

Supplementary material to “Improving Our Understanding of Earth System Processes Within the GREENCYCLES EUROPEAN Training Network”

<u>Name</u>	<u>Project title</u>	<u>Host</u> ¹	<u>Secondments</u>
Quantifying feedbacks in the global carbon cycle			
Marine biogeochemistry:			
Maciej Telszewski	Ocean-Atmosphere CO ₂ flux observations	UEA	CEA
Valentina Sicardi	Inversion methods to estimate ocean CO ₂ and O ₂ fluxes	MPI-BGC	CEA
Nicholas Stephens	Ocean biology and carbon fluxes	MPI-BGC	UEA
Terrestrial biosphere dynamics:			
Raquel Garcia Gonzalez	Ecosystem Processes in Mediterranean and Mountain Zones	CEA	CREAF
Trevor Keenan	Ecosystem physiology and carbon/water dynamics	CREAF	CEA, VUA
Sönke Zaehle	Terrestrial processes and feedbacks	CEA	CREAF, MetO
Ben Poulter	Terrestrial carbon/climate coupling hot spots	PIK	CREAF, CEA
Quantify impacts of climate change and land-use on fire-induced emissions of greenhouse gases			
Marlies Gumpenberger	Biogeochemical cycles, land-use policies and agricultural management	PIK	ISA, MetO
Yannick Le Page	Global biomass burning: links with the climate system and modelling	ISA	MetO, PIK
Tomasz Kasikowski	Land use and fire: consequences for global budgets of GHGs	MetO	PIK, ISA
Improve understanding of natural sources of CH and their responses to human activities₄			
Marcin Jackowicz-Korczynski	Methane processes and controls	ULUND	UBRIS, CEA
Roxana Petrescu	Hydrology and scaling	VUA	ULUND, MetO
Quantify impacts of climate change on biogenic emissions of aerosols and chemically active gases			

Meike Vogt	Marine Production of DMS and its Interaction with Climate Climate forcing by BVOC and CH ₄ emissions	UEA	MPI-BGC, CEA
NN		MetO	ULUND
Long-term climate feedbacks from atmospheric carbon dioxide and dust			
Anna Lourantou	The EPICA / Dome C ice cores and the global carbon budget	LGGE	CEA
Sarah Shannon	Global dust sources and consequences	UBRIS	LGGE, CEA
NN	Climate forcing by dust and CH ₄	UBRIS	MetO, CEA

1 **CREAF**: CREAM Research Institute, Barcelona, Spain; **ISA**: Instituto Superior de Agronomia, Lisbon, Portugal; **CNRS-LGGE**: Laboratoire de Glaciologie et Géophysique de l'Environnement, Grenoble, France; **CEA**: CEA / Laboratoire des Sciences du Climat et de l'Environnement, Gif-sur-Yvette, France; **MetO**: Met Office, Exeter, UK; **MPI-BGC**: Max-Planck Institut für Biogeochemie, Jena, Germany; **PIK**: Potsdam Institute for Climate Impact Research, Potsdam, Germany; **UBRIS**: University of Bristol, UK; **UEA**: University of East Anglia, Norwich, UK; **ULUND**: University of Lund, Lund, Sweden; **VUA**: Vrije Universiteit Amsterdam, Amsterdam, Netherlands