



6th UNICA GREEN Workshop: TOWARDS CARBON NEUTRAL UNIVERSITIES

2-4 May 2016, University of Rome "Tor Vergata"

BIOGRAPHIES OF SPEAKERS AND CHAIRS

Luciano SASO, Vice-Rector for European University Networks, Sapienza University and President of UNICA

Professor Luciano Saso (Faculty of Pharmacy and Medicine, Sapienza University of Rome, Italy) received his PhD in Pharmaceutical Sciences from Sapienza University in 1992. He is author of more than 160 scientific articles published in peer reviewed international journals with impact factor (SASO-L in www.pubmed.com, total impact factor 485, H-index Google Scholar 31, Scopus 26). He coordinated several research projects in the field of pharmacology and has been referee for many national and international funding agencies and international scientific journals in the last 25 years.



Luciano Saso has extensive experience in international relations and he is currently Vice-Rector for European University Networks at Sapienza University of Rome. In the last 15 years, he participated in several projects including IMS2020, EGRACONS, IMOTION, BUCUM, UZDOC, TRAIN and has been speaker and chair at many international conferences organised by UNICA, SGroup European Universities' Network, EAIE and the European Association of Erasmus Coordinators.

Luciano Saso assumed the role of Member of the Steering Committee of UNICA for two mandates (2011-2015) and he was elected President for the period 2016-2019 during the UNICA General Assembly in October 2015.

Stefano CORDINER, University of Rome "Tor Vergata"

Stefano Cordiner graduated in Mechanical Engineering from the University of Rome "Tor Vergata", Italy in 1989 and received a Doctorate in Mechanical Engineering in 1993. He is Professor in Fluid Machinery and Energy Conversion with the University of Rome "Tor Vergata". His research activities are focused on innovative energy conversion systems and their interactions with the environment. Stefano Cordiner has authored or co-authored over 130 publications in this fields including refereed journal articles, peer-reviewed proceedings and proceedings. He teaches basic courses on energy conversion and post graduate course in Energy Conversion form conventional and renewable sources. He is the Energy Manager of the University Tor Vergata, and in this role participates and coordinates actions aimed at improving the sustainability of the activities of the Campus. Stefano Cordiner is involved in different international collaboration projects with important institutions around the World (EU, USA, Canada, Brazil). He is responsible for different research and technological development projects with private and public research institution and industrial companies funded by International entities on the basis of competitive tenders (European Commission, US-DOE, etc.)



OPENING SESSION: TOWARDS CARBON-NEUTRAL UNIVERSITIES

NESSO (Network Sustainability Siena), an Interdisciplinary Center dedicated to the environmental, social and economic sustainability

Angelo RICCABONI, Rector, University of Siena

Angelo Riccaboni is Rector of the University of Siena, one of the oldest European universities, founded in 1240. Research and teaching at the University of Siena are particularly focused on sustainability issues, as testified by the creation of NESSO, Network Sustainability Siena, an Interdisciplinary Centre dedicated to the environmental, social and economic sustainability.



Angelo Riccaboni is professor of Corporate Governance and Management Control Systems. His research interests focus on mechanisms and processes supporting the implementation of organizational objectives, in line with a social and environmental perspective, and on the process of change in universities.

On these topics he has published articles on international journals such as Accounting, Organizations and Society, Management Accounting Research and Journal of Management and Governance and monographs printed by Elgar, Kluwer and Routledge.

He was a Visiting Scholar at the University of Southern California (Los Angeles), INSEAD, London School of Economics, University of Wales, Bangor (United Kingdom), Columbia Business School, and DePaul University Chicago.

Gothenburg University's climate strategy 2010-2015

Ullika LUNDGREN, Environmental Coordinator, Gothenburg University

Ullika Lundgren is Sustainability Controller at the University of Gothenburg, Sweden, and Environmental Coordinator at the Faculty of Science. As a Sustainability Controller she works mainly with strategic and overall environmental management issues and is responsible for national and international interaction on environmental management. She also teaches in environmental management and environmental audit.



