

The

### **3<sup>rd</sup> and final GMES HALO Workshop**

will be held on

4-5 December 2006 at ECMWF in Reading, UK.

#### *Background*

GMES is a joint initiative of the European Commission and the European Space Agency, designed to establish a European capacity for the provision and use of operational information for **Global Monitoring of Environment and Security**. The **Integrated Projects (IPs)** GEMS, GEOLAND, and MERSEA are currently developing the global GMES monitoring systems for the atmosphere, land, and ocean, respectively. The latter two will become operational in the GMES Fast-Track Pilot Services “Marine Service” and “Land Monitoring” from 2008 onwards. An “Atmospheric Service” has been proposed for operations from 2009 onwards. HALO is a GMES **Specific Support Action (SSA)**, which optimises the transition to operations of the three monitoring systems by formulating agreed recommendations on their interacting parts. Candidate solutions for the common data transfer infrastructure between the services are defined and the product exchange is analysed scientifically. This is the final HALO workshop since the project ends in January 2007.

#### *Purpose*

The reviews performed and the conclusions drawn in HALO will be presented and discussed during the workshop. Feedback from project-external workshop participants will be discussed and the HALO participants plan to finalise their recommendations. During the project reviews, it has become clear that the **WMO Information System (WIS)** and a potential future **Global Fire Assimilation System (GFAS)** will be of central importance. The relevant project reports will be circulated amongst the workshop participants one week before the workshop. Please find the provisional agenda overleaf.

#### *Audience*

Participants from the following organisation / groups are particularly invited: GMES IPs and GSEs, Alcatel, EADS Astrium, European Commission, GMES Advisory Council, European Space Agency, European Environmental Agency, FP6 projects (Global Change and Ecosystems), World Meteorological Organization, Meteorological Services. Participants are invited to stay for both days.

#### *Registration and More Information*

If you intend to attend the workshop, please send an informal registration to Johannes Kaiser by 15 November <<mailto:j.kaiser@ecmwf.int>>. The latest information will be available on the HALO workshops web page <[http://www.ecmwf.int/research/EU\\_projects/HALO/workshops.html](http://www.ecmwf.int/research/EU_projects/HALO/workshops.html)> or from Johannes Kaiser or Anthony Hollingsworth.

3<sup>rd</sup> HALO Workshop, Provisional Agenda (status 1 December 2006)

<b>Monday, 4 December 2006</b>			
0900	10'	Welcome	Marbouty, Director ECMWF
<b>GMES Updates</b>			
0910	24'	GMES Overview	Breger, EC
0934	24'	GEMS Outlook	Hollingsworth, ECMWF
0958	24'	MERSEA Outlook	Desaubies, IFREMER
1022	24'	GEOLAND Outlook	Leroy, MEDIAS-F
1046	24'	ESA GSE Overview	Zehner, ESA
1110	20'	coffee break	
<b>Current Developments in Infrastructures</b>			
1130	30'	WMO Information System (WIS) Update	Schiessl, WMO
1200	30'	SIMDAT – A GRID Implementation for the WIS, Update	Raoult, ECMWF
1230	20'	EUMETCast Update	Williams, EUMETSAT
1250	70'	lunch break	
<b>Recommendations on Candidate Solutions for GMES Infrastructure</b>			
1400	15'	Summary of the Infrastructure requirements for the GMES Backbone	Kaiser, ECMWF
1415	90'	Infrastructure Candidate Solution Review and Recommendation	Levy, ASTRIUM / Pechinot, ALCATEL
1545	30'	coffee break	
1645	60'	Discussion on Candidate solutions	
1745		end of day 1	
1930		dinner	
<b>Tuesday, 5 December 2006</b>			
0900	90'	Conclusions on Candidate Solutions	
1030	30'	coffee break	
<b>Recommendations on Scientific Aspects of the GMES Infrastructure</b>			
1100	30'	Scientific Recommendations Ocean-Atmosphere: Overview	Desaubies/Bentamy, MERSEA
1130	30'	Scientific Recommendations Land-Atmosphere: Biomass Estimates / Wildfires & Biomass Burning	Calvet, GEOLAND / Kaiser, HALO
1200	60'	lunch break	
1300	150'	Discussions and Conclusions on Scientific Recommendations	
1530		end of workshop	

### *Travel and Accommodation*

Directions are given at <<http://www.ecmwf.int/about/location>>. The page also contains a link to a list of available accommodation in the area. We recommend the George Hotel (traditional English, mention ECMWF discount), Ibis Hotel (standard modern), and Abadair House (budget).

### *Restaurant (Monday night)*

We have reserved tables at the restaurant “Zizzi” in the town centre, 64-72 Kings Road, Reading, RG1 3BJ - Tel: 01189 594662. You can find more information at <[http://www.readingrestaurants.com/zizzi\\_reading](http://www.readingrestaurants.com/zizzi_reading)> or <<http://www.zizzi.com>>.

### *No Reimbursements*

Unfortunately, we cannot subsidise participant’s travel, accommodation, and restaurant costs.