

## GMES event of the TOWARDS eENVIRONMENT conference in Prague



The European conference **TOWARDS eENVIRONMENT 2009** is dedicated to information exchange among scientists, public administrations, environmental agencies and institutions involved in environmental information processing as well as environmental informatics end-users. Conference will be held in March **25 - 27, 2009**, hotel [CORINTHIA TOWERS](http://www.corinthia.com)

Prague, Czech Republic.

For general info on the whole conference, registration and accommodation please go to <http://www.e-envi2009.org/>.

The conference programme consists of four sessions. **GMES event – session 4 (S4)** will bring together representatives of institutions with end users especially from new member states. There will be discussed current state of art of the GMES programme, actual development and future potential. Concentrated effort will be put on presentation of practical examples of services for the benefit of users from the region especially in **atmosphere** and **land GMES** services.

### Wednesday March 25<sup>th</sup>

- plenary session starts at 9.00 incl. speech by Valere Moutarlier (EC) and Volker Liebig (ESA)

### 14:00 - 14.15: Opening ceremony of the GMES event (S4)

(Jan Dusík – deputy environmental minister)

Part 1 – GMES state of art (chairman Valere Moutarlier)		
<b>14.15 – 14.45</b>	<b>GMES general overview</b>	Valere Moutarlier (GMES bureau, DG ENTERPRISE)
<b>14:45 – 15:10</b>	<b>Space component of GMES</b>	Josef Aschbacher (ESA GMES Space Office)
<b>15:10 – 15:35</b>	<b>GMES in situ component</b>	Robert Lowson (EEA)
<b>15:35 – 16:00</b>	<b>GMES in 3 EU Presidencies</b>	Alain Podaire, Jan Kolář (CSO)

Coffe break 16.00 – 16.30

<b>Part 2 – GMES pre-operational services</b> (chairman Josef Aschbacher)		
16.30 – 16.50	GEOLAND 2	Alexander Kaptein (Astrium GmbH)
16:50 – 17:10	MACC	Eleni Paliouras (DLR)
17:10 – 17:30	SAFER	(Gil Denis, David Hello)
17:30 – 17:50	MYOCEAN	Pierre Bahurel (MERCATOR OCEAN)
17.50 – 18.10	G-MOSAIC	(tbc)

19:00 – 21:00: welcome Party

Thursday March 26<sup>th</sup>

<b>Part 3 – Atmosphere, climate and GMES</b> (Chairman Arno Kaschl)		
9.00 – 9.20	GMES atmosphere Core Service	Philippe Waldteufel (CNRS)
9:20 – 9:40	EUMETSAT contribution to GMES	Johannes Schmetz (EUMETSAT)
9:40 – 10:00	EUMETNET and GMES	Adrian Broad (Met Office UK)
10:00 – 10:30	GMES potential in air pollution monitoring and GMES climate change contribution	GMES bureau

10:30 – 11:00: Coffe break

11.00 – 11.20	Air pollution in Europe/Czech Republic - history/future outlook	Jan Fiala(CHMI)
11:20 – 11:40	Czech approach towards climate change	Radim Tolasz (CHMI)

11:40 – 12:00	Satellite-based monitoring and forecasting of particulate matter over Europe	Thilo Erbertseder (DLR)
12:00 – 12:20	PROMOTE: AURORA for Prague	Filip Lefebre (Center for Integrated Environmental Studies)
12:20 – 12:40	AirTEXT	Christine Mchugh (Cambridge Environmental Research Consultants Ltd)
12:40 – 13:00	<a href="http://www.airqualitynow.eu">www.airqualitynow.eu</a> - air quality across Europe	Karine Leger

13:00 – 14:00 lunch

<b>Part 4 – GMES Land User Workshop</b> (chairs - Josiane Masson and Andreas Littkopf)		
<i>Welcome and Introductory speeches</i>		
14.00 – 14.15	The ESA strategy - closer cooperation between industry and users ( <i>working title</i> )	Frank Martin Seifert (ESA)
14.15 – 14.30	Summary of the GSE Land users' view	Andreas Littkopf (ETCLUSI)
<i>End user experiences in GSE's projects</i>		
14.30 – 14.45	GMES spatial planning services in support of German Federal State Lower Saxony ( <i>working title</i> )	Anja Steininger (Federal State of Lower Saxonia)
14.45 – 15.00	GMES Urban Service, as a contribution to regional soil protection for the Region of Freiberg-Chemnitz"	Bernd Siemer (Landesamt für Umwelt und Geologie Sachsen)
15.00 – 15.15	End user experiences in using phenological time series in water quality modelling	Katri Rankinen (Finnish Environment Institute)

15.15 – 15.30	Earth observation product for agricultural water use estimation in Mediterranean basins: Experience of the Greek user	Eleftherios Stavrinos (Ministry of Rural Development and Food Directorate of Water Reclamation and Soil-Water Resources Planning)
15.30 – 15.45	User involvement in GSE Forest Monitoring	Stefanie Linser (UBA-Austria)
15.45 – 16.00	Urban Atlas helps urban planners in Prague	Jiri Ctyroky & Michal Pochmann (City Development Authority Prague/Department of Spatial Information)
16.00 – 16.30	Discussions	

### Coffe break 16.30 – 17.00

<i>GMES outlook</i>		
17.00 – 17.25	Service provision industry view and outlook	Franz Jaskolla (ITD)
17.25 – 17.50	Implementation group results and outlook <i>(working title)</i>	Dietmar Grunreich (Federal Agency for Cartography and Geodesy)
17.50 – 18.00	Summary and conclusions	Josiane Masson (EC)

### 19:00 evening reception

**Friday March 27<sup>th</sup>**

<b>Part 5 – GMES related studies/projects</b>		
<b>9.00 – 9.20</b>	<b>Better geoinformation for spatial planning: Implementation of GMES services in the Czech Republic</b>	J. Weichselbaum, T. Soukup
<b>9.20 – 9.40</b>	<b>REAL - Remote sensing identification and monitoring of abandoned land</b>	T. Soukup (GISAT)
<b>9.40 – 10.00</b>	<b>The HUMBOLDT project: towards the harmonisation of spatial information in Europe</b>	Daniel Kristof (Institute of Geodesy, Cartography and Remote Sensing, Budapest)
<b>10.00 – 10.20</b>	<b>A Shared Environmental Information System for GMES: key topics</b>	Danielle Tacyniak, Agnes Marty (Thales)
<b>10.20 – 10.40</b>	<b>Integration of Earth Observation Data and Domain Knowledge Using Topic Maps</b>	Rani Pinchuk, Bernard Valentin (Space Applications Services)
<b>10.40 – 11.00</b>	<b>A testbed for INSPIRE and GMES services</b>	Volker Kraut (Munich Technical University)
<b>11.00 – 11.20</b>	<b>EarthLookCZ - GMES data publication, combination and sharing on the web</b>	Petr Horák, Martin Vlk (WIRELESSINFO)

<b>12.00 – 12.30</b>	<b>Plenary Closing session</b>	
<b>12.30 – 13.00</b>	<b>Presentations of memorandum and reports from sessions</b>	
<b>13.00 – 13.30</b>	<b>Press conference</b>	