



## SMART GREEN ISLAND

INNOVATIVE SMART & GREEN EDUCATION PROJECTS

### PROMOTING DIGITAL AND CLIMATE FRIENDLY FUTURE PROJECTS

The world is going through a massive upheaval. Technological, social and climatic conditions are changing at an increasing rate. Entire industrial sectors such as the automotive industry are changing at a rapid pace. Climate change seems to be accelerating more and more, the hot weather periods with temperatures above 40 degrees Celsius alternate with strong storms. Although there are many discussions, talks and protests, the responsibilities are often only shifted back and forth. That is why we launched the "SMART GREEN ISLAND" project at the end of 2016.

#### Innovation center of the future

Together with motivated minds from diverse disciplines, generations and nations, we would like to develop technologically smart concepts and solutions to show how a (GREEN) life is possible in harmony with nature.

Therefore, our vision is to use the island of Gran Canaria to demonstrate how a closed cycle between energy generation and energy use can be achieved in a smart way, while at the same time preserving existing natural resources.

In addition to the sustainable use of energy, we also focus on all other areas of daily life. How do we shape our future together in a modern and climate-neutral way?



The needs of the countries of the world with regard to a life compatible with the environment, are very variable due to different economic and climatic conditions. In order to act out as many different scenarios as possible in a geographically compact and thus resource efficient way, we chose Gran Canaria.

The island with a radius of about 45 km is a sort of continent of its own due to its unique geographical location with its 14 climate zones. The proximity of Gran Canaria to Africa and the location in the Atlantic mean that solar and wind energy are available in almost unlimited quantities.

This energy could be used to advance digital and climate-friendly future projects and to carry the prototype-like solutions out into the whole world.



### SMART GREEN ISLAND MAKEATHON HISTORY

**We don't talk about Digital Education, we implement it!**







To advance future digital and climate-friendly innovations, we initiated the first SMART GREEN ISLAND MAKEATHON in September 2016 with 40 participants. Only 30 months later, we were able to increase the numbers tenfold and inspire 400 participants for our event.

In 2020 there were over 500 registrations. Thus, the "SMART GREEN ISLAND MAKEATHON" has established itself as a successful, innovative and international model of success.

With each additional "MAKEATHON" the vision of a "SMART GREEN ISLAND" is further promoted so that Gran Canaria can become an exemplary climate-neutral island.

#### KEY FACTS

During our MAKEATHONS the participating Young Talents have always developed new ideas and solutions in the fields such as Smart Home, Smart City, Smart Production, Robotics, AI, IoT, Smart Mobility, Smart Farming, Smart Health and Smart Green Energy.

-  **5 Makeathons**
-  **Over 1000 Participants**
-  **With 30 Nations**
-  **With 150 Universities**
-  **Over 200 Ideas**
-  **250 Prototypes**

### SMART GREEN ISLAND MAKEATHON IMPRESSIONS

