

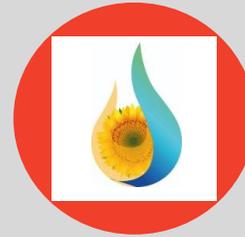
# Le jardin DES ZOMMES

The logo consists of the text 'Le jardin DES ZOMMES' in a sans-serif font. The word 'DES' is smaller and positioned between 'jardin' and 'ZOMMES'. The letter 'Z' is large and outlined. The letter 'O' is replaced by a stylized sunflower with a yellow and orange gradient. The letter 'M' is large and outlined. The letter 'E' is large and outlined. The letter 'S' is large and outlined. A green leaf is positioned behind the 'Z' and 'O'.

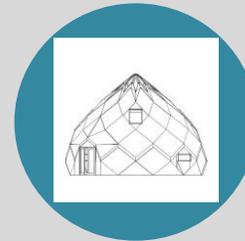
Presentation file

franco-géorgien Project 2021

# Le jardin DES ZONES



**I – INNOVATIVE PROJECT -  
RESEARCH AND DISCOVERY  
CENTER**



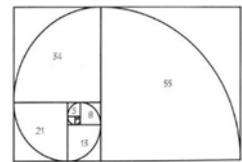
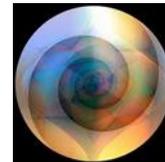
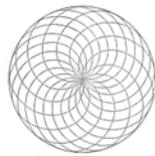
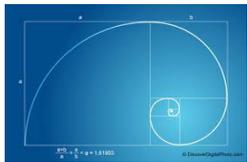
**II – WHAT IS A ZOME?  
THE CONSTRUCTION OF A  
ZOME**



**III - CONCEPT PHILOSOPHY  
BIOGRAPHY OF THE FOUNDERS  
OF THE "JARDIN DES ZONES"**

# I - INNOVATIVE PROJECT - RESEARCH AND DISCOVERY CENTER

- The “Jardin des Zomes” project responds to the idea of living in a different, more ecological and more community-based way, in any case closer to nature (a dream that is increasingly becoming reality in our societies. Western). If the notion of "living differently" is the foundation of the idea of the Jardin des Zomes, sustainable development is also one of its pillars. The Jardin des Zomes project is developed by applying these precepts as closely as possible: autonomous housing, building orientation, renewable heat sources, waste management, choice of materials, eco-participation, participatory work, without being exhaustive ... Innovative, this project reconciles a personal dimension of research on oneself, and the discovery or learning of well-being, with the design of a building called "Zome", whose fluidity and geometric proportions. , Rich in symbols, blends in perfectly with the environment and nature, giving this habitat a resolutely modern character. This achievement is part of the legal structure of a Foundation, the primary purpose of which is aid to humans, so that they find their place in harmony with the elements and nature. This initiative is also an eco-program which should provide Georgia with a new opportunity to develop an eco-tourism project. The Jardin des Zomes is intended to fall into the category of unusual sites in Georgia. The object of the Franco - Georgian Foundation "Jardin des Zomes" will be defined because of the work that we wish to direct towards human aid, in correspondence with the following themes: social and societal (see psycho social risk ), health, well-being, eco-tourism, nature and discovery and culture, sustainable development and the fight against global warming, and finally protection of biodiversity and the environment.



## II - WHAT IS A ZOME ? THE CONSTRUCTION OF A ZOME

**A - A Zome is a geodesic wooden construction,** the architectural structure of which is organized on the basis of a regular polyhedron, with a polygonal base. The Zome represents the alliance between the feminine and the masculine, for a perfect electromagnetic balance. Its structure, made up of diamonds, is the very reflection of this alliance symbolized by the two triangles point up and point down. Its double spiral structure, which we find in all kingdoms whether it is the mineral, plant or animal kingdom, generates a much more dynamic energy than most other forms (see presentation teaser). This construction represents a perfect interface between the outside and the inside of the form, able to harmonically resonate the atmosphere that surrounds it. It acts on our environment and improves our vibratory and therefore immune state. These phenomena can be used with full awareness. The structure, which is exclusively made of wood, will not rest on the ground in order to allow free circulation of air below. It will easily suit its location in the heart of a natural ecosystem, normally with trees, with its clean and fluid shapes.

