

## Draft Agenda v0.1

# Workshop on EC CEOS Priority on GHG Monitoring: Interfaces Between CEOS Agencies and the GHG Monitoring System

18-19 June 2018

*European Commission Joint Research Centre, Ispra, Italy*

To make the most of GHG data from space, we need to be fully aware of how it integrates with the other key components of the GHG monitoring system (i.e., modelling, in situ, and inventory aspects) – especially as we move to an operational context.

This workshop will be focused on the space agency perspective, and seeks to understand the best practices for the integration of space data with the rest of the GHG monitoring system by drawing on the individual experiences of CEOS agencies to date.

## Monday 18 June

<b>09:30</b>	Introductions and Round Table	A. Belward (JRC)  M. Facchini (GROW, CEOS Chair)
<b>10:00</b>	Objectives of the Meeting and the EC Priority on GHG Monitoring	M. Dowell
<b>10:15</b>	Relevant International Programmes (incl. questions) <ul style="list-style-type: none"><li>- WMO (WIGOS-2040/Physical Architecture for Climate Monitoring from Space and IG3IS) (<i>W.Balogh and P.DeCola, 20 min</i>)</li><li>- GCOS (IP 2016 , Action T71, and Paris follow-on paper) (<i>S. Briggs, 15 min</i>)</li><li>- GEO (GEO-C, <i>in situ</i> coordination mechanism, Paris workshop) (<i>A. Obregon, 15 min</i>)</li></ul>	
<b>11:05 – Break</b>		
<b>11:30</b>	Recent and Ongoing Activities	

	(15 min each) <ul style="list-style-type: none"> <li>- CEOS AC-VC Whitepaper (D. Crisp)</li> <li>- JRC Inversion Modelling Workshop (<i>P. Bergamaschi</i>)</li> <li>- Copernicus CO<sub>2</sub> Task Force Report (<i>B. Pinty</i>)</li> <li>- MOE/NIES Guidebook and IPCC TFI Update (<i>NIES/Japan</i>)</li> <li>- Report from CGMS-46 (<i>P. Counet</i>)</li> <li>- Report from IWGGMS Toronto (<i>R. Nassar</i>)</li> </ul>	
<b>13:00 – Lunch</b>		
<b>14:00</b>	Individual Agency Perspectives (10 min each) <ul style="list-style-type: none"> <li>- CSA</li> <li>- CNES (<i>C. Deniel</i>)</li> <li>- DLR</li> <li>- ESA (<i>Y. Meijer</i>)</li> <li>- EUMETSAT</li> <li>- JAXA (<i>M. Nakajima</i>)</li> <li>- NOAA (<i>A. Young</i>)</li> <li>- NASA (<i>D. Crisp</i>)</li> <li>- UKSA</li> </ul>	
<b>15:30 – Break</b>		
<b>16:00</b>	General / Cross Cutting Issues and Best Practices <ul style="list-style-type: none"> <li>- Terminology</li> <li>- Source of and view on needs and requirements</li> <li>- View on overall system / functional architecture</li> </ul>	M. Dowell
<b>17:30 – Adjourn</b>		

**19:30-22:00: Hosted Dinner – Belvedere Ranco**

## Tuesday 19 June

<b>09:30</b>	Review of Previous Day <ul style="list-style-type: none"> <li>- Synthesis of agency reports</li> <li>- Summary of generic / cross cutting recommendations</li> </ul>	M. Steventon, R. Husband, M. Dowell
<b>10:00</b>	Break-out Groups:	

	<ol style="list-style-type: none"> <li>1. Space – Modelling</li> <li>2. Space – <i>In situ</i></li> <li>3. Space – Inventory</li> </ol>	
<b>11:00 – Break</b>		
<b>11:30</b>	Break-out Groups: <ol style="list-style-type: none"> <li>1. Space – Modelling</li> <li>2. Space – <i>In situ</i></li> <li>3. Space – Inventory</li> </ol>	
<b>13:00 – Lunch</b>		
<b>14:00</b>	Reporting from Three Groups + Discussion	Rapporteurs
<b>15:30 – Break</b>		
<b>16:00</b>	Consolidation of Recommendations and Identified Best Practices	M. Dowell, M. Steventon, R. Husband
<b>17:00</b>	Conclusions and Follow-up	M. Dowell
<b>17:30 – Adjourn</b>		