

Haro, P

STSM and ITC CG Coordinator (*Universidad de Sevilla, Spain*)



Paola Villoria (WG 1)

•**HOME INSTITUTION:** UPM, Madrid, Spain
 •**HOST INSTITUTION:** Loughborough University, Loughborough, UK, Mohamed Osmani
 •**DATES:** 2017-12-05 to 2017-12-15
 •**DESCRIPTION OF THE STSM PROJECT:** I examined the current CDW generation trends, recovery rates and challenges across the EU and identified existing and emerging CDW recycling and recovery technologies for six key CDW streams.



Paul Gontia (WG 1)

•**HOME INSTITUTION:** Chalmers University of Technology, Gothenburg, Sweden
 •**HOST INSTITUTION:** University of Southern Denmark, Odense Denmark, Gang Liu
 •**DATES:** 2018-03-11 to 2018-04-04
 •**DESCRIPTION OF THE STSM PROJECT:** The main goal of the exchange was to better understand historical databases of material composition in residential and nonresidential buildings.



Tamara Bimesmeier (WG 1)

•**HOME INSTITUTION:** Leibniz Institute of Ecological Urban and Regional Development (IOER), Dresden, Germany
 •**HOST INSTITUTION:** University of Southern Denmark, Odense, Denmark, Gang Liu
 •**DATES:** 2018-10-13 to 2018-11-17
 •**DESCRIPTION OF THE STSM PROJECT:** Tamara was working on a knowledge base for material reserves by involving in a MINEA-workshop and by analyzing bottom-up MFA of the built environment to realize a cross-context knowledge transfer.



Biljana Angjusheva (WG 1)

•**HOME INSTITUTION:** Ss Cyril and Methodius University in Skopje, RN Macedonia
 •**HOST INSTITUTION:** Slovenian National Building and Civil Engineering Institute (ZAG), Slovenia, Vilma Ducman
 •**DATES:** 2019-02-06 to 2019-02-17
 •**DESCRIPTION OF THE STSM PROJECT:** During the STSM, Biljana conducted several experiments of characterization of clay and C&D waste and determination of the physical properties of the C&D-clay based ceramics.



Ruichang Mao (WG 1)

•**HOME INSTITUTION:** University of Southern Denmark, Odense Denmark, Gang Liu
 •**HOST INSTITUTION:** Faculty of Architecture, Architectural Engineering and Urban Planning, University of Louvain, Daniela Perrotti
 •**DATES:** 2019-11-17 to 2019-12-07
 •**DESCRIPTION OF THE STSM PROJECT:** During the STSM, Ruichang was working on modelling urban metabolism for urban sustainability in terms of the built environment stocks and ecosystem services, especially on the role of spatial planning, stakeholder perspectives, and policy framework.



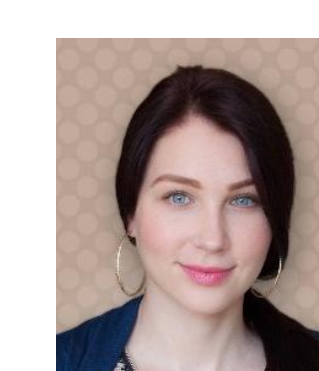
Jurgita Seniūnaitė (WG 3)

•**HOME INSTITUTION:** Vilnius Gediminas Technical University, Vilnius, Lithuania
 •**HOST INSTITUTION:** Institute of Chemical Process Fundamentals of the CAS, Prague, Czech Republic, Michal Šyc
 •**DATES:** 2017-12-05 to 2017-12-15
 •**DESCRIPTION OF THE STSM PROJECT:** During the STSM, Jurgita conducted experiments of different fractions natural weathering municipal solid waste incineration bottom ash chemical composition and leaching properties.