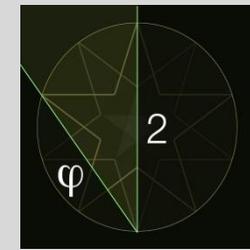
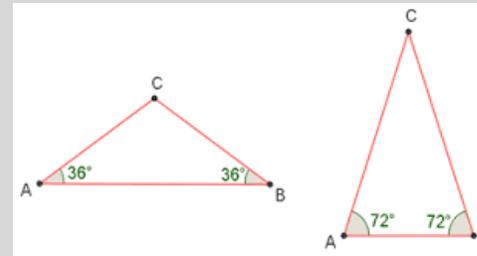
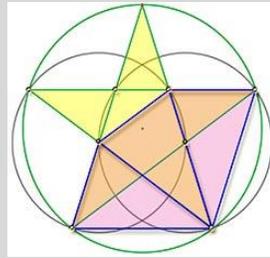
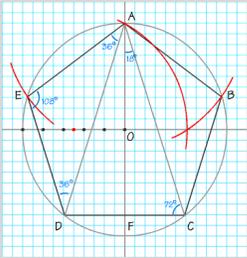


**Zome 15 de Moncaut (France)**

- Géodésique : structure sphérique ou semi-sphérique sous forme de dôme, dont les éléments triangulaires possèdent chacun leur propre rigidité, provoquant la distribution des forces et des tensions sur l'ensemble de la structure, qui est de ce fait autoporteuse, laissant l'intérieur entièrement disponible (pas de piliers).

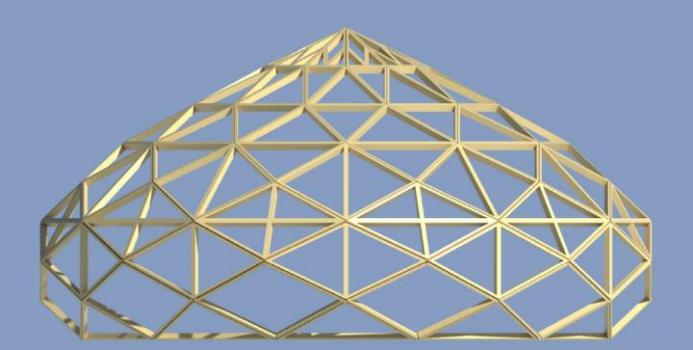
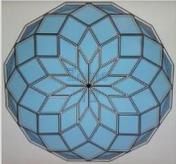
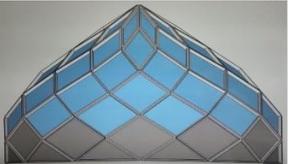
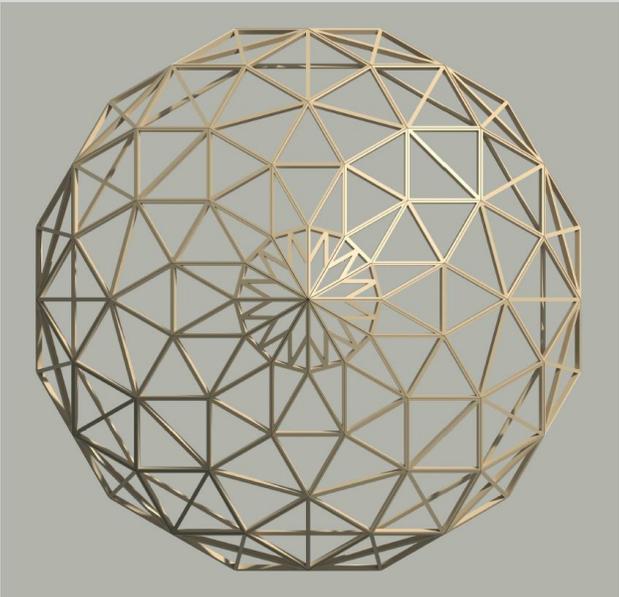
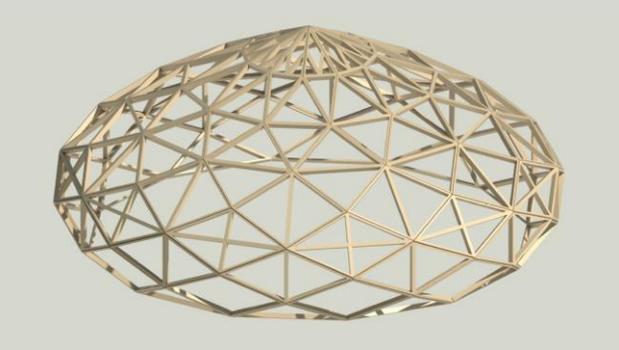
## B - The construction of Zomes:

