



# THE KEANAISSANCE SMART ISLAND CHALLENGE

VIVA Investment Partners – issues a Call to Action for innovators, investors, entrepreneurs, high-velocity firms and their management teams to join the **Keanaissance Smart Island Challenge** by applying and submitting their details to our website.

The selected participants for the Smart Island Challenge will enjoy global visibility, access to capital, networking with potential partners, integration to the Smart Island Plan for Kea, Greece and exclusive access to Keanaissance Edition 2 - 2nd – 5th of June 2022.

## The Kea Challenges



### ENERGY

The island of Kea connects to electricity from many sources. However, there is only one sizable generator for producing electricity located on the Island and this is in place, primarily, in the event of wider power outages. Critically, this generator uses diesel fuel to generate its output. Kea's total population fluctuates significantly around the holiday seasons. In Summer, or "high" season, the demands on its power infrastructure are such that outages can and do occur. These issues take an economic toll on the Island's reputation and profile as a travel destination.

Investment in single-site generators is insufficient for the emerging needs of the Island. There is a clear and present need to invest in a more sustainable power infrastructure which addresses the needs of visitors, full-time residents, especially entrepreneurs in Kea.



### WATER

Fresh water has been a scarce resource on many of the Cycladic Islands for many years. On Kea, there is an imbalance within the water supply to the Capital. Provided from three natural sources (aquifers), the Municipality treats and provides the water to the local native residences. All other residences, including hotels, have to purchase their water privately.

Fresh water can be obtained from the two municipal desalination units; the water is drinkable and can be purchased on-site. Also, private companies that sell purified drinking water from wells bring it to the consumers using water-tender vehicles.

The Challenge is to address the fresh water supply system by the development of a "whole of island" recycling system.



### WASTE MANAGEMENT

The Kea Municipality utilizes trucking for the transportation of all refuse to the Island's waste treatment facility in Vroskopos. On-site, this waste is incinerated rather than placed in landfill.

The waste treatment facility collects recycling material, sorts it, and sends it to mainland plants for recycling. There is no recycling, upcycling, or waste-to-fuel planning on-site.

In keeping with the Challenges of water and power, waste represents both a problem and an opportunity. Waste recycling, into sustainable outputs such as fuel, is a credible answer which requires planning and investment.



### ROAD AND ROUTE BARRIERS

Many of the most scenic routes along the coasts do not yet have guard rails. There is an opportunity to transform paths which have not yet been paved into scenic, safe "highways" which fit into the natural look of the island.



### CONNECTIVITY

Cosmote Telecom is the only telecommunications provider on Kea. Its coverage is not yet "whole of Island". Furthermore, Cosmote does not enable Satellite Internet. The Challenge is to establish infrastructure on the Island which would allow greater telecommunications coverage and access to the Internet without compromising Kea's flora or fauna.

VIVA Investment Partners – founded by leading private equity and technology entrepreneurs, invites all entrepreneurs, investors and companies that may be the solution for Kea's challenges to the KEANAISSANCE SMART ISLAND CHALLENGE launching at KEANAISSANCE Edition 2 – 2nd – 5th of June 2022 in Kea, Greece.