



3rd Carbon Science Cluster Coordination Meeting Agenda 17-18 November 2025



Day 1: Monday 17th November

Time	Project	Speaker/ Institution
09:00-09:30	Welcome and opening statements from ESA and EC	Stephen Plummer, <i>ESA</i> EC representative TBC
Session 1: Preparation for multi-mission assessment of the carbon cycle (Flex, BIOMASS and the Sentinel Expansion missions)		
09:30 – 09:50	MaaP and BIOMASS	Clément Albinet, <i>ESA</i>
09:50 – 10:10	GVMAP – BiomAP	Samuel Favrichon, <i>GAMMA RS</i>
10:10 – 10:25	BLS-BIOMASS	André Mora, João Pereira-Pires, <i>UNINOVA</i>
10:25 – 10:40	FLEX	Marco Celesti, <i>ESA</i>
10:40 – 11:00	Sentinel Expansion Missions (ROSE-L/CHIME)	Marco Celesti, <i>ESA</i>
11:00-11:30	Coffee Break	
Session 2: Global Carbon Budgets and Earth Observation		
11:30 – 11:45	NRT Carbon Extremes & NRT Carbon Budget Project	Stephen Sitch, <i>University of Exeter</i> Philippe Ciais, <i>LSCE UVSQ</i>
11:45 – 12:00	FluxCom-X	Sophia Walther, <i>Max Planck Institute for Biogeochemistry</i>
12:00 – 12:15	RECCAP-2_cci	Philippe Clais, <i>LSCE -UVSQ</i>
12:15 – 12:30	LCC and TCCAS	Thomas Kaminski, <i>Inversion Lab</i>
12:30 – 12:45	NextGenCarbon	Ruben Valbuena, <i>Swedish University of Agricultural Sciences</i>
12:45 – 13:00	CONCERTO	Manuela Balzarolo, <i>CMCC Foundation</i>
13:00 – 13:15	THRAC3E	Stephen Sitch, <i>University of Exeter</i>
13:15 – 14:15	Lunch break	
Session 3: Understanding the role of land use change in the carbon cycle		
14:15 – 14:30	EO4CSM	Wouter Meijninger, <i>Wageningen University & Research</i>



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14:30 – 14:45	EO4BK	Thomas Gasser, <i>IIASA</i>
14:45 – 15:00	GLANCE CCI	Ruxandra-Maria Zotta <i>TU Wien</i>
15:00 – 15:15	Forest Digital Twin Component	Matti Mottus, Renne Tergujeff <i>VTT</i>
15:15 – 15:30	Forest Carbon Monitoring	Jukka Miettinen, <i>VTT</i>
15:30 – 15:45	S14Amazonas	Sivasankar Arul, <i>GISAT</i>
15:45– 16:00	Coffee Break	
Session 4: Themed Discussion		
16:00 – 17:00	How can we improve existing links between ESA and EU projects? How can we expand use of EO inputs in RECCAP3? What gaps/opportunities exist for complementary work?	

Day 2: Tuesday 18th November

Time	Project	Speaker/ Institution
09:00 – 09:15	Recap and Feedback from Day 1 and Planning for Day 2	Stephen Plummer, <i>ESA</i>
Session 5: Exploring ground-based, airborne, satellite observations and models for carbon and water cycles		
09:15 – 09:30	EOLINCS	Sujan Koirala <i>Max Planck Institute for Biogeochemistry</i>
09:30 – 09:45	GROUND-EO	Luke Brown <i>University of Salford</i>
09:45 – 10:00	IMITATE	Robert Parker <i>NCEO-Leicester</i>
10:00 – 10:15	EarthCODE	Krasen Samardzhiev, <i>Lampata,</i> Ewelina Dobrowolska, <i>Serco Italy</i>
10:15 – 10:30	RISOTTO	Paul Vermunt <i>University of Twente</i>
10:30 – 10:45	CARBON-ARA Amazon Campaign	Clement Albergel, Dirk Schuettmeyer, <i>ESA</i>
10:45-11:15	Coffee break	
Session 6: Understanding the dynamics of the carbon cycle		



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11:15 – 11:30	Natural disturbances in Europe’s most mature and carbon-rich forests	Simon Besnard, <i>GFZ Helmholtz Centre for Geosciences</i>
11:30 – 11:45	Sense4Fire	Daniel Kinalczyk Chris Marrs, <i>TU Dresden</i>
11:45-12:00	Fuelity	Joe McNorton, Siham El Garroussi, <i>ECMWF</i>
12:00 – 12:15	FIRE CCI	Emilio Chuvieco Lucrecia Pettinari, <i>Universidad de Alcalá</i>
12:15 – 12:30	XFires	Stephen Sitch, <i>University of Exeter</i>
12:30 – 12:45	PyroMar	Joan Llort, <i>CSIC</i>
12:45 – 13:00	DeepFeatures	Clemens Mosig, <i>Leipzig University</i>
13:00– 14:00	Lunch break	
Session 7: Understanding Emissions		
14:00 – 14:15	Avengers	Marko Scholze, <i>Lund University</i>
14:15 – 14:30	SMART-CH4	Antoine Berchet, <i>CEA-LSCE</i>
14:30 – 14:45	IM4CA	Sander Houweling, <i>SRON</i>
14:45 – 15:00	METRICS	Daniel Potts, <i>University of Leicester</i>
15:00 – 15:15	AMPAC-Net	Annett Bartsch, <i>GEOS</i>
15:15 – 15:30	MISO	Tuan-Vu Cao <i>NILU</i>
15:30 - 15:45	EOWetMet	Masoud Mahdianpari <i>C-CORE</i>
15:45 – 16:00	Coffee break	
Session 8: Next Steps Discussion Session		
16:00 – 17:00	What topics should be covered for the 5th Carbon from Space workshop (October 2026)? What areas should be the focus of the Carbon Cluster Work Plan 26-28?	