As an Environmental Coordinator at the Faculty of Science she is responsible for the coordination, maintenance and development of the environmental issues and its operations at the faculty.

Ullika Lundgren is a trained marine biologist at the University of Gothenburg, Sweden and also studied environmental management and audit at University West, Sweden. She started early to work with environmental issues in business and organisations. When the Swedish government in the late 1990s commissioned forty state authorities to implement an environmental management system she led the Tjärnö Marine Biological Laboratory as a pilot to certificate according to ISO 14001, the first unit at the University of Gothenburg to reach this goal. Since 2006 the whole University of Gothenburg is certified according to ISO 14001 and registered in EMAS. During 2012-2013 she was appointed technical expert in the Swedish Standards Institute Technical Committee for the international assignment to revise the standard ISO 14001.

Sustainability actions at De Montfort University Leicester: In campus and outreach initiatives focusing on energy efficiency and energy monitoring

Paul FLEMING, Professor of Energy Management and Director of Sustainable Development, De Montfort University Leicester

Paul Fleming is Director of Sustainable Development and Professor of Energy Management at De Montfort University. He has over 25 years' experience of working at the local to regional level on energy efficiency, renewable energy and greenhouse gas emission reductions, with a focus on the technical, non-technical and public engagement aspects of achieving deep cuts in emissions. This includes the analysis of monthly and half hourly electricity, gas and water data in buildings and communicating and engaging with different audiences with different approaches, such as digital social platforms, energy visualisations and peer education at music festivals.



Assessment of the Carbon neutrality at a large scale

Frédéric MEYLAN, Project Leader, Université de Lausanne

Frédéric Meylan is a senior researcher at the University of Lausanne (UNIL). He received a PhD degree in nucleic acid chemistry from the "Ecole Polytechnique Fédérale de Lausanne" (EPFL) and is now specialized in industrial ecology and green chemistry. His primary areas of research interest are biorefineries and carbon dioxide capture and utilization. Frédéric Meylan is currently leading an interdisciplinary project at the University of Lausanne, about the technical and non-technical aspects of carbon recycling strategies.



SESSION 2: ACCOUNTABILITY & MONITORING OF CARBON REDUCTION ACTIONS

Carbon market & Carbon offset

Arnaud BROHÉ, Professor of Université libre de Bruxelles and CEO of CO2logic Université libre de Bruxelles (ULB)

Professor Arnaud Brohé is Managing Director of CO2logic Inc (NYC) and a renowned expert in the field of climate and energy policies (carbon markets, carbon audits, support schemes for renewable and energy efficiency), environmental management (energy, waste and biodiversity impacts) and sustainable reporting (GRI). He has authored many publications in academic and professional journals or reviews. His book 'Carbon Markets' is foreworded by Lord Nicholas Stern. This book was winner of the Choice Outstanding Academic Titles of 2010 award and translated in simplified Chinese characters. Arnaud is a regular speaker on these issues. Arnaud Brohé holds degrees in environment (PhD/MSc/MPhil), finance (MSc/BSc) and international relations (MA/BA). At CO2logic, he has managed more than 50 consulting projects for prestigious public and private clients such as the European Commission, Belgian federal or regional administrations, Holcim Lafarge, Dow Corning, Levi's, Unilever, etc. Next to his consulting career, Arnaud Brohé is a reviewer for Climate Policy and a Professor at the Université libre de Bruxelles (ULB) where he teaches the class on sustainable management.



Climate neutrality in the building sector of universities: Potentials and success factors

Stefan PLESSER, Institute for Building Services and Energy Design, Technical University Braunschweig



Stefan Plessler is an expert in energy and quality management for sustainable buildings. After several years of practice as architect and consultant for energy efficient buildings he joined the IGS – Institute of Building Services and Energy Design at Technical University Braunschweig (TUBS) in 2002 where he since built up the EQM - Energy and Quality Management Group with a team of about 10 researchers and practitioners. He has a university degree in Architecture, Germany, and also received his Ph.D. from the TUBS in 2013.

