

Booklet

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Workshop and Working Group Facilitators
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Speakers

Carlos Alvarez-Pereira



Carlos Alvarez-Pereira is Founder and President of Innaxis Foundation & Research Institute (Madrid, Brussels); CEO of Telenium (Spain); CEO of Texelia (Switzerland); and Chairman of the Board of CXP Group (France and Germany). Carlos is dedicated to promoting research on socio-technical paradigm shifts towards sustainability, as well as applications of complexity theory to the domains of transport, energy and health. Previously, he founded or chaired several consulting companies in Spain, Switzerland, France and Germany, with capabilities in strategic advice, expert assistance, project management, and systems integration and maintenance. He has also been a lecturer and researcher in Applied Mathematics at the Polytechnic University of Madrid (UPM). Carlos is now active in the Spanish Fulbright Alumni Association, of which he has been Vice-President and whose monthly conferences he organizes, and in a wide network of more than 40 Alumni Associations of American and European Universities.

Prof. Ugo Bardi



Prof. Ugo Bardi is Professor in Physical Chemistry at the University of Florence (IT). He is the author of a number of books and articles on the subject of mineral resources and their depletion, among which the 33rd report to the Club of Rome titled "Extracted" (2014) and "The Limits to Growth Revisited" (2011). He is also founder and former president of the Italian section of Association for the Study of Peak Oil and chief editor of "Biophysical Economics and Resource Quality". Ugo's work focuses on promoting a sustainable transition to renewable energy on the basis of a quantitative energy yield analysis. In his blog "Cassandra's Legacy", he examines among other things the "Seneca Effect", a biophysical interpretation of the collapse of complex systems. Ugo lives in Fiesole (IT) with his wife Grazia.

Prof. Peter G. Brown



Prof. Peter G. Brown is a Professor at McGill University. Since the 1980s he has focused on the thought systems that legitimate and facilitate the decline in the ability of the Earth to support complex life. He is principal investigator of the "Economics for the Anthropocene" project. His books include "The Commonwealth of Life" and "Right Relationship: Building a Whole Earth Economy" (with Geoffrey Garver). Before coming to McGill, he was Professor of Public Policy at the University of Maryland's graduate School of Public Policy where he founded the Institute for Philosophy and Public Policy, as well as the School of Public Policy itself. Named "Tree Farmer of the Year" in 1995 in Garrett County (Maryland, USA), Peter is a Certified Quebec Forest Producer, has served as the "Steward" of Walker Pond in Hancock County (Maine, USA) and helped to found major conservation organizations in Maryland and Quebec. Peter is a member of the Religious Society of Friends (Quakers).

FLORENCE, ITALY - SEPTEMBER 7 TO 13

Prof. Tim Jackson



Prof. Tim Jackson is an ecological economist and playwright. He is Professor of Sustainable Development and Director of the Centre for the Understanding of Sustainable Prosperity at the University of Surrey. From 2004 to 2011, he was Economics Commissioner on the UK Sustainable Development Commission, where his work culminated in the publication of "Prosperity without Growth – economics for a finite planet" (Routledge 2009/16) which became an internationally renowned text in sustainability and was subsequently published in 16 foreign languages. In addition to his academic work, Tim is an award-winning dramatist with numerous radio writing credits for the BBC.





Dr. David C. Korten



Dr. David C. Korten is an American author, lecturer, engaged citizen, former professor of the Harvard Business School, political activist, prominent critic of corporate globalization, and a student of psychology and behavioral systems. He is president of the Living Economies Forum, board chair of YES! Magazine, co-chair of the New Economy Working Group, and the author of several influential books, including the international bestselling When Corporations Rule the World and The Great Turning: From Empire to Earth Community. His work centers on defining a system frame for and path to a new economy in which life is valued more than money and power resides with ordinary people who care about one another, their community, and their natural environment. He earned MBA and PhD degrees from the Stanford Graduate School of Business and worked for thirty years in international development in Africa, Asia, and Latin America. You can follow David's bi-weekly column on A living Earth Economy in YES! Magazine.







Graeme Maxton



Graeme Maxton is the Secretary General of the Club of Rome and the author of several best-selling books on economics and the environment. He was previously a regional director with The Economist Group in Hong Kong, spent many years with strategy consultants Booz Allen & Hamilton, with Citigroup and American Express, and was visiting professor at Cass Business School in London between 1988 and 2002.

<u>Reinventing Prosperity</u>, Graeme's latest book on how to solve the problems of unemployment, inequality and climate change, was written with Jorgen Randers and was published in 2016.



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Chandran Nair



Chandran Nair is the Founder and CEO of the Global Institute For Tomorrow (GIFT), an independent pan-Asian think tank based in Hong Kong focused on advancing a deeper understanding of global issues including the shift of economic and political influence from the West to Asia, the dynamic relationship between business and society, and the reshaping of the rules of global capitalism. He is a bio-chemical engineer by training and was chairman of Environmental Resources Management (ERM) in Asia Pacific until 2004, establishing the company as Asia's leading environmental consultancy. For more than a decade he has strongly advocated a more sustainable approach to development in Asia, advising governments and multi-national corporations to instill these principles into their policies and key decision making processes. Chandran's book Consumptionomics: Asia's Role in Reshaping Capitalism and Saving the Planet was ranked as one of the top-fifty

breakout capitalism books by The Guardian and has been translated into Chinese, German and Bahasa.

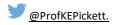
Prof. Kate Pickett



Prof. Kate Pickett is Professor of Epidemiology at University of York and a trustee of The Equality Trust. Kate's research focuses on the social determinants of health, in particular the links between inequality, wellbeing and sustainability. She co-authored, with Richard Wilkinson, the bestselling book "The Spirit Level". Kate was awarded a 2013 Silver Rose Award from Solidar for championing equality, the 2014 Charles Cully Medal of the Irish Cancer Society, and the 2015 Alexander Morison Medal from the Royal College of Physicians of Edinburgh

She sits on the Scientific Council of Inequality Watch, the Scientific Board of Progressive Economy, the Steering Committee of the Alliance for Sustainability and Prosperity. She is also a member of the Human Capital Research Working Group of the Institute for New Economic Thinking, a Fellow of the RSA and of the UK Faculty of Public Health. Previously,

Kate was a UK National Institute Health Research Career Scientist from 2007-2012.



Prof. Jorgen Randers



Prof. Jorgen Randers is professor emeritus of climate strategy at the BI Norwegian Business School, where he works on climate and energy issues, scenario analysis and system dynamics. He lectures and advises widely all over the world for corporate and non-corporate audiences.

Jorgen Randers has spent his working life in academia, business and in the NGO world. He has been chair of three banks, and non-executive member of many corporate boards in Norway as well as deputy director general of WWF International. He sits on the Executive Committee of the Club of Rome.

He has written a number of books and scientific papers. He co-authored <u>The Limits to Growth</u> in 1972 and its sequels in 1992 and 2004. In 2012 he published "<u>2052 – A Global Forecast for the Next Forty Years"</u>, which is now available in 8 languages in 150.000

copies. <u>Reinventing Prosperity</u>, <u>Jorgen's</u> latest book on how to solve the problems of unemployment, inequality and climate change, was written with Graeme Maxton and was published in 2016.

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Kate Raworth



Kate Raworth is an opinion leader and the creator of the Doughnut of social and planetary boundaries which, since being first published by Oxfam in 2012, has gained widespread international recognition, helping to shape the United Nations' Sustainable Development Goals. She is currently writing Doughnut Economics: seven ways to think like a 21st century economist, to be published by Random House in spring 2017.

