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electricity grid, short-term and strategic energy planning, cost of energy and electricity, load seasonality (i.e., touristic season), energy prices, economic and labor market data and demographic information.

MAESHA will demonstrate the solutions on the French overseas island of Mayotte and study replicability potential on 5 follower islands representing more than 1.2 million inhabitants spread in geographical Europe and overseas territories.

On Mayotte, the energy supply is transformed into a flexible system based on renewable resources, while the local population develops awareness and knowledge about energy and climate change.

Mayotte, November 20th - MAESHA H2020 project, lasting 48 months and with a budget of 11.8 million euros, will demonstrate smart and flexible solutions for a decarbonized energy future in ...

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Looking ahead, MAESHA aims to establish ten local energy communities in Mayotte, creating a ripple effect of sustainable practices. Some of these communities are already operational and contributing significantly to the ...

4 ???· Grid related patenting has grown seven fold over the last 20 years with the largest growth in the period 2009-2013, a new study from the European Patents Office and IEA has ...

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Looking ahead, MAESHA aims to establish ten local energy communities in Mayotte, creating a ripple effect of sustainable practices. Some of these communities are already operational and contributing significantly to the island's clean energy transition.

Regulations and suitable pathways to involve the local population in providing grid flexibility via residential demand response were explored. A harmonized framework for business model analysis was developed and is

SOLAR PRO. Mayotte grid power solutions

currently applied to the solutions.

Mayotte is no doubt the French overseas territory facing the most challenging energy transition. It has the highest cost of electric power generation, at nearly EUR350/MWh in 2021, and the most carbon-intensive production, with fossil fuels accounting for over 95%.

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