our relation with biodiversity. Man has had to adapt their technological advances and lifestyle to the needs of all living life forms on Earth, as well as nature in general, in order to survive.

Mankind has had the instincts of leaving a mark on everything it touches, although, there is something that differentiates it from the rest; such as its human anatomy, that has served as a mean for knowledge and esthetic veneration. Generation after generation, human being has been represented and served for scientific, esthetic and anthropological research. The body; as a form of artistic representation, has as much history as the paintings in Altamira, the Egyptian art, the Venus from Botticelli, or Mount Rushmore, which has, at the same time, served as a mean for identification for the vision of society through time.

Under this questioning is where the headline of this project surged; "The Precursor", as a proposal for a new model of human being, based on scientific theories which state that the evolution of mankind comes from a bacteria with an independent life and 572 genes. People have 30,000 genes and most of them come from the 572 that were mentioned, making us ancestors of all living creatures.

This project intends to mark the beginning of a new era, where the human being coexists in a conscious manner with his internal I, his surroundings, recognizing the importance of his role in the existence of the cosmos, and generating a new concept of evolution, where he will be able to rescue the knowledge left behind by our ancestors without undermining technological development which shall also be incorporated as a new form of nature.

This new model of man is not only aware of the visible world, it has also incorporated an almost forgotten world to this new vision, the microscopic world, that is not less important than a tree or

even water. It has been excluded due to the ideology of the desire to eliminate any reminder of it. Since it has been mainly related to most of the pathogens, however, the genomes of bacteria, along with genomes of man, are the real genetic content of a human being.

The Precursor contains live microorganisms inside, which produce a green layer that is capable of incessantly pleasing our sight, generating a feeling of connection and calmness to the spectator when seeing this piece. This project is capable of giving a futuristic vision to the monuments of human statues, which were previously made with solid materials such as metals, stone, clay, among others. This project does not remain solely on the esthetic or functional side, The Precursor is pretending to be a monument that reflects the identity of the community, and the principals that gave way to the origin of Fly Ranch and Burning Man.

ENVIROMENTAL IMPACT STATEMENT.

This Project works as a photobioreactor for micro algae, which were the foundation of the development of life on planet Earth. They are made up of versatile prokaryotic or eukaryotic photosynthetic microorganisms, capable of tolerating high environmental stress, and transforming solar energy into biomass. It can be used as food, fertilizer, soil improvement and as a component in the production of energy in a bio refinery.

In the present time, due to the large amount of nutrients in the micro algae, the substances of biological activity prevent sicknesses, rapid growth, and easy adaptation to diverse environments such as the desert or the artic, even in space. NASA has recently considered it as a source of food for future expeditions by astronauts, making this product a dietary supplement capable of satisfying mankind and animals. Therefore, it will prevent deforestation and damage to protected areas destined to large scale production of wheat and transgenic soy, which are mainly destined to livestock. Consuming this product will supply a large amount of nutrients that are necessary for the human body, substituting consumption of meat, which is one of the principal problems of environmental crisis, due to its excessive consumption and exploitation, making the meat industry a model for chain production and that has had a consequence of promoting excessive consumption in all areas of the industry.

The photobioreactor also has a principal function, to improve air quality, specifically when the man burns it, liberating 100,000 tons of CO₂. Because there are not sufficient trees, being a desartic area.

This project will be able to convert carbon dioxide into oxygen and with the advantage of being near Black Rock City and Fly Ranch.

The green pigment produced by the micro algae is denominated chlorophyll which can also be used for human consumption, alkalizing the body, giving oxygen to the blood and increasing its production.

The structure is mainly built with fiber glass held to the ground by a rigid recycled metallic structure. The inside is populated by micro algae and the use of residual waters will be implemented which will be filtered by microorganisms.

The main aim of this project is circular economy, utilizing products that today are considered waste, this way we will extend the useful life of the product, preventing the waste of raw material, water and energy.

The community will have the benefit of biomass that will be implemented in different forms to provide the basic needs of Fly Ranch, as well as Burning Man, having a highly positive environmental impact, promoting a new lifestyle and a healthier diet based on plants, preventing the consumption of meat and animal products which are the main cause of climate crisis.