

## **GIFT**

### **Geographical Islands Flexibility**

#### **824410**



**Programme:**

H2020 Energy

**Topic:**

LC-SC3-ES-4-2018-2020

**Call for proposals:**

H2020-LC-SC3-2018-ES-SCC

**Duration:**

01/01/2019 to 31/12/2022

**Funding scheme:**

IA

**Total cost:**

€12,151,535

**EU contribution:**

€9,555,708

**Coordinator:**

INEA INFORMATIZACIJA ENERGETIKA  
AVTOMATIZACIJA DOO

**Project description on CORDIS:**

<https://cordis.europa.eu/project/rcn/219213/factsheet/en>

GIFT is developing solutions to decarbonise the energy mix of European islands. European countries, including their mainland and islands must comply with the European and international agreements.

To provide solution for islands, GIFT develops innovative systems to allow islands to integrate vast amount of renewables. The solutions are implemented on the islands Hinnøya in Norway's and Procida in Italy. After successful realisation, other islands in Greece and Italy are planned to follow.

Innovative solutions of the GIFT project include energy management systems for harbours, factories and homes as well as prediction tools for energy supply and demand. Thereby the increased share of renewable energy by at least 10 % shall allow for a 15 % decrease of conventional diesel generators while providing energy supply security.

To further foster the sustainable energy transition, the GIFT project builds a replication board with 1640 European islands. Therewith, these islands are able to study replication for their territories. Thanks to this, a strong market uptake for the wide dissemination of sustainable energy generation and consumption on islands is reached.