Kate is a senior visiting research associate and lecturer at Oxford University's Environmental Change Institute, and a senior associate of the Cambridge Institute for Sustainability Leadership. She was previously senior researcher at Oxfam, co-author of the UN Human Development Report, and a fellow of the Overseas Development Institute in Zanzibar. She holds a first class BA in Politics, Philosophy and Economics and a MSc in Economics for Development, both from Oxford University.



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Prof. Luca Toschi



Luca Toschi is a tenured professor of Sociology of Cultural and Communication Processes at the University of Florence and director of the Center for Generative Communication (CfGC) in which researchers from different areas and disciplines are studying and experimenting the new paradigm of generative communication. He is a member of the Sustainable Mobility research unit at the University of Florence and worked as a consultant for various public and private companies as well as government agencies. Toschi teaches Generative Communication in Theories of Communication, in the PhD school of Sustainable Management of Agricultural and Forestry Resources and in the Master in Management and Marketing of wine-growing companies.

Dr. Mathis Wackernagel



Dr. Mathis Wackernagel is co-creator of the Ecological Footprint and CEO of Global Footprint Network, an international sustainability think-tank. The think-tank advances an economy in which all can live well, within the means of one planet. It proposes the Ecological Footprint, which tracks how much nature we use and how much we have, as an accounting tool. Mathis has worked on sustainability on six continents. His awards include the 2015 IAIA Global Environment Award, the 2013 Prix Nature Swisscanto, the 2012 Blue Planet Prize, the 2012 Binding-Prize for Nature Conservation, the 2012 Kenneth E. Boulding Memorial Award of the International Society for Ecological Economics, the 2011 Zayed International Prize for the Environment, an honorary doctorate from the University of Berne in 2007, a 2007 Skoll Award for Social Entrepreneurship, and a 2006 WWF Award for Conservation Merit. From 2011 to 2014 Mathis was also a visiting professor at Cornell University.

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Prof. Ernst Ulrich von Weizsäcker



Prof. Ernst Ulrich von Weizsäcker has been Co-President of the Club of Rome since 2012. At the beginning of his career, Ernst served as professor and director of several universities and institutes, such as the UN Centre for Science and Technology for Development. In 1991, he became founding President of the Wuppertal Institute, which developed into a leading think tank on energy efficiency, material flows and climate policy. From 1998 to 2005 he was Member of the German Bundestag, chairing the Committees on Globalization and the Environment. He then served as Dean of the graduate School of Environmental Science and Management at the University of California. In 2007, he was appointed Co-Chair (with Ashok Khosla) of UNEP's International Resource Panel.

Ernst is lead author of three Reports to the Club of Rome: Factor Four (1995), Limits to Privatization (2005), and Factor Five (2009). He lives in Emmendingen with his wife

Christine, President of Ecoropa, and has five children.

Anders Wijkman



Anders Wijkman is an opinion maker and author. He is co-president of the Club of Rome, chairman of the Swedish Association of Recycling Industries, and member of the Board of the Swedish Development Authority (SIDA). In January 2015 Anders was appointed chair of the Swedish Cross-Party Committee on Environmental Objectives. The most immediate task is to develop a strategy for a low-carbon society in 2050. Anders has served as a Member of the European Parliament, Assistant Secretary-General of the United Nations and Policy Director of UNDP, Secretary General of the Swedish Red Cross and Director General of the Swedish Agency for Research Cooperation with Developing Countries. Anders is a member of the Swedish Royal Academy of Sciences, the World Future Council and the International Resource Panel. He is honorary doctor at Linköping University (2011). His most recent book "Bankrupting Nature" — with co-author Professor Johan Rockström — was published by Routledge in 2012.



Tatiana Yugay



Tatiana Yugay is Professor at the Plekhanov Russian Economic University (international investment, financial and investment security, corporate finance).

She has gained experience at different universities and research institutes as well as the Embassy of the Republic of Korea in Russia and the Security Council of the Russian Federation.

She is an expert in gas and oil supply, including all the geopolitical and strategic issues involved.

Workshop and Working Group Facilitators

Dr. Iñigo Capellán Pérez



Iñigo Capellán Pérez is an industrial engineer specialized in energy. He holds a double diploma from the University of Valladolid (Spain) and Arts-et-Métiers (ENSAM, France). He completed a Research Master in "Electrcial Energy and Sustainable Development" in ENSAM-Lille (France). Since 2010 he has been developing and applying dynamic energyeconomy-environment models at the University of Valladolid (i.e. WoLiM).

In 2016, he completed a PhD in Economics with the dissertation "Development and Application of Environmental Assessment Modelling Towards Sustainability" at the University of the Basque Country (UPV/EHU). His research interests focus on the analysis and modeling of the energy-economy-environment systems, the transition to renewable energies in the context of the depletion of fossil fuels and climate mitigation and the technical and social transformations towards sustainability

Florian Carl



Florian is an activist, campaigner and researcher currently working under the executive management of the Earth System Governance Project at the Lund University Centre for Sustainability Studies, Sweden. He has long been engaged in various NGO's and CSO's, working on issues related to environmental justice, inequality, and the economy. Addressing these issues, he recently co-initiated a new international campaign group called "Reclaim Our Economy". His research focuses on question around Money, winning a scholarship for his final thesis titled "Re-evaluating Money: Exploring Conceptual Boundaries".

His practical experience combined with an interdisciplinary research background in Development, has provided him with both a broad insight as well as a versatile skill set

in order to create change. Florian has been involved in the Reclaim Economics campaign by the Club Of Rome since September 2016, and will facilitate the working group "From Thought to Action – How to reclaim economics?".



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Marina Clauser



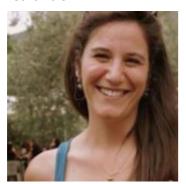
Botanic Garden "Giardino dei Semplici", University of Florence



http://www.msn.unifi.it/vp-244-orto-botanico.html

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Sara Falsini



Sara Falsini is an academic at the University of Florence at the department of Chemistry "Ugo Schiff". Her research interests include Cancer Research, Cell Biology and Molecular Biology.

Katherine Hermans



Katherine Hermans is co-founder of the Global Changemakers. The program empowers youth to catalyse positive social change by providing them with skills, contacts, opportunities and a global network of like-minded people.

She recently completed her dissertation on youth-led development at the University of Cambridge.

Gianna Innocenti



University of Florence · Museum of Natural History M.Sc. Natural Sciences



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Amanda Janoo



Amanda Janoo is an Alternative Economic Policy Expert and Advisor to governments and international development organizations. Her work aims to enhance the capacities of governments to craft goal-oriented economic policy packages inline with their development objectives. Prior to becoming an independent policy consultant, Amanda worked at the United Nations Industrial Development Organization (UNIDO) supporting government's with evidence-based industrial policy design for inclusive and sustainable development. As a Fulbright Research Scholar in India, Amanda researched the relationship between international trade and employment generation. She has worked throughout Asia and Sub-Saharan Africa promoting greater economic self-determination and empowerment. Amanda graduated from Cambridge University with an MPhil in Development Studies.

Clara Marinelli



Business Development Director at Frilli Gallery (Sculpture Art Studio in Florence Since 1860)

www.frilligallery.com

www.guildofthedome.org

Dr. Davide Natalini



Davide Joined the Global Resources and Risk theme of the Global Sustainability Institute as PhD researcher in 2013. Davide holds a BA in Political Science — International Relations from the University of Bologna, Italy and an MA in Political Science — Environmental Economics and Environmental Policies from the University of Torino, Italy.

