



# Good news from the meteorology applied to maritime navigation

## INVITATION

### WORKSHOP for End Users

*An event targeted for the users community to present and discuss the results of the project and their exploitation opportunities*

You are kindly invited to participate in the workshop organized by Vitrociset Belgium in the wonderful scenario of the Elba Island in Cavo to discuss the results of the project.

**May 22<sup>nd</sup> 2014, UTOPIA Nautical Centre, Cavo – Elba Island (Italy)**

COSMEMOS is a project tailored to the maritime navigation needs.

It is aimed at improving safety and saving fuel implementing services based on precise weather forecasting. Moreover COSMEMOS has developed new sensors using GNSS signal in an innovative way.

#### The aim of this workshop

The workshop organized by Vitrociset Belgium is aimed at presenting and discussing the outcomes of the projects to a qualified public of professionals, working in a wide range of maritime activities, who can get advantage adopting the services outlined and tested in COSMEMOS.

Discussions will be focused on the needs of the end users, on the navigation tools and the services and finally on how the services designed in Cosmemos can give help to the maritime navigation both for improving safety and for the costs reduction.

**Streaming session at** <http://live.mainstreaming.eu/account/5190/event/pYHtIMW>

We organized the workshop in a wonderful site surrounded by the landscapes and the scents of the Elba Island. Anyway, you can participate in this workshop from your own office thanks a **streaming connection** from 10:00 to 13:00 and from 14:00 to 15:40. You are kindly invited to send your questions by Twitter @cosmemos or by mail to [f.riva@vitrocisetbelgium.com](mailto:f.riva@vitrocisetbelgium.com)

#### Contacts

Fabio Riva – Vitrociset Belgium dissemination responsible  
[f.riva@vitrocisetbelgium.com](mailto:f.riva@vitrocisetbelgium.com) mobile +39 348 8084 983

*COSMEMOS is a two year R&D project, started in March, 1st 2012, co-funded by the European Commission, 7th Framework Programme, managed by the European GNSS Agency (GSA) carried out by an international group of partners lead by Vitrociset Belgium*



Institute for Geodesy and Navigation - München





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### AGENDA

Welcome coffee in the colours and the scents of Elba Island		9:40	10:00	STREAMING SESSION
Overall of the project COSMEMOS	Vitrociset Belgium	10:00	10:20	
The professional and yachting applications (video)	Vitrociset Belgium	10:20	10:40	
Weather routing algorithms - assessment of fuel saving	LaMMA	10:40	11:00	
<i>Coffee break, walking under the holm oaks.</i>		11:00	11:20	
GNSS- Reflectometry : How measure waves using the GNSS signal	Starlab living science	11:20	11:40	
GNSS – Meteo : How to get vertical profiles of meteo data using the GNSS signal	LaMMA/Universit�t-M�nchen	11.40	12,00	
Meteo data gathering and assimilation	LaMMA	12:00	12:30	
Questions & answers		12:30	13:00	
<i>Lunch - by UTOPIA Nautical Centre &amp; Sailing School</i>		13:00	14:00	STREAM
Demo of the Cosmemos yachting application	Vitrociset Belgium	14:00	15:00	
Horizon 2020 presentation	GSA	15:00	15:20	
Conclusion	Vitrociset Belgium	15:20	15:40	

**STREAMING:** <http://live.mainstreaming.eu/account/5190/event/pYHtlMW>

### Contacts & info

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