MARIE-GALANTE (France)

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Towards Energy Self-sufficiency

COUNTRY: FRANCE (Guadeloupe)
INHABITANTS: 10 867 (2016)
TOURISTS: 100 000 (2011)
Energy Self-sufficiency
Electricity 100 % renewable from wind energy and photovoltaics

INITIATIVE/ ACTIVITY:

- Smart grid and virtual power plant
- Electric production and storage system

PARTNERS / GOVERNANCE:

- SAS Marie-Galante ENR
  - CNR (private, 80 % of shares)
  - CCMG (public, 20 % of shares)
PROJECT / OUTPUTS

MAJOR RESULTS:

• Effective implementation is ongoing
• Strong partnership between private and public sector
• Development of new projects connected to electric production: greenhouse complex to grow vegetables below photovoltaic panels

CHALLENGES:

• Fight against other projects threatening energy self-sufficiency (production of electricity from long distance imported biomass)
• Need to preserve the sugar-cane sector
- NEGATIVE -

• Private and public interests are, by definition, different: a strong political will is necessary, as well as a good technical and legal assistance, to overcome all obstacles

+ POSITIVE +

• A local authority can become an active stakeholder in the development of green electricity production and draw benefits from it