During his Masters' he developed a computer model (Agent-Based Model) to evaluate the consequences of different policies to increase the sustainability of the US commuting sector. This research was part of a larger project between University of Torino and Collegio Carlo Alberto called 'Green Economy Research on the Mediterranean Environment'. Davide is also currently engaging with Cambridge School of Arts and a group of artists from the Cambridge e:collective to set up a long-term project involving long-term collaborations between artists and scientists.

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Jordi Solé Ollé



Jordi Solé Ollé earned his PhD from the the BarcelonaTech (UPC) and is an expert in Marine Science.

He published more than 26 scientific papers and participated in 16 research projects.

Giovanni Petrini



Co-founder and president of 'SEMELE Società Cooperativa'.

Chiara Soletti



Chiara Soletti is interested in the social consequences of climate change, with particular regard to minorities and gender issues. The commitment to this field leads her to participate in the most significant events on the theme, from the Convention of the Parties (COP) of the United Nations Framework Convention on Climate Change (UNFCCC) of Paris onwards.



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Dr. Katherine Trebeck



Katherine is Senior Researcher in Oxfam's Research Team where she is exploring an economy that delivers social justice, good lives, vibrant communities and which protects the planet. Her forthcoming book 'Arrival' (co-authored with Jeremy Williams) explores a new mantra for development that shifts attention from growth to quality and distribution of economic activity as we seek to 'make ourselves at home' in a wealthy world. Katherine has a PhD in political science from the Australian National University. She is an Honorary Professor at the University of the West of Scotland, Senior Visiting Research Fellow at the University of Strathclyde, and was part of the GIZ Global Leadership Academy's New Economic Paradigm project.



Organizers

Elisabetta Cortelli



Elisabetta Cortelli was born in Florence where she studied foreign literatures at the University.

She has been collaborating with Professor Ugo Bardi's Research Group as secretary and administrative assistant since 2007.

She has been working in Italian school as teacher.

(She loves animals -she is cats addicted- and nature in general, walking, reading, Italian cinema. She is a teen daughter mom).

Daniel Reinhardt (Project and Communications Manager)



Daniel Reinhardt has been working for the Club of Rome as a Project & Communications Manager since 2016. He studied economics and international politics in Nuremberg, Budapest, and Vienna. Prior, he has worked with diplomatic representations and chambers of commerce in Ghana, the United Arab Emirates, and Austria. Next to his native language German, Daniel speaks English, French, Dutch, and a little Mandarin.



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Alexander Stefes (Executive Director of the Club of Rome)

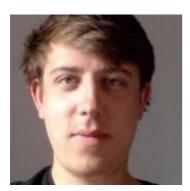


Alexander is 35 years old and has been working with the Club of Rome for eight years. He is a graduate from the Institut d'études politiques de Paris ("Sciences Po"), a five year study program focused on the full-range of the social sciences, Public policy, International Relations, Economics and Political Economy. He holds a Master's Degree in International Affairs, and has spent one year at the University of Wisconsin in Madison, where he studied communications/journalism and worked for six months at the American University of Central Asia in Bishkek (Kyrgyzstan). Before joining the Club of Rome, he has worked as a journalist for the Franco-German TV network Arte, reporting on European Affairs and the Elections in 2009.



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Till Kellerhoff (Project and Communications Manager)



Till is 25 years old and Project & Communications Manager at the Club of Rome since September 2017.

He studied Politics and Economics in Germany and Mexico and International Relations Theory at the London School of Economics (LSE).

Prior, he has gained work experience at the German Embassy in London, the Campaign for a United Nations Parliamentary Assembly in New York and the Federal Ministry for Economic Affairs and Energy in Berlin.



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Participants

Mischa Aeschlimann



Mischa Aeschlimann was born in the canton of Bern in Switzerland; educational background: bank apprenticeship followed by a secondary two-year trainee program at UBS, at present studying environmental sciences at ETH Zurich; work experience: Retail Banking, Corporate Banking, Wealth Management, Operations, Investment bank, conception and execution of #glueckistteuer

in

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Silvan Aeschlimann



Silvan Aeschlimann was born in the Canton of Bern, Switzerland. He is the author of two novels relating to sociopolitical issues such as growth and sustainability: "Glück ist teuer" and "Ungehört". Educational background in economics at the University of St. Gallen. Currently working as a journalist for a local TV station in Zürich.



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Joscelyn Attenborough-Jone



Joscelyn Attenborough-Jone is a sustainable supply chain coordinator for a FTSE100 company in Royston, UK. She manages the company's disclosures around conflict minerals within their supply chain and has helped create a code of conduct for their suppliers. She is now working with the suppliers to help them meet this code and therefore she carries out regular audits on their environmental performance, health and safety practices, business ethics and labour rights.

Joscelyn has experience in contaminated land assessments and sustainability data analysis from previous jobs.

She studied Environmental Science at the University of Portsmouth in the UK after having been brought up in rural northern France. She is very much interested in higher level sustainability.



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Simone Balestrini



Simone Balestrini is a 27 year old real estate broker from Rome (Italy). It is his seventh year in the property business. He graduated in Economics from La Sapienza

University with a thesis titled "Chaos and Complexity theories in economic systems", then spent a sort of "gap year" at the Mathematics Faculty from the same University and completed his Master Degree in Quantitative Finance in Rome. He would like to upgrade his career in the CRE (commercial real estate) Finance industry but is at the same time very passionate about a lot of other fields like Philosophy, Physics, Quantum Physics, Complexity, Global Economy and Geopolitics etc. Club of Rome – Summer Academy colud be an exciting opportunity to interact with open minded people and discuss global themes like Global Economic Governance, Climate Change, Demographics, Over Population as well as the future (probable) outcomes for the Human Being these events could involve.



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Elisa Bardazzi



Elisa is currently enrolled in a MSc in Economics and Development at the University of Florence. In October 2015 she completed a Bachelor Degree in Economic development, socio-sanitary international cooperation and conflict management at the University of Florence with a thesis on child wellbeing and different measurement methods. In January 2016 Elisa attended a workshop on Urban processes and requalification of Less Developed Countries' cities in Delhi and Lucknow. She spent the fall semester of 2016 at Meiji University in Tokyo, Japan.

Main interests: Sustainable development, Environmental sustainability, Climate change adaptation and mitigation, Sustainable food system, Sustainable dietary patterns.



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Jonathan Barth



Jonathan Barth holds a bachelor's degree in engineering and is currently enrolled in the master's program "Environmental Modelling" at the University of Oldenburg (Germany) with a focus on environmental and resource economics. He is engaged in the German association "Network for Pluralism in Economics", since his coordination of the German media campaign for the "International Call for Pluralism in Economics" in 2014. Jonathan is co-founder and member of board of the just launched "ZOE-Institute for sustainable and inclusive economies". The institute aims at exploring the growth "addiction" of our economies and develop new economic solutions especially for structurally weak regions. The issue of (post-)growth economies and related strategies to become "agonistic about growth" is one of his major research interests. He contributes his knowledge on these topics in the "Think Tank 30", the junior organization of the German Association of the Club of Rome and the "Sustainable Money Research Group".



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Chiara Battistoni



Chiara Battistoni is a Systemic Designer currently pursuing a PhD in Management Production and Design at Politecnico di Torino (Italy) since November 2016, working with the Systemic Design Research Group in the Department of Architecture and Design. Since the bachelor degree in Industrial Design and the master in Ecodesign (now "Systemic Design, Aurelio Peccei"), she is actively interested in sustainable environmental design, and her main line of research centres on the territorial potentialities reached thanks to the Systemic Design Approach. She had the possibilities to start to explore this research field in the master thesis and collaborative projects like research fellow. Currently she is also collaborating in the European project Interreg Europe called RETRACE - A Systemic Approach for Regions Transitioning towards a Circular Economy, lead by Politecnico di Torino.