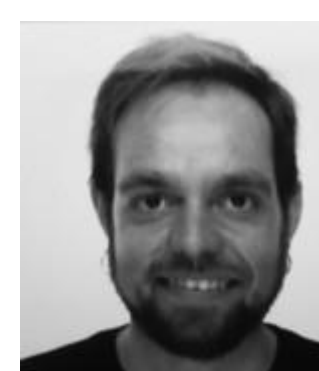
Dominik Blasenbauer (WG 3)

•**HOME INSTITUTION:** Institute for Water Quality and Resource Management, TU Wien, Austria
 •**HOST INSTITUTION:** Universidade de Coimbra, Portugal, Margarida Quina
 •**DATES:** 01/09/2018 to 30/09/2018
 •**DESCRIPTION OF THE STSM PROJECT:** Writing a report about the legal situation and current practice of municipal solid waste incineration bottom ash utilisation and disposal in Europe.



Ekaterina Korotenko (WG 3)

•**HOME INSTITUTION:** Institute of Chemical Process Fundamentals of the Czech Academy of Sciences, Prague, Czech Republic
 •**HOST INSTITUTION:** Institute for Water Quality and Resource Management, TU Wien, Austria, Florian Huber
 •**DATES:** 2019-02-04 to 2019-03-03
 •**DESCRIPTION OF THE STSM PROJECT:** During the STSM, Ekaterina conducted experiments on the application of density separation for MSWI bottom ash treatment. Thereby, mineral fractions with different properties and increased resource potential were generated.



Alex Maldonado (WG 3)

•**HOME INSTITUTION:** Universitat de Barcelona (UB), Barcelona, Spain
 •**HOST INSTITUTION:** Universidade de Coimbra, Coimbra, Portugal, Margarida Quina
 •**DATES:** 28/01/2019 to 08/02/2019
 •**DESCRIPTION OF THE STSM PROJECT:** Evaluating the bloating properties by using heating microscope of Lightweight Aggregates (LWA) based on Municipal Solid Waste Incineration (MSWI) Bottom Ash and crop by-product.



Josep Maria Chimenos (WG 3)

•**HOME INSTITUTION:** Universitat de Barcelona (UB), Barcelona, Spain
 •**HOST INSTITUTION:** Universidade de Coimbra, Coimbra, Portugal, Margarida Quina
 •**DATES:** 28/01/2019 to 08/02/2019
 •**DESCRIPTION OF THE STSM PROJECT:** Heating microscope evaluation of the use of MSWI bottom ash as a precursor in the formulation of lightweight aggregates using residual biomass as bloating agents.



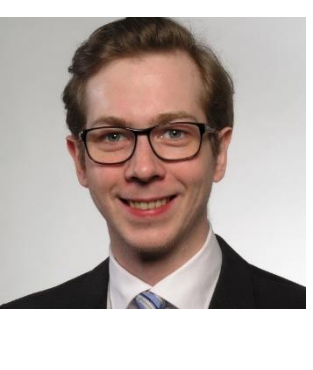
Helena Gomes (WG 3)

•**HOME INSTITUTION:** University of Nottingham, Nottingham, UK
 •**HOST INSTITUTION:** University of Bologna, Bologna, Italy, Valerio Funari
 •**DATES:** 2019-03-29 to 2019-04-29
 •**DESCRIPTION OF THE STSM PROJECT:** Helena performed experiments on electrodyalytic enhanced bioleaching of MSWI fly ash. She was involved in writing two co-authored publications and dissemination of the research findings and social awareness through the website www.theanthropictimes.com.



John Laurence Esguerra (WG 2)

•**HOME INSTITUTION:** Linköping University, Linköping, Sweden
 •**HOST INSTITUTION:** University of Antwerp, Antwerp, Belgium, Steven Van Passel
 •**DATES:** 2017-06-01 to 2017-06-30
 •**DESCRIPTION OF THE STSM PROJECT:** During the STSM, JL did an extensive literature review of previous economic assessments including framework, methodological and empirical studies on landfill mining and landfill management.



Paul Einhüpl (WG 2)

•**HOME INSTITUTION:** Linköping University, Linköping, Sweden
 •**HOST INSTITUTION:** University of Antwerp, Antwerp, Belgium, Steven Van Passel
 •**DATES:** 2017-06-01 to 2017-06-30
 •**DESCRIPTION OF THE STSM PROJECT:** During the STSM, Paul gained a first hands-on experience on different landfill management options. He interviewed various key actors of a landfill mining project to learn about their different perspectives.