A zome, as described above, is built according to certain rules, and precise proportions, like cathedrals, Greek temples or pyramids long before. Among the references to remember, two measures are essential, the number Phi (1.618), and what is called the royal cubit (52.36 cm), which have traditionally served as the basis for perfect constructions and which remain preserved, even today. The golden ratio is in the DNA molecule, this is the main explanation for what we are looking for with this link between man and construction. Even beyond, in the universe, the movement of the planets respects the golden ratio, which moreover allowed the Mayas to develop their famous calendar, (which ended, it is said, in 2012).



A seasoned architect who has dedicated his life to erecting this type of structure in France, inspired by what he has seen in the United States and Canada, Mr. Jean Soum, and an expert in design and construction will be called upon. 3D modeling, Mr. Michaël Feneux. On the ground, for the construction, the local workforce will be called upon, but also all people of good will who would like to participate in this project on the model of a "participatory site". The wood will come from the rich forests of the region. The first phase of the work, which should make it possible to erect a type 12 retractable zome, without a side wall (comparable to the Zome de Moncaut see image above) is estimated at 3 months (phase 1). Secondly, we will build three type 8 zomes, satellites linked to the main zome by passages bordered by green walls and decorated with ponds (phase 2). A Georgian carpentry and cabinetry company will carry out the parts and assembly on site, under the supervision of the team of French architects. The choice of land is essential, we favor a location close to forests, mountains, rivers or lakes (contact with the Natural Parks Management Agency under the Georgian Ministry of Agriculture). Georgia has several good locations for the construction of the project. The orientation of the garden is important, ideally with a panoramic view of the Caucasus Mountains.

C - Zomes sketches 12 :



### III - PHILOSOPHIE DU CONCEPT :

Les zomes sont généralement bâtis comme des œuvres architecturales collectives, sur le modèle d'un chantier participatif. L'idée d'éco participation est la base de ce projet, qui doit être réalisé en plusieurs phases, selon les financements disponibles.

Sur le plan architectural, la référence au nombre d'or, donne à ce projet une dimension verticale, au sens des « Oasis de lumière » décrits par Yoan Demmer dans son livre portant le même titre.

Idée de création d'un modèle participatif appelé PPP ou 3P, pour « Partenaire, Participant, Privilégié ». Il s'agira de choisir des partenaires potentiels intéressés pour investir dans la réalisation de ce projet.

Entrent dans la philosophie du projet, une grande variété d'activités proposées selon les saisons, faisant de l'idée d'éco-tourisme un véritable concept. Pour répondre aux bons soins de notre clientèle, comme aux besoins des visiteurs locaux, un accent particulier sera mis sur les domaines artistiques et culturels, favorisant les échanges et la dimension pluriculturelle. Des ateliers, des conférences, des expositions, des échanges linguistiques tenant compte des spécialités non seulement locales, mais nationales, touchant à l'art culinaire, la peinture, le chant, l'histoire du pays avec ses légendes et ses sites classés. Une attention particulière sera portée sur les repas proposés en incluant l'idée d'alimentation originelle.

La Fondation Jardin des Zomes, veillera non seulement au respect de la nature, mais aussi à sa protection, avec l'amélioration et la valorisation de l'espace mis à sa disposition, notamment en plantant des arbres et des végétaux appropriés à cet environnement déjà exceptionnel.



## BIOGRAPHY OF THE DESIGNERS AND FOUNDERS OF THE "JARDIN DES ZOMES" PROJECT:



**Bruno Balduc**

- Born on 03/02/1960 à Paris 6<sup>ème</sup>
- Diplomatic advisor since 2015: Regional internal security attaché at the French Embassy in Georgia.
- Police commander at the Ministry of the Interior.
- President of the 1901 Law "Contreaddiction" association registered in France in 2012, to deal with psychosocial risks.
- Speaker and trainer. Writer, Author of articles in the field of narcotics. Director of corporate films



**Laurent Bismuth**

- Born on 02/01/1968 à Paris 9<sup>ème</sup>
- Administrative and Financial Manager of several SMEs in France,
- Painter of international renown, listed in Drouot / Paris
- Creator of the technique of "Emotional letting go" group workshop for 10 years
- Speaker
- Participation in numerous international painting exhibitions