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Enrico Battocchi



Enrico is a WordPress plugin developer. He has been interested in the issues of resource depletion and climate change since 2006, following the activities of the Italian chapter of ASPO.

Since 2014 Enrico has been involved in Buongiorno Livorno ("Good morning Livorno"), a local political party, unaffiliated to any national organization. The party platform is an ongoing, work-in-progress research about the future of our city: its industrial complex (automotive, heavy machinery, oil refinement, thermoelectric plant) being dismantled at alarming pace with unemployment skyrocketing, leaving behind huge environmental and health issues; its fishery facing overexploitation crisis; its seaport a shadow of the past, marginalised by globalization, desperately trying to survive on unsustainable mass tourism in the shape of gigantic cruise ships. Very few people seem to have a clue about the predicament of this "canary in the

mine", and they face the hard task of helping shifting policies, language and minds towards new territory.

Margherita Bellanca



Bianca is a student, currently enrolled in a MSc in Economics and Development at the University of Florence. In December 2016, she completed a Bachelor Degree in Economic Development and International Cooperation at the University of Florence with a thesis about the possible application of the Emission Trading Systems in the Developing Countries. During her Bachelor Degree, Margherita spent one semester at the University of Reading, thanks to the Erasmus Programme. Besides the study, she spends her energy in social activities, as volunteering in different associations and political participation. Main interests: Sustainable Development, Climate Change adaptation and Mitigation, Economy of Resources, Political Economy in Developing Countries, Multi-dimensional Well-being.



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Edith Bernhard



Edith grew up on an organic farm in Switzerland. From when she was a kid, she loved nature and was fascinated by environmental topics. She studied economics and interdisciplinary ecology, and worked in academic research and public administration, in areas ranging from climate change mitigation policy to international trade and agriculture. For six years, she lived and worked in Africa, as an independent consultant and a project manager. She gained hands-on experience in both development project implementation and policy advice, in the fields of rural development and renewable energy. She enjoys gardening, inspired by the ideas of social and agricultural permaculture. Edith quit formal employment two years ago to spend more time with her kids. She now aims at working as an economist who makes a meaningful contribution towards a humane and environmentally sensible economic system. Edith lives in a village outside of Bern, Switzerland.

Vegard Beyer



Vergard is a student of communication & social design (B.A.) at The Hochschule Niederrhein in Krefeld, Germany.

He has worked with social startups at Impact Hub Barcelona, helped with various projects like a German refugee-citizen coordination platform and directed his first few festival-screened short films. Vergard's studies include marketing, copywriting and visual communication, which he intends to use effectively to help reach sustainable consumption and production.

Currently, Vergard is developing an informational website on the LtG and assisting in the founding of an agency that supports CSR. During and after his MA, he'd love to work with and for institutions like the CoR, CSCP or others addressing the challenges facing humanity.

Vergard thinks that marrying good science and clear communication would be very helpful in reclaiming the economic system. The World3 model did not incorporate change resistance - the current frontier of system dynamics.



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Lisa Hanna Broska



Lisa is currently in the final year of her MBA in Energy and Resource Economics at Freiberg University of Mining and Technology.

Before returning to her home country, Germany, for a Master's programme, she studied three years in Moscow's Gubkin Russian State University of Oil and Gas, where she learned not only about the oil and gas business, the subtle uniqueness of Russian culture and the Russian language, but was also confronted with social issues of a dysfunctional economic system and the blatant disregard for nature and the environment. Those experiences led her to make environmental economics her Master degree's main focus.

After completing several internships at energy companies, she now works as a research student at the Chair of resource economics and is a recipient of the Deutschlandstipendium, the National Scholarship Programme of Germany.



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Giulio Campagnoni (Italy)

Francesco Capezzuoli



Francesco is 28 years old and from Florence, Italy. Throughout his studies, Francesco got a scientific background integrated with a multidisciplinary expertise in environmental management, developing a keen interest in pursuing a career in the sustainability, climate and waste management sectors. He is a member of the NGOs Italian Climate Network and Zero Waste Italy. He was Observer Delegate at the UNFCCC negotiates ADP 2.10 (Bonn), COP21/COY11 (Paris) and APA1/SB44 (Bonn). Francesco participated to the MEDCOP22 in Tanger. He writes technical reports on the UNFCCC negotiations and events, and articles about waste management and climate change. Currently, he is in the team responsible for the "School Project" of ICN and coordinator of the local section of Florence. As an Advocate and activist for Zero Waste Italy, Francesco is particularly interested in waste prevention and recycle practices and their application in urban contexts.



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Gabriel Carmona



Gabriel Carmona (Colombian) is an Environmental and Sanitary Engineer, Master in Energy Efficiency and Industrial Ecology. PhD researcher in Sustainable Energy Systems at MIT-Portugal and the University of Lisbon. His work is focused in developing the concept of material services and its trade-off with energy services. His preferred tools include MRIO and life cycle assessment (LCA).



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https://goo.gl/iv2m9o

Marco Cataffo



Marco Cataffo is a Graduate Student at the Politecnico di Torino University and about to start his Ph.D in "Design, Production and Management". His master thesis was on the "Theory and History of Systemic Design".

He spent the last year researching on regenerative cultures and whole systems at Dartmouth College's "Rauner Library" and at the former "Donella Meadows Institute", Vermont. Later on, about sustainable and common-oriented economic models at UCLA, with the guidance of Professor Roberto Peccei.

Beyond the project he is currently working on, he is deeply interested in knowledge-mapping, information-architecture and data-visualization, as tools to produce a "whole-knowledge-framework".

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Elisa Cecilli



Kessler.

Elisa Cecilli is a researcher and strategist with 10 years' experience in strategic insights and future thinking. With a background in Economics, she has studied in Rome (Università degli Studi Roma Tre) and Trento (Trentino School of Management) and worked in Montréal – as an academic researcher at Université Québec à Montréal and London, where she lives since 2010. She researches and consults for international companies and organisations to equip them with knowledge and tools to navigate the future and its complexity, and help them identify new business opportunities. Elisa writes for global design trends publication Viewpoint and online magazine FBK - Future Built on Knowledge, recently launched by Trento-based Fondazione Bruno



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Luciano Celi



Luciano Celi holds a degree in Philosophy of Science (University of Pisa) and a master in scientific journalism at ISAS (International School of Advanced Studies) in Trieste. In 2013, he achieved a second master in Internet technologies promoted by the Faculty of Computer Engineering and the Institute of Computer Science and Telematics of National Research Council. He wrote four books on science communication and several papers.

During 2012-2016 he coordinated the <u>Areaperta Committee at National Research Council in Pisa</u>, which deals with scientific research initiatives for the Pisa Research Area. Together with Anna Vaccarelli, he is author of the Scientific Broadcast Radio Broadcasting "Radio Aula 40"

Since 2015-16 he has been working on a PhD at the Department of Civil, Environmental

and Mechanical Engineering at the University of Trento with an project on energy.

Areas of interest: Energy, Peak Oil, Ecology, Epistemology, Epistemology, History and Science Disclosure.

Jacques Chartier-Kastler



Jacques Chartier-Kastler is a student in second year of the Frontières du Vivant Bachelor at the Center for Research and Interdisciplinarity (CRI), in Paris, learning math, biology, chemistry, informatics and physics. Studying in a "laboratory for innovative pedagogy" helps him to learn skills on communicating and teaching about climate change & biodiversity loss. He is currently trying to see which way is the most efficient to take part in the environmental transition, he created an ecology club at the CRI. Passionate about science, environment and energy, he created a Facebook page to raise awareness on these issues a year ago, and is an editor on Jean-Marc Jancovici's Facebook page. Jacques is also very interested in cooking and a theater actor and author since 12 years. He is also a boy scout and therefore used to leading social-impact projects. Jaques is engaged in several environmental associations, such as Adrastia, Avenir Climatique and The Shift Project.