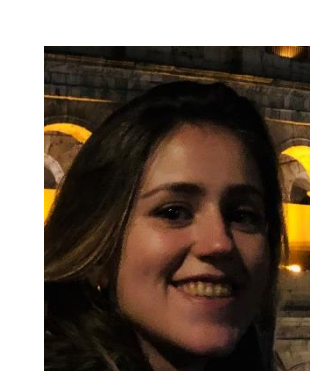
Emilija Fidanchevski (WG 2)

•**HOME INSTITUTION:** Ss Cyril and Methodius University in Skopje, RN Macedonia
 •**HOST INSTITUTION:** Slovenian National Building and Civil Engineering Institute (ZAG), Ljubljana, Slovenia, Sabina Kramar
 •**DATES:** 2019-01-15 to 2019-01-28
 •**DESCRIPTION OF THE STSM PROJECT:** During the STSM, Emilija gained knowledge for utilization secondary raw materials (red mud) for synthesis of innovative binders i.e. sulfoaluminate cement clinkers.



Carlo Cormio (WG 2)

•**HOME INSTITUTION:** SERENGEO Srl, Bologna, Italy
 •**HOST INSTITUTION:** CERENA - Centro de Recursos Naturais e Ambiente - Departamento de Engenharia Civil, Arquitectura e Georrecursos - Instituto Superior Tecnico, Lisbon, Portugal, Teresa Carvalho
 •**DATES:** 2019-08-24 to 2019-09-02
 •**DESCRIPTION OF THE STSM PROJECT:** During the STSM, Carlo collected case studies to define the state-of-art about Extractive industries residues assessment. An approach, a tool and specific guidelines for case studies analysis were developed.



Marta Alonso (WG 2)

•**HOME INSTITUTION:** Fundación ICAMyL, León, Spain
 •**HOST INSTITUTION:** Institute of Environmental Geology and Geoengineering of the Italian National Research Council (IGAG-CNR), Italy, Daniela Guglietta
 •**DATES:** 2020-01-27 to 2020-01-31
 •**DESCRIPTION OF THE STSM PROJECT:** During the STSM, Marta collected and classified data from European projects related with MINEA. A classification criterion is developed for case studies in WG2.



Paola Katalin Szabo (WG 4)

•**HOME INSTITUTION:** Geological and Geophysical Institute of Hungary, Budapest, Hungary
 •**HOST INSTITUTION:** Geological Survey of Finland, Kuopio, Finland, Tommi Kauppila
 •**DATES:** 05/06/2017 to 10/06/2017
 •**DESCRIPTION OF THE STSM PROJECT:** The mission involved familiarization with several mining waste related topics, field visits to mining waste facilities and a minerals processing test plant.



Sandra Müller (WG 4)

•**HOME INSTITUTION:** Empa (Swiss Federal Laboratories for Materials Science & Technology), St. Gallen, Switzerland
 •**HOST INSTITUTION:** TU Wien, Vienna, Austria, Ulrich Kral
 •**DATES:** 2017-11-20 to 2018-02-17
 •**DESCRIPTION OF THE STSM PROJECT:** During the STSM, Sandra carried out a case study to classify the metal resources of municipal solid waste based on the Specifications for the UN Classification of Anthropogenic Resources.



Maud Lanau (WG 4)

•**HOME INSTITUTION:** SDU Life Cycle Engineering, Odense M, Denmark
 •**HOST INSTITUTION:** Research Unit Waste and Resource Management, Institute of Water Quality and Resource Management, TU Wien, Austria, Ulrich Kral
 •**DATES:** 2019-03-04 - 2019-03-29
 •**DESCRIPTION OF THE STSM PROJECT:** Kick start the development of a meta-data catalogue gathering detailed information on raw and processed data from the different research groups involved in urban material stock studies.