



Large Scale Demonstrator in Athens

Lessons and Outcomes

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What is a Large Scale Demonstrator?

- 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

The project aims at implementing on a large scale and in a real life test bed innovative services, based on COPERNICUS and Galileo, that will address specific challenges and facilitate the emergence of new industries in the region of Attica, through tangible and scalable results.



Large Scale Demonstrator in Athens

- I. A European Mobile & Mobility Industries Alliance project
- II. Started on May 2013 and ends on October 2015
- III. Focuses in the region of Attica
- IV. Partners:





The LDA Consortium



**Infrastructure
(Okeanos Platform)**



Space Data



Geo Data



Industry



**Evaluation
& Network**



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

Activities that took place so far

- Analysis of the framework conditions for mobile services based on COPERNICUS and Galileo, producing a best practice report.



Activities that took place so far

- Identification of the available services based on COPERNICUS/Galileo through an open competition of ideas, in order to select the ones that will take part in the demonstration.



Activities that took place so far

- 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



Identification of the available services based on COPERNICUS/GNSS

December 2013
– April 2014

Improvements based on the feedback
that the companies received

April 2014

Assessment of the applications by an
Expert Committee

April 2014 -
now

Selected companies continue their
participation to the project





The Selected Participant Companies



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The TOP 6 selected applications

Award of 5.000 € to each one of the winners

➤ **sbClimate®**



➤ **vidAIR**



➤ **RealTraffic**



➤ **WFM**



➤ **Rel8**

Rel8

➤ **Estate4Real**



Project Outcomes (1/2)

1. Enhancement of the collaboration between the partners of the project
2. Access to Data for the creation of new Mobile apps
3. Enhancement of the networking between the participant companies and Partners



Project Outcomes (2/2)

4. Enhancement of the Space Data industry
5. Strong support to the companies with attempts for personalized data, based on their needs
6. Six applications with more than **4.000** downloads so far.



Lessons learned (1/2)

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 (2/2)

4. Keep companies interest vivid
5. Lack of Data (limited range or specialization)



The Greek Mirror Site

1. ESA's Data Hub System (DHuS) allows access to Sentinel data
2. NOA - LDA partner and ESA's Collaborative Partner – has the computational infrastructure for downloading and storing space data
3. The Greek Mirror site serves the transnational needs and cooperation for the Balkans and Mediterranean countries.





Copernicus Masters

- ❖ An international competition that awards prizes to innovative solutions for business and society based on Earth observation data.
- ❖ The competition consists of a set of independent challenges, each of which focuses on a specific topic.
- ❖ Each challenge, sponsored by an independent agency, has a special prize.
- ❖ Out of all winners of independent challenges, one will be selected as the overall winner.



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Copernicus Masters 2015 - The “Greek Challenge”

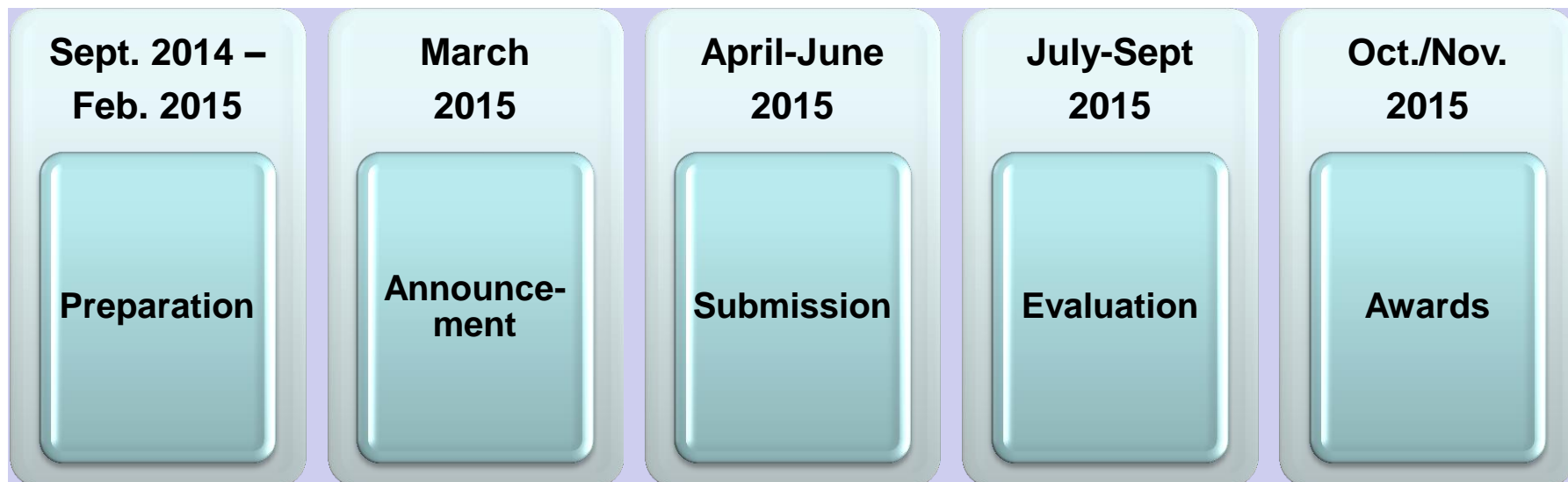
- ❖ Within the scope of the LDA project, there will be a “Greek Challenge” for Copernicus Masters 2015, sponsored by the Hellenic National Cadastre and Mapping Agency S.A (LDA partner)
- ❖ Main focus: management and visualization issues of spatio-temporal data on mobile devices
- ❖ The exact theme of the “challenge” will be specified and announced within this month (March 2015)



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Copernicus Masters 2015 - The “Greek Challenge”

Timetable



Copernicus Masters 2015 - The “Greek Challenge”

- ❖ Prize for the LDA sponsored “Greek challenge” winner = 5.000 € in cash
- ❖ Sample data from the Athens Metropolitan for the idea / app demonstration
- ❖ Coaching and support to compete for the overall prize of the Copernicus Masters 2015 competition
- ❖ Travel and accommodation to attend the Copernicus Masters 2015 Awards Ceremony



Our recommendation for Mobility challenges

Formulate and run a Large Scale

Demonstrator!!!



Why?

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





More information

www.ldatathens.eu



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Join us in our workshop!!



14:30-16:30

Room: Diplomat
(left to the elevators)



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Thank you for your attention!!!

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