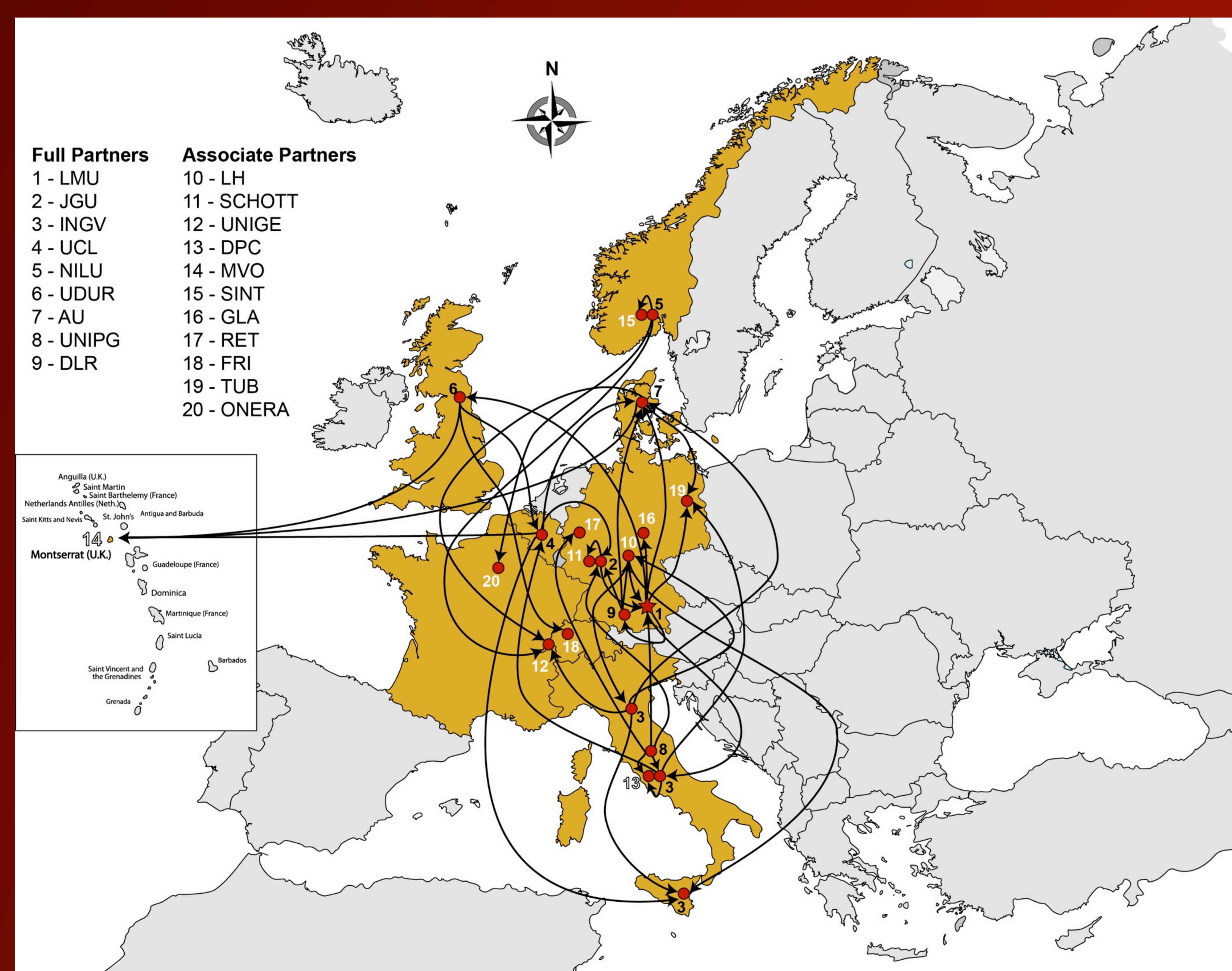


Geneva, Switzerland, Nov. 18-20, 2013

VERTIGO:

Volcanic ash: field, experimental and numerical investigations of processes during its lifecycle

An EU-funded Marie Curie Initial Training Network (ITN) will start on 1 January 2014. During the four years project duration, thirteen ESRs (Early Stage Researchers) will be receiving training through research at nine hosting institutions in collaboration with eleven associate partners. VERTIGO will be based and administered in Munich, Germany (Project Coordinator: Ulrich Kueppers, u.kueppers@lmu.de).