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Supot Chunhachoti-Ananta



Supot is currently a lecturer in sustainable tourism management program at International College for Sustainability Studies, Srinakharinwirot University in Bangkok, Thailand. His background is environmental science and management; however, he did not practice it that much. Supot, then, did further studies in ecotourism, and renewable energy. He found out quite late that he is more interested in the intricacies of social and environmental complexity where humans and nature interact. So, Supot went to work with an NGO against large hydropower projects, a social enterprise publisher on a gross national happiness movement project, an innovative consultancy in government projects related to social enterprise promotion, electronic government, and electronic justice system. His interests are in sustainable energy transitions, community-driven business, and green social economy.

Gianni Comoretto



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Gianni is an astronomer, mainly involved in building astronomic instruments. He has good skills in electronic and simulation of complex systems, that he uses to experiment with electric mobility, solar energy, energy storage. He is member of a grassroot cooperative for the production and distribution of clean energy. Gianni is interested in resource depletion, and a member of the Association for the Study of Peak Oil. He uses his scientific formation to popularize environmental topics. He was in charge of a monographic issue on climate changes for the Italiana skeptic society (CICAP), and related about topics in web pages and bulletins. Gianni was deeply involved in the Italian peace movement. During the Balkan war, he was active in a relief group in Croatia/Krajna. He is part of the movement for a fair economy, with fair trade initiatives, local banking experiences and the Italian ethical bank (Banca Etica).

Alexandru Cosmin Buteică



Alexandru Cosmin Buteică has been working as an analyst for the World Bank for the past 4 years, part of the Environment and Natural Resources Global Practice for Europe and Central Asia, focusing on climate change technical assistance and sector investment lending programs. Prior to this, he worked in the corporate banking industry in Amsterdam and Bucharest, focusing on sustainability, corporate social responsibility, financial markets and wealth management.

Cosmin is currently pursuing a PhD in Economics, focusing on sovereign wealth funds and their potential role in green growth. He obtained his MScBA in Global Business and Stakeholder Management from Rotterdam School of Management, Erasmus University and his BSc in Economics from the Bucharest University of Economic Studies. He also studied in Santiago at the MBA program of Pontificia Universidad Catolica de Chile and travelled to Denmark, UAE and China to conduct research on environmental

sustainability good practices. Cosmin has served and is active in the boards of several NGOs, managing various national and international projects, focusing on youth education, social inclusion and entrepreneurship, as well as environmental and social development issues.



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Simon Dalcher (Switzerland)

Martin Deron



French-born, Martin Deron recently graduated from the University College Maastricht with a Liberal Arts degree and a focus on Economics, Politics and Sustainability. For the past 3 years, he has been an active member of the student initiative PINE UCM, which promotes pluralism in Economics via guest lectures, panel debates, workshops and conferences at Maastricht University.

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Mikko Dufva



Dr. Mikko Dufva is a research scientist at VTT Technical Research Centre of Finland Ltd working in the field of foresight. He has done projects and research related to the futures of work, platform economy, synthetic biology, forestry, mining and use of renewable energy. He is a Doctor of Science in technology and his dissertation was about knowledge creation in foresight from a systems perspective. He has broad methodological expertise ranging from systems thinking, decision analysis and optimization to interactive planning, scenario analysis and participatory methods.



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Gregor Erbach



Gregor works as a policy analyst in the European Parliament's research service in Brussels. He is specialised in climate change and energy policies. Previously, he worked as a researcher and project manager in language and information technologies. He holds a MBA from the Open University and a PhD from Saarland University.

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Azadeh Farajpour Javazmi



Azadeh did her Bachelors in Agriculture Engineering, specialized on Animal Science in Iran. To apply her knowledge in a male dominated society/sector and to demonstrate that also an educated female can face and deal with the farm's difficulties and problems in the real world, she started her voluntary work experience at a farm with 4500 cattle for 4 years.

This period on the farm strengthened her capability and self-confidence as well as triggered the thirst of gaining different knowledge on an international scale. Therefore, Azadeh started her Masters in "Sustainable International Agriculture" in a multinational country with a well-known agricultural system, Germany, to broaden her knowledge. One of her activities is participating in international conferences driving towards global issues such as sustainability and peace in Germany, Bangladesh, UN Vienna, UN Geneva, New Zealand, etc.

To explore these topics further, she is looking for a PhD position starting next year.

Gray Farris



Gray Farris is a graduate from the University of Tennessee at Chattanooga with a BS in Political Science and is currently finishing an MA in Economics from Middle Tennessee State University. He will be attending law school in August 2018 while earning another MA in International Relations. He authors a blog named *GRIPE* in which he explores the topics of Geopolitics, Religion, International Relations, Political Science, and Economics. The reinterpretation and outright changing global economy is something that he enjoys researching in his spare time and what has brought him to this academy. Among other things he loves reading non fictions books, running marathons, working at a part time job (TGI Fridays), and writing.

Felipe Fausto (Brazil)

Francesca C. Ferrara



forward to deepen.

Francesca is 23 years old and a third year student completing a Bachelor in "Economic Development and International Cooperation" at the University of Florence.

During these past years, thanks to her studies and to various experiences in international volunteering in Tanzania and Vietnam, she build up an interest in international relations and issues concerning inequalities, development, economic growth and sustainability.

Considering that such topics can be comprehended only in a global context, she thought that a semester abroad would be the perfect way to introduce her in such a setting, giving Francesca the chance to confront her with people from various parts of the world and with different backgrounds. So Francesca decided to apply for the Erasmus Programme and this year she had the chance to spend 6 months in Cork, Ireland. During this semester she developed a special interest in Climate Change, which she is looking

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Stefan Frehner



After completing his apprenticeship and subsequently working a full year as a car mechanic, Stefan Frehner spent half a year in Australia. When returning to Switzerland he started his Bachelor's degree program at the University of Applied Sciences in Lucerne. He graduated in summer 2015 with a Bsc in Energy System Engineering. Since the beginning of 2016 he is working as a research assistant at the University of Applied Sciences in Lucerne where he is also pursuing his master's degree focusing on thermal energy storages. Since the beginning of his studies, he devoted himself to issues such as the climate change, renewable energy systems and sustainability in general. He is an active person and enjoys spending time in nature.



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Yuri Galletti



Yuri Galetti is a marine biologist. He is a PhD student, winning two scholarships, one for the United States (GORI Fellowship, 2015) and one for Europe (Professionalità project 2017). The main goal of his PhD is to give information on the total atmospheric deposition of dissolved organic carbon (DOC) at the Lampedusa Island (Italy). The study of DOC dynamics and marine carbon cycle is very important in order to obtain information on the marine ecosystem healthy.

Yuri deals with divulgation for several years and he is an environmental educator for Legambiente Pisa. Since the last year he has been a professor of Chemistry and Biology for the Lagrange Scientific Training School of Torino (Italy) and professor of Marine Resource Management for the Master of Coastline Management at University of

Camerino (Italy). He is a member of the cooperative CAMBIAMO, dealing with climate change and circular economy.



