

New working structures and upcoming plans in Hellas

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HELLENIC NATIONAL
METEOROLOGICAL
SERVICE
ΕΘΝΙΚΗ ΜΕΤΕΩΡΟΛΟΓΙΚΗ ΥΠΗΡΕΣΙΑ

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Products funded by third Community Support Framework

- Enhance the network of automatic stations
- Upgrade of 4 meteorological radars
 - 2 s-band in Thessalonica and Larissa
 - 2 c-band in Athens (Hymmitos and Adravidia)

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Products to be funded by the **National
Strategic Reference Framework (NSRF)**

- ➔ 1. Infrastructure for Climate Change Studies for Energy Applications and Environmental Protection
- ➔ 2. Mobile Meteorological Support System
- ➔ 3. Qualitative & Quantitative Representation, Digital Processing and e-archiving of Weather Observations and Forecasts for the benefit of citizens
- ➔ 4. Hellenic Climate Atlas

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Infrastructure for Climate Change Studies for Energy Applications
and Environmental Protection

Subproducts

1. Upgrade of the National meteorological stations' Network

- Automatic stations in new locations to measure special environmental parameters
- Mobile automatic met stations
- Automatic met stations for ships
- New upper air stations

2. Advanced meteorological database

- Data monitoring and management

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Mobile Meteorological Support System

- Automatic meteorological station
- Wind profiler
- Duplex mobile telecommunication
- A mobile c-band Doppler radar
- A mobile system for convective atmosphere measurements
- mobile system data receiver from met satellites

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Qualitative and Quantitative Representation, Digital Possessing and Electronic Disposition of Weather Observations and Forecasts for the Benefit of Citizens

- Hymmitos Met radar: changed into mobile and double polarity and relocation to Skyros
- Antenna replacement of 3 upgraded radars (Larissa, Andravida and Thessalonica) in double polarity of the pillar base and radome protection
- Supply of 2 visibility sensors and instruments to measure the clouds base
- Data monitoring and management

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Hellenic Climate Atlas

- Data 1961-1990
- Data 1971-2000
- available in digital and in print format

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- Planning for an e-shop to sell data and services for the public and private sector
- upgrade the web site, support for disabled people

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ISO 9001-2008

- Design and implementation of a quality management system ISO 9001-2008 for meteorological support of aviation
 - a consulting company was hired on April 2008
 - Quality management system will be fully implemented and accredited by the end of 2010

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- There is a plan to issue daily forecasts for the 16 meteoalarm regions.
- To improve the extreme weather forecasts according to meteoalarm criteria

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Thanks!!