VERTIGO partners	Private Sector/ non-academia	Country	Legal Entity	Department/ Institute	Scientist-in-Charge	Role of Associate Partner
1 (FP) LMU		Germany	Ludwig-Maximilians-Universität München	Earth and Environmental Sciences	Ulrich Kueppers, Matthias Wiegner	
2 (FP) JGU		Germany	Johannes Gutenberg-Universität Mainz	Geosciences	Jonathan Castro	
3 (FP) INGV		Italy	Istituto Nazionale di Geofisica e Vulcanologia	Bologna, Rome, Catania	Antonio Costa, Jacopo Taddeucci	
4 (FP) UCL		Belgium	Université catholique de Louvain	Earth & Life	Pierre Delmelle	
5 (FP) NILU		Norway	Norsk institutt for luftforskning		Adam Durant	
6 (FP) UDUR		Great Britain	University of Durham	Hazard, Risk & Resilience	Claire Horwell	
7 (FP) AU		Denmark	Aarhus Universitet	Physics and Astronomy	Jon Merrison	
8 (FP) UNIPG		Italy	Università degli Studi di Perugia	Earth Sciences	Diego Perugini	
9 (FP) DLR		Germany	Deutsches Zentrum für Luft- und Raumfahrt	Atmospheric Physics	Bernadett Weinzierl	
10 (AP) LH	✓	Germany	Lufthansa GmbH	Airline, Operational Standards, FRA OZ/G-C	Stefan Amtsbuechler	SM, aircraft maintenance, flight plan implementation
11 (AP) SCHOTT	✓	Germany	SCHOTT AG	Special glass manufacturer	Wolfgang Mannstadt	SM, properties of silicate melts
12 (AP) UNIGE		Switzerland	Université de Genève	Earth and Environmental Sciences	Costanza Bonadonna	SM, wind tunnel experiments, numerical modelling
13 (AP) DPC	✓	Italy	Dipartimento Protezione Civile	Risk assessment	Stefano Ciolli	SM, risk assessment
14 (AP) MVO	✓	British West Indies	Montserrat Volcano Observatory	Volcano Observatory	Roderick Stewart	SM, volcano monitoring, hazard assessment
15 (AP) SINT	✓	Norway	SINTEF MC	Independent research institution	Spyros Diplas	SM, interface/surface characterisation
16 (AP) GLA	✓	Germany	Glatt Ingenieurtechnik GmbH	Powder processing	Michael Jacob	SM, powder processing, entrepreneurship
17 (AP) RET	✓	Germany	RETSCH GmbH	Particle characterisation	Kai Düffels	SM, particle characterisation, entrepreneurship
18 (AP) FRI		Switzerland	Université de Fribourg	Adolphe Merkle Institute	Barbara Rothen-Rutishauser	SM, effect of bio- and nanomaterials on cell cultures
19 (AP) TUB		Germany	Technische Universität	Strömungsmechanik Technische Akustik	Jörn Sesterhenn	SM, modelling of gas-particle flows
20 (AP) ONERA	✓	France	Office National D'Etudes et de Recherches Aérospatiales	The French Aerospace Lab	Marie-Hélène Vidal-Sétif	SM, development of turbine blade coatings

Table B.1: List of VERTIGO partners. Partner 1 is the project coordinator; partners 2-9 (full partners) and 10-20 (associate partners) are in alphabetic order according to the name of the scientist-in-charge. Seven associate partners are non-university potential future employers. Abbreviations: FP = Full partner; AP = Associate partner; SM = secondments



We will organize 4 yearly workshops, two summer schools and sessions at international conferences. Workshops and summer schools will be spiced by guest scientists and open to a limited amount of students external to VERTIGO.

We are looking for 13 highly skilled, ambitious, mobile Master students.