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Maxime Gérardin



Maxime is an engineer with a pluridisciplinary education, who graduated in natural sciences (climate and hydrology). He works as a civil servant in his home country. He is also an activist, in a local organization that promotes cycling as a mode of transport. Regarding sustainability and finite-earth issues, he is convinced that the global material wealth will decrease in decades to come, and hopes to learn to cope with it - and why not to help society learn to cope with it. On a more economic note, he would be eager to understand why the "cost-share theorem" - that states that the cost-share of an input is proportionnal to its marginal contribution to production - is so false when it comes to



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Alena Goebel



Alena Goebel (Germany) is a recent Political Science (major) and Media Studies graduate from the University of Stirling, Scotland. Her studies included a semester abroad at the City University of Hong Kong, the Kosovo International Summer Academy 2015 and the United Nations Summer Academy 2017. She focused on international development, mainly on issues related to food security and rural development. Before beginning a Master's programme in Food Security, she will complete a 6 month internship with the German Corporation for International Cooperation in Lilongwe, Malawi. The project she will be working on is called "Food and Nutrition Security". It is part of the "ONE WORLD — No Hunger" initiative by the German Federal Ministry for Economic Cooperation and Development. She has previously completed an internship with the Global Marshall Plan Foundation, DESERTEC and the German chapter of the Club of Rome.

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Esra Grun



Esra Grun was born in Northern Germany in 1996. She grew up in a region where they wanted to build a disposal zone for nuclear waste and so she started early to think critically about environmental problems. In school years she began to work in an amnesty youth group and later she also became the group leader. After school, Esra started an apprenticeship as a nurse, but after a short time she realised, that it was not the right way for her. One year later she started studying political science and history in Osnabrück and today she is in the $2^{\rm nd}$ semester.



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Azar Hasanli



Azar Hasanli was born in 1992 in Baku, Azerbaijan. He graduated from Azerbaijan State University of Economics with a Bachelor's degree in International Economics. He received his Master degree in International Finance and Currency-Lending Relations from the same university. He is currently working at the Center for Strategic Studies under the President of the Republic of Azerbaijan where his main responsibility is conducting research and analyzes relating to macroeconomic issues and perspectives foreign economic relations of Azerbaijan. Professionally, his main research areas are macroeconomic and sustainable development issues, international economics, developmental economics and geo-economics. During university years and professional activity his articles were published in various academic journals in and abroad country. He took part and was certified in a number of trainings and courses organized by IMF, World Bank, EU and etc.

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Jasmin Heilemann



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Jasmin Heilemann studied economics at the University of Konstanz. During her degree, she realized the importance to integrate sustainability-related themes in the profession and therefore joined oikos, a student organization for sustainability in economic teaching, what really inspired her to get active about this issue. The idea of creating a more sustainable economy brought Jasmin to work for several social businesses. Whether it was for MORE THAN SHELTERS in Hamburg, a social enterprise in the field of social design solutions for refugee camps, or Keepod, a Tel Aviv based high tech startup connecting more people around the world to personal computing, she loved the idea of putting principles before profit and growth and thereby contributing to transform the economy. To further deepen her knowledge about this, she is going to start a master in sustainability management at the University of Leipzig in October.

Friederike Hippe



Friederike Hippe was born on January 30, 1997 in Hildesheim, Germany. After graduating from School in summer of 2015, she lived for one year in South India, Tamil Nadu and worked as a volunteer in a school. In fall of 2016, she started studying social science with a major in political science at the University of Osnabrück. For many years, she has been a member and activist of Greenpeace Germany. With her work for the Pallottine volunteer programm MaZ, she supports the intercultural dialogue by training young people for their year abroad.



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Lea Hurlin



Leo Hurlin is German born but has been living in the UK for a while, mainly in London. She studied Law both in Germany and the UK and works in dispute resolution in the finance sector. Apart from that, she is leading a project about sustainability in corporate governance – as she believes the involvement of businesses and markets is essential for a change towards a more sustainable and fair future.

Lea is hoping to make great contacts with motivated and likeminded people to push both economy and society to much needed new beginnings.



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Mario Iannotti



Mario lannotti has been an advisor at the Ministry for Environment since 2015, with a long term expertise in environmental and green energy matters. He is presently with the Directorate for Sustainable Development, European Union and International Affairs where he is involved with environmental economics with a focus on subsidies, taxation and environmental accounting policies. In his role, Mario is partly responsible for the drafting of reports and presentations as well as meeting with international experts, politicians and various stakeholders in the national green industry. He is Vice-Chair to the OECD/WPCID (Working Party on Climate, Investment and Development) and a member of the scientific committee of 2nd Energy Symposium organised by International Association for Energy Economics (IAEE).

His passion for environmental and energy issues, stimulates his work in tackling new challenges allowing him to elevate his skills and to share and disclose his training and experience in these years of work.

Balz Jäggi



Balz is a 25 year old activist and project initiator, born in Switzerland. His life is based on the decision to use his lifetime for the further development of humankind and for the conscious revolution of life.

After he finished his apprenticeship in social work in 2012, Balz went on a half-year bicycle trip, where he reached and overcame many physical and psychological boundaries. This turning point led him to cofound the movement "Bio für Jede" (organic for everyone) in 2013.

Many ups and downs brought the core team of the movement to the point where they dedicate their lives together to a further development of humankind. They are creating a strong center and ecovillage for applied system change. This will give them and many others a practical framework to really live and apply the tools of transition for the new story of humanity.



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Anja Janischewski



Anja is from Germany and studied Technical Mathematics (BSc) and several semesters of Environmental Systems Sciences in Graz, Austria. In her spare time she likes to travel by bicycle to foreign countries which she has done in a gap year after school and sometimes in summer vacation. Anja also likes fire juggling and music jam sessions. During the past year, she has been looking for ways to connect systems science and mathematical modelling with sustainability and social change. Therefore, Anja did two internships, one in the field of environmental serious games in Poland, and one in agent-based modelling at an environmental research centre in Germany. This autumn, she plans to continueher studies at the University of Warwick in England.



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Ayaka Jittrapirom



Ayaka is from Japan, completing an interdisciplinary master degree in Ecological Economics at the Vienna University of Economics and Business (WU). Currently, she is working on her master thesis on the Circular Economy in the Netherlands. Before she moved to Europe, Ayaka was working in Fukushima just after the Great Tohoku earthquake and NPP explosion. Experiencing multiple hazards in the affected area convinced her the needs of transforming current economic, political and social system. Japan is also famous for people dying from overwork, one of the most ageing population in the world and crazy urbanisation. She is keen to learn from everyone in the course about how to bring the transformation in the society for a sustainable future. Ayaka is also very active Buddhist, loves music, art, cooking and eating!



Abu Bakarr Kamara (Sierra Leone)

Ruben Emanuel Khan



Ruben was born on the 21st of July 1992 in Zuzwil (SG), Switzerland. After high school, he finished a business school in Basel, Switzerland during a period of three years in 2014. In slowly coming into understanding of how our current financial and economical system works, he decided to radically shift the future path that was built for him within a Capitalistic schooling system. His way led him to the "Youth Initiative Program". YIP is a holistic education program in Järna, Sweden. The purpose of YIP is to foster in young people a holistic understanding of the current challenges humanity faces and to empower them to use entrepreneurial principles and skills to create initiatives and change within themselves that meet these challenges while practising collaboration and moral integrity.

Sungil Kim (South Korea)

Mitzi László



Mitzi László is a neuroscientist and entrepreneur.

Previously she worked as a neuroscientist for a Brazilian epidemiology study funded by the Wellcome Trust looking into decision making and particularly into health behaviours. She then went on to set up a data analytics and preventative healthcare company – Innit.

