In the presented I propose an installation that is designed to fit into the environment in a concise and painless way. fit into the environment and, thanks to unique technologies in the field of energy efficiency, increase the comfort level of local residents. energy efficiency to increase the comfort level of local residents. The whole installation harmonizes with the natural forms of the area, and despite the use of materials such as polyvinylene. the use of materials such as polyvinyl chloride (and its possible varieties) and glazing, it easily dissolves into the dense vegetation. These materials will not cause significant environmental damage. At the same time, it creates a slight contrast between the landscaped area and the wilds. In this way Thus, a unique public space is formed, which fulfils a variety of social functions: communication, communication, wild bushes, etc. various social functions: communication, cultural activities, leisure, education and environmental sustainability.

It is obvious that such a rapid growth in the quality of life, which takes into account the basic needs of people It is clear that such a rapid increase in quality of life, which takes into account the basic needs of people and takes measures to protect the environment, will be favorably received by the local population. positive response from the local population. In addition, Fiji's many visitors will be able to appreciate the culture and innovative conservation practices, which will be translated through the architecture on display. At the same time, access to cutting-edge technology will be made available to the entire community, ensuring an inclusive environment inclusivity.

For my project, I have I have relied on sustainable building technologies, including renewable energy sources, including the installation of solar panels to provide clean energy for local residents. local residents with clean energy. A sophisticated system has also been implemented to collect and use of rainwater for domestic and technical needs. In addition, this plant functions as a ‘farm’ on which local crops can be grown crops. Some elements will protect people from the sun's rays, while others will open to the light while others will expose the crops to the light.

These technologies clearly reflect cutting-edge conservation measures and illustrate how man, through his own efforts, how humans can preserve the balance of nature through their own efforts. In total

The 848,880 square meters of solar panels will be capable of generating approximately 764,000 kWh of energy per day and 275,040 kWh per year, which will be sufficient to provide energy for the local population enough to provide energy for the local population. In terms of water resources, rainwater harvesting funnels will be able to collect an average of approximately 360,576 cubic meters per day and 275,040 cubic meters per year. Approximately 360,576 cubic meters of water per year or 1,000 cubic meters per day, which also covers the needs of local residents; Not to mention the highly efficient green farm, which, in communication with the systems presented above, will be able to produce an average yield of 3,000 cubic meters of water per year or 1,000 cubic meters per day. yields, on average, 3 times more than the traditional methods of cultivation methods specific to the area.

Additionally, storage devices are provided: rainwater storage tanks and filtration systems. Filtration systems. Control systems, represented by sensors for water level water level, rainfall sensors and a monitoring system will control the intensity of the tanks. These inputs from the automated installation for rainwater harvesting system will help adapt its operation to changing environmental conditions and efficiently utilize the harvested water for various purposes. and efficiently utilize the collected water for various purposes. In terms of output data, the system will provide reports on the amount of water collected water, tank status, water quality, monitoring of meteorological conditions and user reports. These output data will help the user to evaluate the efficiency of the system, plan the utilization of the of the collected rainwater, ensure the correct functioning of the system and make necessary adjustments to its operation in a timely manner. Make the necessary adjustments to the system in a timely manner. Similar principles and system similar principles and system data have been implemented in solar panel installations and ‘green farms’ for the cultivation of local crops.

After discussing possible changes and refinements based on the jury's comments, our team will make

modifications to the design until agreement is reached and will proceed to build a prototype, which will accurately reflect all the technical and functional properties of the future object. Design documentation will be drawn up, taking into account the peculiarities and norms, local building regulations, as well as careful planning of procurement, logistics and delivery time, logistics and timing. We will liaise with local engineers, contractors and other specialists via internet technology, consulting on design disputes. All of this will allow us to establish an efficient work process.

The maintenance of this installation can involve members of the local community,

as the process of timely cleaning of windows and other plastic surfaces, although labor intensive, should not be too difficult. Specialists may be specialists can be invited for routine diagnostics of control systems and other technical aspects. Possible damage to individual components caused by natural by natural forces or careless operation can be quickly replaced and easily reassembled, specialist advice may be required. For the rest.