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- **QUESTIONNAIRE** on the research/innovation programme of European Union Member States
- **First stage (2004): Member States on the 1st January 2004**
- **Objective: Identification of complementarities and barriers for collaboration**

- **Member State**

Member State
Greece

- **Generalities about the General Framework Programme / Agency responsible for initiating, steering and financing Multiproject programmes¹:**

Complete name
3rd Community Operational Framework Programme "Competitiveness"
Short name
EPAN (ΕΠΑΝ)
Web page address – in national language
http://www.antagonistikotita.gr/
Web page address – in English
http://www.antagonistikotita.gr/
Duration of the Programme
2000-2006
Global objective of the programme
The Global objective of the programme is to improve the "Competitiveness" of the Greek enterprises and economy using resources from the 3rd Community Operational Framework Programme.
Structure / Organisation / Core activities (priority areas etc.)
The special secretariat for competitiveness is in charge of this programme. This secretariat is one of the secretariats of the Ministry of Development It consists of four Units <ul style="list-style-type: none"> • Programming-evaluation unit This unit creates and publishes the criteria for participation in the programme, and evaluate the proposals <ul style="list-style-type: none"> • Administrative and monitoring of the projects of the programme This unit is in charge of monitoring the progress of the project within the programme. Sectors of this unit

¹ In case there is not a General Framework Programme but an Agency responsible for initiating, steering and financing Multiproject programmes

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exist in each prefecture of Greece.

- Control

Controls the actions for their validity according to EU and national laws

- Administrative and organisation unit

This unit helps in any technical mater of the secretariat

Core Activities

The core activities of this programme are:

- Support of encouragement of business initiatives
- Research and Technology
- Tourism Sector
- Energy and Natural Resources
- Human Resources

▪ **Sections / Programmes related to Distributed Generation, DER and Renewable Energy**

Name of the area
3rd Community Operational Framework Programme "Competitiveness" /Measures 2.1, 6.3 of Axes 2 and 6 respectively
Web page address – in national language
http://www.antonistikotita.gr/docs/axes_6%20&%207.doc -Axes 6 http://www.antonistikotita.gr/docs/axe_2.doc -Actions 2.1
Web page address – in English
www.antonistikotita.gr
Objectives of the section
Measure 2.1 Aid for investment in co-production, renewable energysources (RESs) and energy saving systems
The objectives are :
<ul style="list-style-type: none"> • Diversification of energy sources and reduce dependence on imported energy sources • Decrease of operating cost in industrial and public services sector. • Environmental protection via the reduction of fuel consumption in order to comply with the Kyoto Commitment protocol. • Support of local development via RES installation. Increase of local employment at the RES installation sites

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Measure 6.3: Special energy infrastructures for islands and for the promotion of renewable energy sources (RESS)

This measure aims at the improvement of quality and reliability of electricity supply at the island regions covering their energy needs with innovative solutions joint with their other needs such as water. Moreover, it aims in the promotion of RES investments in regions where despite of their high potential, the existing system of transport requires aid or/and the network of distribution requires reinforcement or extension. Therefore this actions aims to

- Meet the very rapidly increasing demand of electric energy and in the islands and solve problems of fluctuations of voltage and frequency.
- Help in the RES installation on the islands, aiming at the decentralized electricity production stimulating local economy
- Network expansion so that RES at regions with high wind potential can be installed.

Research Priorities

Measure 2.1

- Information, support and promotion of CHP, RES and RUE measures.
- Expansion of infrastructure in CHP, RES and RUE
- Financial incentives for private investments in RES
- Investment in RUE from Public sector, like Schools, Hospitals etc . These investments may consist
 - of replacement of conventional fuels infrastructure with Natural gas,
 - Energy efficiency measures,
 - RES and CHP installations,
 - PV installation on public buildings of Greek islands.

Measure 6.3

- Interconnection of island systems either with High or with Medium voltage sub sea cables in order to increase Wind power installation and reduce diesel oil consumption
- Novel solutions of energy supply of islands facing at the same time water supply needs or/and waste water treatment
- Emphasis on applications of geothermal energy and co-generation.
- Reinforcement of distribution systems on islands so that RES and co-generation facilities can be built
- Reinforcement of the Hellenic Transmission system so that RES projects can be installed within a specified time schedule.

Budget

1072 M€ for Action 2.1 and 274.36 M€ for Action 6.3 funded by Greek Government, private sector and EC

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▪ **Administrative and financial issues**

Institution responsible for the Programme
Ministry of Development
Web page address – in national language
www.ypan.gr
Web page address – in English
www.ypan.gr
Institution responsible for the Management of the Programme
SPECIAL SECRETARIAT FOR COMPETITIVENESS
Contact Person
infoepan@mou.gr , N. Spyropoulos,D. Kanellopoulos,S.Aggelidi
Web page address – in national language
www.antonistikotita.gr
Web page address – in English
www.antonistikotita.gr
Cost models and type of participants
<p>Cost Models for Measure 2.1</p> <ul style="list-style-type: none"> • Financing of installation of RES <ul style="list-style-type: none"> ○ Wind Energy 30% of the budget ○ PV greater than 40% of the budget ○ Geothermal greater than 50% of the budget ○ Biomass energy greater than 50% of the budget • Financing of Energy saving programmes greater than 40% of the budget depending on the region • Financing of CHP greater than 35% of the budget depending on the region <p>Typical values for cost models for Axis 6</p> <ul style="list-style-type: none"> • Total cost: 1,139.05 M EUR • Public expenditure: 661.55 M EUR • Community participation 330.77 M EUR • ERDF: 330.77 M EUR • ESF: • National public participation: 330.77 M EUR • Private participation 477.49 M EUR:

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Type of participants

- **Small Medium Enterprises**
- **Enterprises of the private energy sectors such as companies owning wind parks or factories capable of CHP production**
- **Bodies such as CRES , PPC and PGP,RAE etc**
- **Universities and other research bodies**

Call

The Call for Tender for these actions was open until 30.04.2004

▪ Type of financed projects / Programme implementation instruments

Installation of RES

Installation of Wind or Solar parks, exploitation of Geothermal energy and exploitation of Biomass for thermal or electricity production.

Energy Saving Projects

Projects that reduce the losses in the industrial process or use part of the rejected energy

CHP projects

Update of the existing thermal production infrastructure to produce electricity and vice versa.

Installation of CHP units

▪ Cooperation with other Member States and Regions and third countries

The Greek Secretariat for Research and Technology programmes research projects with other EU countries or third countries in the contexts of bi-national research co-operation.

▪ Other interesting Programmes

Research programmed by Greek Secretariat for Research and Technology from Research Institutions e.g Universities in Greece.(ΠΕΝΕΔ)



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▪ **Other interesting links**

www.ypan.gr (Greek Ministry of Development)

www.cres.gr (Centre for Renewable Energy Sources)

www.ank.gr (Regional administrative of Competitiveness programme in Crete)

<http://www.gsrt.gr/> (Greek Secretariat for Research and Technology)