Mitzi is an expert advisor to the European Commission to design the financing strategy for innovation across Europe. She is driven to create systems that drive positive change across Europe and bring research ideas out of the lab and into our everyday realities. Mitzi builds business models that align financial incentives with health incentives — hard analytics into nudges. Personal data trading is fundamental to individuals taking ownership of their behaviour and democratising global power structures. Data is the currency of tech, which is why she founded Innit Foundation that allows people to

extract the value of their data without compromising identity privacy.



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Ana Regina Lacayo Marquez



Ana Regina Lacayo comes from Managua, Nicaragua. She is an Industrial Engineer with a Master's degree in Environmental Management and Auditing. Currently, Ana is concluding a second Master's degree in International Cooperation, Public Policy and Development in Madrid, Spain. In Nicaragua, she acquired technical experience as a cleaner production consultant, working with industrial resource efficiency. Furthermore, she has worked in Vienna, Austria within the UN- system focusing on green economy projects in Latin America.

Ivana Lazarovski



Ivana Lazarovski started her higher education at the Faculty of Political Sciences in Belgrade with a major in International Relations. In the final year of her studies she went to an exchange program at Sciences Po in Paris, where she graduated and achieved a certificate in Social Sciences and Humanities. During this period, she did an internship for Global Rights Compliance, International legal partnership, focused on training and implementing Humanitarian Law and Human Rights around the globe. After coming back to Belgrade, she enrolled in a master's program in International Security Studies, for which she has achieved an OSCE scholarship. She got accepted to an exchange program at La Sapienza University of Rome, where she will finish the last semester of her MA studies.

Currently, she is working as a youth Ambassador and Coordinator for the II International Conference on Future of Education, which will take place in Rome in November this year. For the achievements she gained while working on this project, she became a Junior Fellow of the World Academy of Arts and Sciences.



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Ilaria Losa



Ilaria Losa graduated in power system engineering and analyses topics related to the transformation of European energy grids. She works as a researcher in the Italian research center on Energy System and participated in several European initiatives aimed at investigating the challenges that the European energy system must overcome in order to be able to achieve the ambitious targets of energy transition set by the European energy policy acts. She developed a sound knowledge of the technical, societal, economic and regulatory problems that must be solved in order to ensure a sustainable development of the European countries while maintaining the sustainability of our economies. She would like to build on this experience and to have the possibility to meet and discuss with the experts that are addressing the issue of energy transition and sustainability; to better understand the theories of limit of growth, sustainable economy and circular economy

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Alberto Mata Rodríguez



Alberto Mata Rodríguez is the Director of the Legal Department in Spain of Deutsche Pfandbriefbank AG, leading European specialist bank for real estate financing and public investment finance. He previously worked as an associate of the Banking and Capital Markets Department of Gómez-Acebo & Pombo Abogados.

He has also worked as an extern of the Financial and Fiscal Law Unit of the International Monetary Fund (IMF) and has collaborated with the World Bank as a contributor of the Doing Business Report in 2015, 2016, and 2017.

His expertise areas are real estate finance, acquisition finance, asset finance (including tax leases), project finance and restructuring and corporate finance matters.

Alberto has a degree in Law (J.D. equivalent) and a B.B.A. from Universidad Carlos III de Madrid. Furthermore, in 2013 he pursued a LL.M. in Securities & Financial Regulation at Georgetown University.



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Tom Millross



After graduating as a Systems Engineer and enjoying life for a while, Tom settled into coding and database stuff professionally. He developed on the Microsoft tech stack, in his home city of London.

Having come to terms with the imminent climate breakdown, Tom decided to seek out solutions whilst transforming his personal consumption patterns and habits (the journey continues).

He's now halfway through an Industrial Ecology MSc in the Netherlands. This year Tom will guide the sustainability initiatives of TU Delft as chairperson of their 'Green Office'; help to teach a modelling and data analysis course; and develop a thesis related to Lifecycle Assessment, supply chain open data & industrial transparency (hopefully!).

Archish Mittal



Archish Mittal is an entrepreneur, innovator, philanthropist & buddhist and the cofounder of R Ventures Capital, Amsterdam, a Non-Profit aimed at supporting initiatives aimed at the integration of refugees. He is a strong supporter of "Dialogue" and has conducted several Cross-civilisational dialogue in business, academia, public institution, and youth organisations.

As a philanthropist he supports education, technology and culture. He is the director of Lotus Learning Foundation (LLF) based in New Delhi, which is family run foundation that supports the education of over 500 students in rural areas in North India. As an advocate for next generation philanthropy he is an active member of Nexus, which is a global movement of 2000+ young people from over 70 countries working to increase and improve philanthropy and impact investing by bridging communities of wealth and social entrepreneurship. He holds a degree in Investment & Financial Risk Management from the Cass Business School London.

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Manuel Herrador Muñoz



Colleagues define Manuel Herrador as a passionate ideas-creator with an interdisciplinary background in Smart Cities, ICTs, Sustainability, Microalgae and Circular Economy. More than 5 years of experience in the Management of Smart City initiatives between Spain and Argentina. Worked at the EU-Japan Centre for Industrial Cooperation in Tokyo preparing a Research paper on Policy Analysis regarding the Microalgae sector and Circular Economy.

Strong educational background and scientific production in the GGGJ Research Group. MsC in Computer Science, Master in Photovoltaic Technologies, EMBA, International PhD in ICT and Erasmus Mundus "EurekaSD" post-doc. Received numerous awards in form of Grants and Fellowships. Owns 2 patents (1 pending: "Microalgae-based Autonomous Photobioreactor"). Speaks Spanish (native), English (high), Portuguese (medium), German (basic) and Japanese (basic).

Manuel currently lives in Jaen (Spain), looking for opportunities in the EU, Japan and the South East Asia region, related to Smart Cities, Circular Economy and possible Entrepreneurship alliances.

Nicolás Mandeau



Nicolás Mandeau is currently in the process of completing a Master's degree in International Cooperation, Public Policy Management and Development Programs/Projects, in Madrid. His thesis is concerned with critical theories concerning "development", and alternative proposals in this regard. Previously he has studied Political Science, as well as Comparative Literature in Vienna. As far as professional occupations are concerned, Nicolás has practiced in a variety of jobs. He supposes "some better, some worse" would be a fair assessment. Most of them have been related to politics, whether through journalism, international organizations, NGOs or education.



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Roberto de Manincor



CONVENTIONAL / STANDARD LIFE	Subject	My SECOND LIFE @ Challenging the current Unsustainable Economic System
Roberto de Manincor 58 yrs Italian Verona, Italy	NAME AGE NATIONALITY Place of living	"Rob" de Manincor (aka Rob Wisehand)
Quality System Manager and Consultant; (project) Documentation specialist	TAGLINE	Downshifter; Sustainable Degrowth Advocate and Activist (ASOS / MDF-Italia); Permaculture enthusiast/apprentice farmer; ECG-facilitator; (preparing to be a) Transitioner and "Resilient Community" builder; LtG/Collapse/Predicament/PO/DeepEcology (etc.) - "Bibliopathe"
Experienced Quality System Manager with a demonstrated history in the IT and services industry. Skilled in QS-Management, Analytical Skills, BD/CRM, as well as preparation of Project/Process/Product Documentation.	SUMMARY	Inspired by Denis Meadows: "It is too late for sustainable development, we must raise resilience", I have been working on myself first for a profound/holistic change and now towards building resilience at small community level, while trying to preserve the discipline and valid experiences/skills I can bring into this "different world/paradigm shift" from my (still partially current) "more conventional life". This also comprehends a "re-setting" in my approach to permanent education and training, e.g. certified from "ECG-Economy for the Common Good" — Institute in Italy as ECG-facilitator; courses on Generative Welfare; PDC etc.