His scientific work comprises numerous monitoring projects of innovative buildings, the development of software tools for energy and quality management and research projects both on national and international level. His work includes cooperation with other disciplines among which are software engineers, psychologists and building chemists and work as a consultant to the German Federal Ministry of Environment, Nature Conservation, Building and Nuclear Safety. Besides his scientific work, Stefan Plessler is co-founder and managing director of the engineering office energydesign braunschweig GmbH, Braunschweig, and the software company synavision GmbH, Aachen, a provider of quality management software for sustainable buildings.

Reducing carbon dioxide emissions at Freie Universität Berlin by the combination of different instruments – the role of participation

Andreas WANKE, Freie Universität Berlin



Andreas Wanke is Head of Energy and Environmental Unit at the Freie Universität Berlin. In 1990-2001 he worked as researcher at the Environmental Policy Research Centre (Forschungszentrum für Umweltpolitik) at the Department of Political and Social Sciences of the Freie Universität Berlin, where he focused on consulting projects. Since 2001 he has been working as Coordinator for Energy and Environmental Management in the university administration. In his current capacity as head of the Energy and Environmental Unit, he ensures the university's commitment to energy efficiency and sustainability.

SESSION 3: BEST PRACTICE PRESENTATIONS BY UNICA GREEN CORE GROUP MEMBERS AND PARTNERS

The process to define and implement a climate action plan after 10 years of commitment to sustainable development: why and how? A strategic and operational point of view

Alexandra DEMOUSTIEZ, Environmental Coordinator, Université libre de Bruxelles

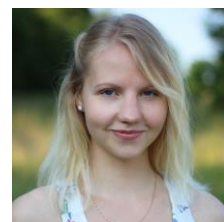
Alexandra Demoustiez works as Environment Coordinator at the Université Libre de Bruxelles (ULB). She is Director of Coordination environnementale, a department in charge of implementing and managing the environmental management of all ULB sites. She holds a Master degree in Economics & Management and a Master in Environment. After 18 years in the private sector, and convinced by environmental concerns, she did a U-turn in her career choosing to implement and manage the environmental policy of ULB, a challenging and fascinating work! Alexandra Demoustiez believes in exchanges and partnerships between universities in order to build a constructive network helping universities to face environmental and sustainability challenges.



University Environmental Strategy

Heleri SOOLMANN, Tallinn University

Heleri Soolmann is an MSc student in Environmental Management at Tallinn University (TLU) and holds a BSc degree from the same field. Her master's thesis focuses on creating the base for environmental management system in TLU. In addition to her studies, she has been conducting waste management project in TLU and participated as an active member in world's largest student organization AIESEC.



Mihkel KANGUR, Tallinn University

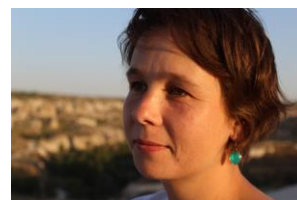
Mihkel Kangur is Director of the Institute of Ecology at Tallinn University and Head of Senate of Tallinn University. He holds a PhD degree in Ecology. His work involves mainly research on ecosystems dynamics, but also participating in different strategic planning working groups and activities related with education concerning environment, environmental policy and sustainable development.



