

# Large Scale Demonstrator in Athens

## Lessons and Outcomes

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*This initiative is financed under the CIP Programme which aims to encourage the competitiveness of European enterprises.*

## What is a Large Scale Demonstrators?

- I. Real Live Testing
- II. New approach for stimulating innovation
- III. A **tool** to better link all public and private actors, notably industry, knowledge-based service providers, research institutions, regulators and users/citizens to share knowledge, contribute practical experience and articulate their needs and competences.
- IV. Offers **incentives** for successfully developing, testing and implementing new approaches in addressing specific challenges and problems.



## Large Scale Demonstrator in Athens

- I. A European Mobile & Mobility Industries Alliance project
- II. Started on May 2012 and ends on April 2015
- III. Focuses in the region of Attica
- IV. Partners:



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## Project Objective

The project aims at implementing on a large scale and in a real life test bed innovative services, based on COPERNICUS (former GMES) and GNSS (The Global Navigation Satellite System) that will address specific challenges and facilitate the emergence of new industries in the region of Attica, through tangible and scalable results.



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## Activities that took place so far

- Analysis of the framework conditions for mobile services based on GMES and GNSS, producing a good practice report.
- Identification of the available services based on COPERNICUS/GNSS through an open competition of ideas, in order to select the ones that will take part in the demonstration.
- Further development and test in a real-life test bed of the applications which are hosted in Okeanos platform.



## Which services have been evaluated as Best practices?

- “Best Practice” is a service which has already been tested (or has the potential to be tested) in a real-life environment and addresses societal challenges.
- Aim to acquire knowledge about what works in specific situations and contexts.



## Identification of the available services based on COPERNICUS/GNSS

October 2013

Open call for innovative ideas

November 2013

Active support with data offering and host to Okeanos platform

December 2013

Initial review/mentoring from Experts to the developed applications

December 2013  
– April 2014

Improvements based on the feedback that the companies received

11 April 2014

Final assessment of the applications by an Expert Committee

April 2014 - now

6 out of 7 companies continue their participation to the project



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## The Selected Participant Companies



**TELENAVIS**



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## The TOP 5 selected applications

Award of 5.000 € to each of the Top 5 companies

1. **sbCliMate® (SBOING)** 
2. **WFM – WorkForce Manager (Telenavis) TELENAVIS**
3. **Rel8 (Cytech)** 
4. **vidAIR (vid(avo) Asthma Intelligent Recovery)) (VIDAVO)** 
5. **Estate4Real (Mobics)** 



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SATELLITE NAVIGATION  
**COMPETITION 2014**



GMES IN ATHENS

## Regional Organizers of the European Satellite Navigation Competition – ESNC 2014

1. Open Competition
2. Deadline was on the 7<sup>th</sup> of July 2014
3. 18 completed proposals submitted
4. Participate in the frame of the LDA project
5. Supported by:



**Greek Research and  
Technology Network**  
(coordinator of the LDA)



**Hellenic Association  
of Mobile Application  
Companies**



**National  
Cadastre &  
Mapping  
Agency S.A.**



**National  
Observatory  
of Athens**



**“Technopolis” City of  
Athens**



**Hellenic Association of Space Industry**



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## Regional Organizers of the European Satellite Navigation Competition 2014

**“YOOR : Exchanging Experiences” Greek regional award**

*Ranked 6<sup>th</sup> among 438 applications from 26 countries (regions)*



**[www.yoor.eu](http://www.yoor.eu)**

**The application provides real-time comprehensive information for maritime tourists and expands on the shared experiences of the community of coastal tourists.**



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## Organization of the **COPERNICUS MASTERS COMPETITION 2015**

Regional Organizers of the COPERNICUS MASTERS Competition  
2015 in the frame of the LDA project

## Participation to the **COPERNICUS MASTERS COMPETITION 2014**

1. **FireHub: 1<sup>st</sup>** in “Best Service Challenge”
2. **Seagrass in HD: 1<sup>st</sup>** in “DLR Energy & Environmental Challenge”
3. **sbCliMate: 4<sup>th</sup>** in “T-Systems Big Data Challenge”



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## Project Outcomes (1/3)

### 1. Enhancement of the collaboration between



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## Project Outcomes (2/3)

1. Access to Data for the creation of new Mobile applications
2. Enhancement of the networking between the participant companies and Partners
3. Enhancement of the Space Data industry
4. Strong support to the companies with attempts for personalized data, based on their needs



## Project Outcomes (3/3)

1. Six applications with more than 4.000 downloads so far.
2. **sbCliMate** ranked 4<sup>th</sup> in “T-Systems Big Data Challenge” of COPERNICUS MASTERS COMPETITION 2014
3. “**YOOR : Exchanging Experiences**” Greek regional award for the regional organization of the European Satellite Navigation Competition – ESNC 2014

***Ranked 6<sup>th</sup> among 26 countries and 438 applications***



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## Lessons learned – Positive

1. Critical role of people of the market (e.g. Venture capitalists, Entrepreneurs etc.) in Expert Committees
2. High Interest for collaboration with public institutes and knowledge transfer
3. High potential of local applications to get global recognition





## Lessons learned – Negative

1. Keep companies interest vivid
2. Lack of Data (limited range or specialization)



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## Our recommendation for Mobility challenges

**Formulate and run a Large Scale Demonstrator!!!**

### Why???

- 1. Local companies offer and test their solutions**
- 2. Enhance the local industry**
- 3. Enhance the collaboration between research institutes and companies**
- 4. Test and develop solutions for specific problems**
- 5. Give companies the chance to be truly GLOBAL!**



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**More information**

**[www.ldathens.eu](http://www.ldathens.eu)**



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**Thank you!!!**

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