

PROJECT CONSORTIUM



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IANOS

SUSTAINABLE SOLUTIONS
for islands' decarbonisation

OUR
DREAM ISLAND
IS 100%
DECARBONISED,
AND YOURS?



INTEGRATED
SOLUTIONS FOR
DECARBONISATION
AND SMARTIFICATION
OF ISLANDS.



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IANOS

IANOS PROJECT PILLARS

IANOS demonstrates a rich portfolio of solutions towards full decarbonisation of EU islands, increasing the share of renewable energy sources in the energy mix and exploiting the resources of islands, including geothermal, wind, tidal and solar energy.

THEREFORE, THE MAIN PROJECT PILLARS ARE:

1. a strong decarbonisation strategy
2. virtual power plant based on artificial intelligence
3. innovative tools and technologies promoting greener investments
4. people as active players in the energy systems in the form of
Local Energy Communities

THE ISLANDS

IANOS selected the islands of Ameland (Netherlands) and Terceira (Portugal) to serve as “pilot islands” and three “fellow islands” – Lampedusa (Italy), Bora Bora (French Polynesia), and Nisyros (Greece) – to validate the replicability potential of the results of the pilot islands.

BENEFITS FOR THE EU COMMUNITY

IANOS provides the following main benefits for the EU community:

1. IANOS technological solutions (both hardware and software) will be scalable and replicable
2. IANOS will develop and test innovative business models while taking into account the principles of circular economy. That means rethinking and redesigning urban development in order to minimise waste streams, promote maximum re-use and recycling and develop novel synergies among businesses to reduce usage of raw materials.
3. IANOS solutions and its business models will enable groups of citizens, social entrepreneurs, public authorities and community organisations to participate directly in the energy transition by jointly investing in, producing, storing and selling energy.

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