



Project Fact Sheet

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Reinforcing investments in biogas technologies for small-scale RES applications in islands (BIORES)

Programme area:	Small-scale biogas applications in islands
Status:	Ongoing
Coordinator:	Energy Environment Local Development Ltd (EPTA Ltd) 15, Olofytou Str. E-mail: info@epta.gr Tel: +30 210 2224208
Partners:	University of Patras, Greece Western Isles Council, UK Multiss - Punto Energia Provincia di Sassari, Italy Samsø Energi- og Miljøkontor, Denmark Instituto Nacional De Engenharia Tecnologia e Inovação I. P, Portugal Local Agency for Energy and Environment, Italy Business Systems International SA, Greece Association of Local Authorities of West Samos, Greece
Website:	www.biores.eu
Objective:	Promotion of investments in energy production from biogas derived from municipal waste in European islands
Benefits:	Increase of energy independency and promotion of sustainable waste management practices in European islands
Keywords:	Biogas, islands, small-scale
Duration:	11/2007 – 04/2010
Budget:	€ 1.191.471 (EU contribution: 50%)
Contract number:	EIE/07/045/SI2.466790

Short description

BIORES aims to promote technologies for energy production from biogas derived from municipal waste in European islands. The two main objectives of the project are to (i) overcome non-technical (administrative, regulatory, market) barriers and financing obstacles that hinder investments on energy production from biogas derived from waste and (ii) develop decision support tools for the assessment of the techno-economic perspectives and feasibility of such investments. The project focuses on 6 European islands, namely Samos (Greece), Samsø (Denmark), Sardinia and Tremiti islands (Italy), Porto Santo (Portugal) and one additional island from the ISLENET network.

The project addresses two important issues faced in islands: Energy dependency from the mainland and waste management. BIORES will promote small-scale decentralised energy production from renewable energy sources. It will also link it with the energy end-use needs of the island communities. In addition, it will promote sustainable waste management and as a result, the volume of the waste disposed is expected to decrease.

Expected and/or achieved results

- Action plans for overcoming non-technical barriers hindering the promotion of energy production from biogas derived from municipal waste
- On-line decision support system for local and national authorities and investors, which will assess the techno-economic perspectives and feasibility of such investments and identify the technologies that are appropriate to be applied in each region

- Guidelines for developing an action plan for overcoming non-technical barriers
- Raising of awareness at local level by presenting the environmental, socio-economic and market benefits of the exploitation of biogas in islands so that energy production from biogas is supported by local communities
- Increase of decentralised energy production, increase of the green electricity's share in the market and decrease of energy dependency of islands from fossil fuels and from the mainland.

Lessons learnt

This project has just started. It is therefore too early to draw lessons.