Sustainability 2.0@VUB

Lisa WOUTERS, Policy Officer Gender and Sustainable Development, Vrije Universiteit Brussel

Lisa Wouters holds MSc in Art History and Archaeology (Vrije Universiteit Brussel, 2004) and MSc in Women's Studies (interuniversity programme, 2007). She also took courses at Utrecht University (master Comparative Women's Studies in Culture and Politics and research master Gender and Ethnicity). From 2008 until 2012 she was the Dutch speaking coordinator of Sophia vzw, The Belgian Network for Gender studies. At that time Sophia vzw conducted a feasibility study on the creation of an interuniversity master in gender studies in Belgium. Afterwards she worked at the Archive for women's history (AVG-Carhif) on a project about oral history and the second feminist movement (2011-2013). Since 1 May 2013 Lisa Wouters has been working at the Vrije Universiteit Brussel to develop a gender action plan. Currently she is policy officer for gender (Strategy and Policy Unit) and sustainable development (Department of Education).



The UiO Campus Masterplan: elements and activities that bring the university towards climate neutrality

Jorulf Brøvig SILDE, University of Oslo

Jorulf Brøvig Silde works as Project Director at the University of Oslo for the program Green UiO - Sustainability in Research, Education and Operation. He holds an MSc in Bio-physics in addition to university studies within organisational development. He has been working with occupational health issues in SME, environmental and

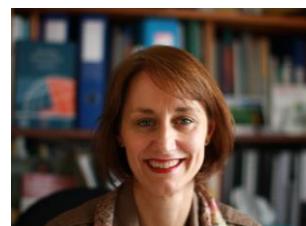


quality issues at the National University hospital of Norway and then worked as the manager for the Health, Environment and Safety unit at UiO before being asked to build the Green UiO project.

Jorulf Brøvig Silde believes that universities are needed to provide the knowledge base and arenas for informed discussion - for actors involved in tackling the challenges of ecological degradation, climate related issues and resource scarcity. He sees UNICA as having a rich potential for strengthening commitment, sharing practices and building a platform for promoting initiatives related to environmental sustainability.

SESSION 4: BEST PRACTICE PRESENTATIONS BY UNICA GREEN CORE GROUP MEMBERS AND PARTNERS (CONTINUED)

Hilligje van't LAND, Director Membership and Programme Development, IAU International Association of Universities

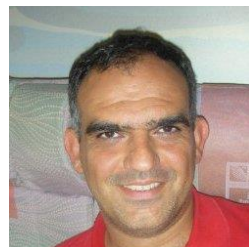


Hilligje van't Land is Director Membership and Programme development at the International Association of Universities (IAU). She was educated in France, the Netherlands and Canada and obtained her PhD in contemporary literature from Groningen University. She started her academic carrier working in the Humanities and taught Comparative francophone literatures at universities in the Netherlands, Canada and France. She has worked for IAU for 14 years where she is in charge of IAU Membership Development and of the following thematic priorities: The Role of Higher Education and Research for Sustainable Development, Intercultural Dialogue, runs the IAU project on the Innovative Approaches to Doctoral Education in Africa, sits on various higher education related international committees; is one of the Members of the Expert Group tasked with the development of the Council of Europe Reference Framework of Competences for Democratic Culture.

She is Editor of IAU Horizons, the Associations magazine; works with the IAU team on the coordination of the Association's Annual International Conferences and General Conferences, etc.

The Strategy to Make the Campus of the University of Cyprus Net Zero-Energy

Costas CHARALAMBOUS, Mechanical Engineer, Technical Services, University of Cyprus



Costas Charalambous has been employed as Mechanical Engineer at the University of Cyprus since 2004. He has participated in the design and the construction administration of various university buildings and projects. He has designed and served as a project manager for various technical projects that aim to improve energy efficiency. Recently, Costas Charalambous has managed a contract for the development and construction of several photovoltaic systems in the university campus, with total power of 395 kWp. He currently participates in the design of a 10 MWp photovoltaic plant, aiming to make the University campus net zero energy.

The road towards 'Carbon Neutrality'

Fabio MAGRASSI, University of Genoa, DICCA – Department of Civil, Chemical and Environmental Engineering



Fabio Magrassi holds a Bachelor degree in Civil Engineering, obtained in 2011 at the University of Pavia, defending the thesis "Project characteristics of Off-shore wind farms". He holds a Master degree in Environmental and Energy Engineering, obtained in 2013 at the University of Genoa, defending the thesis "A LCA-based decision tool for optimizing sustainable energy buildings based on different electricity generation technologies".

He is currently a PhD student in Chemical Engineering of material and processes at the University of Genoa. His research subjects are Sustainability, Carbon Neutrality, Climate Change, Circular Economy and Life Cycle Assessment.

SESSION 6: STUDENT ENGAGEMENT

Corporate Social Responsibility – Social Involvement – Students engagement

Gloria FIORANI, University of Rome ‘Tor Vergata’

Gloria Fiorani is Adjunct Professor of CSR and Social Reporting and Researcher at the University of Rome “Tor Vergata”, Faculty of Economy. She holds a Phd in Public Management and Governance. She is Founding Member of COVISION Lab and Member of Next, System Dynamics Society and GBS (Italian Group of Study on Social Report; actually component of the GBS "Permanent Forum of Universities").



As Professor of public and non-profit management, healthcare and culture management in several University Courses and Masters, she is specialized in the development of platforms for distance learning (FAD).

She has collaborated with several national and international organizations, including: ISTAT, Network for Rehabilitation REHA Ticino, ABIServizi S.p.A., FIASO, FORMEZ, Cittalia - ANCI Ricerche, IFEL, Italia Lavoro S.p.A., CEFPAS.

SAVES PROJECT - Promoting the reduction of Energy Consumption and Carbon Emissions in Student Halls by means of energy saving competitions and GREEN IMPACT – a framework for student and staff engagement in the broad field of sustainability

Joanna ROMANOWICZ, National Union of Students UK

Joanna Romanowicz has a BA (Hons) in Human Sciences from the University of Oxford, and an MSc in Environment, Science and Society from University College London. She has worked in a variety of public, private and third sector organisations in a sustainability role (focusing on behaviour change and carbon reduction), including London School of Economics, Greater London Authority, AECOM and various other organisations. For the past five years Joanna Romanowicz has worked for the National Union of Students of the United Kingdom, on various award winning environmental programmes and is currently leading on the SAVES behaviour change project across five EU countries, working with 17 universities.



Enabling student-driven change towards sustainability through student-led and staff-supported sustainability hubs

Sara RIZZO

Sara Rizzo is Environmental Engineer and holds a Phd in Transition Engineering, with a focus on Life Cycle Assessment applied to saving resources non-conventional building technologies. She is freelance collaborator at DICAM - Engineering and Architecture School, University of Bologna.

She has expertise in the field of Environmental, Urban Resilience and Urban Green Technologies, Sustainability systems-related projects. Since the foundation of Transition Experiment of "Terracini in Transition group" in 2014, she participated to the Guide Team as co-founder and facilitator, coordinating as coach and facilitator several events, like meetings, cineforums, debates, students living-lab.

Dario COTTAFAVA

Dario Cottafava is Lot & Smart City researcher within the Physics Department (UNITO) and Prologic Informatica with the Lagrange Research Fellowship. Currently he is researching "Open Source Building Energy Management Systems & Real time consumption Monitoring". He got a double master's degree in "Physics of Complex Systems" at Polito, the École normale supérieure de Cachan in Paris and the SISSA in Trieste, a master in "Materials for energy and environment" at UNIPMN. He is a winner of the "Export Talent" fellowship, and of the "Creathon 2015" at Lubec, with InsideArt, a Serious Game project for Cultural Heritage.

He is co-founder and promotor of GreenUnito, an interdisciplinary network for a sustainable University within the University of Turin, and co-founder of Crea.Lab Torino, NGO focused on linking arts, design and science. He is passionate about the creative approach to new technologies and the OpenSource philosophy: new innovative ideas rise up linking dots in an unusual way.