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Mariana Mirabile



Mariana Mirabile is an economist/statistician working on climate mitigation issues at the OECD Environment Directorate. Prior to the OECD, she worked at the UN World Food Programme School Feeding Unit. She holds a PhD in Economic Development, Finance and International Cooperation, a Master's Degree in Statistics, and a Bachelor's Degree in Finance. She is an Italian Argentine national. On her free time, she enjoys playing drums, football and tennis, and is trying to understand how she could contribute to positive change in the world!

Joséphine von Mitschke-Collande



Programme Manager at Innaxis, MSc in International Relations from University of Bristol and Graduate in Political Science from Pantheon Sorbonne, University of Paris. Joséphine is specialized in the management of research projects covering sustainability issues from a holistic systemic perspective and engaged in large scale societal transformation. She has a long experience as project manager in international multipartner environments and as organizer of conferences, seminars and dissemination activities regarding sustainable development issues. She has been working for 5 years at the Club of Rome International Centre as a research analyst and project manager, and previously at several international organizations such as the European Commission, the UN and UNESCO.

Emanuele Negro (Italy)

Philipp Neuerburg (Germany)

Keimpe Nevenzeel



Many organizations, global and regional, are managed by people who are concerned about the environment and sustainability like most of us. As Management Consultant Keimpe helpx organizations to develop and realize a fact-based sustainable strategy. Here, sustainable relates to both organizationally sustainable and environmentally sustainable. Although these two forms of sustainability increasingly overlap, within our current economic system there remains some inherent tension between the two. As author for the Institute of Business Value (IBM's Think Tank), he analyzes ways in which organizations can effectively improve their sustainability. Currently, Keimpe advises on developing a fact-driven approach as basis for a major environmental impact mitigation program of a global energy corporate. Before joining IBM he graduated in Astrophysics at the University of Groningen, where he also lectured & tutored.



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Faustine P Nyanda



When young people experience eco-social and economic exlusion, it is not uncommon for their lives to grow strong and prosper. Faustine's great passion is to empower African Youth both ecosocially and economically with correct and complete information that will encourage them to stay in Africa and contribute to their home countries, assist in problem solving, decision making and improving opportunities and standard of living. Faustine helps his people by bringing about changes in global perception, legislation, policy and practice which provide the overarching framework for global eco-social and economic integration through the African Union and it's Regional Economic Communities (RECs) and other international organizations/ institutions. His academic background includes a Bachelor degree in Business Administration with a major in Finance and Economics and minor in International Management from the United International Business Schools (UIBS) in Zurich main campus. He also has a certificate in Animal Healthy and Production/ Agriculture from Madaba Livestock Training Institute in Tanzania.



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Marco Olobardi



working to avoid collapse.

Marco Olobardi was born in Genoa, Italy, where he currently lives. He holds a degree in Physics from the University of Genoa.

Marco has worked in the Information Technology sector, starting with Italian firms, then moving to international Corporations, like Digital Equipment, Compaq Computers, and Hewlett Packard. He has worked in different company functions, from Engineering to Marketing, to Sales and to Services, covering different professional roles. Lately specializing in Business Continuity and IT Disaster Recovery Services, as Solution Architect and Consultant.

Mario is married and has a son.

Hobbies and sports mainly related to the sea, like swimming, scuba diving and underwater photography. Fan of Science, Humanist and Skeptic.

Worried about the future of our civilization. Willing to connect with like-minded people



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Tobias Orthen



Tobias is an academic staff at the Research Institute for Applied Knowledge Processing/n (FAW/n) in Ulm. During his PhD in economics he is mainly dealing with interdependencies of globalization and sustainability. Right now, the focus is on inequality, climate change and a Marshall Plan with Africa.

His interest in how world domestic policy, world ethics and an eco-social marked economy are interrelated was sparked in 2008 - by people that originally were mathematicians or physicists by training. So, he studied physics and later graduated in nuclear and particle physics. Voluntary commitment lead to becoming a member of the Federation of German Scientists. To explore other peoples' perspectives, Tobias spent some time at CERN, Geneva, and studied in Tokyo to intensively learn and experience Japanese language and culture.

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José Luis Palacios Encalada



José Luis Palacios Encalada holds a master's degree in Renewable Energy from the University of Oldenburg.

He is an author and co-author of publications about energy efficiency in steam systems, statics energy converters and liquid metals for Concentrating Solar Power Systems (CSP). He made a research stay at the Karlsruhe Institute of Technology (KIT) in Germany.

Currently, he is working on his doctorate at the Research Centre for Energy Resources and Cosumption (CIRCE) in Spain. His research is about the thermoeconomic optimization of mining/metallurgical processes with special focus on Latin American countries.

Luca Pardi



Born in Turin in 1957. Chemist. Specialized in magnetism and magnetic materials, Electron Paramagnetic Resonance sectroscopy at high magnetic field is employed as researcher at the Research National Council. In 2003, thanks to Ugo Bardi, LP discovered the problem of Peak Oil and got involved in the subject of the sustainability of global civilization. LP tried since then to give his contribution in order to make the energetic and ecologic predicaments of Homo sapiens enter the political agenda at a local and national level. Diffusion of scientific culture and public education about energy, economy and the environment are presently an important component of LP activity. LP is president of ASPO- Italia.

Emile Piccoli (Italy)

Kathrin Pleines



"What makes a child gifted and talented may not always be good grades in school, but a different way of looking at the world and learning" (Chuck Grassley).

Kathrin's educational background includes a First State Examination in Politics/Economics and English and a B.A. in Political Sciences and Administration from the University of Konstanz, Germany. Having graduated from the University of Konstanz in June 2017, she is now waiting for her practical teacher training to begin in January 2018.

Her vision is to enable her future pupils to not only study historical dates and learn numbers merely by heart but to also develop a deeper understanding of the complexity of global challenges. New insights gained during this Summer Academy may provide Kathrin with ideas encouraging her students to explore the connection between individual decisions and global consequences and to raise growing awareness for each individual's personal responsibility.



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Kate Ann

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Renato F. Rallo



Born and raised in Rome, Renato studied mechanical engineering and is now doing a PhD in Environment, resources and sustainable development. His research focus is on urban sustainability and complexity. More "on the ground", Renato has been working with several NGOs for international cooperation projects in Latin America, mainly in the field of renewable energy and energy efficiency; new projects will start soon in Africa. In the last two years, he has also been representing an international NGO in UN conferences (COP, Habitat, etc.).



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Renato Francesco Rallo



Renato F. Rallo

Sabin Roman



Sabin Roman is a researcher at the University of Southampton developing mathematical models aimed at understanding how societies collapse. His work up to now includes models for the collapse on Easter Island, of the Classic Maya and of how coupled societies can be more robust against collapse. He has also looked into the topic of social and economic inequality from a game theoretic perspective.

Previously, Sabin Roman did a master in mathematical physics at Edinburgh University, studying to become a particle physicist. He had a change of direction once he became more environmentally aware. He studied system dynamics on a research stay at the University of Bergen and realised the power of mathematical methods beyond the

application to physics, and decided to use them to quantify large-scale societal dynamics. In the long term, he would like to contribute in building an alternative framework for economic theory, beyond the neoclassical paradigm.

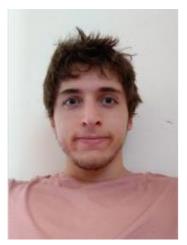


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Giovanni Ruggero Facchini



Giovanni is a 2nd year Economics & Business student at LUISS Guido Carli. He dreams about making his contribution to the establishment of a sustainable economic system, able to allocate resources in such a way as to protect the environment, reduce inequality and favour social justice. He has recently participated in a two-week project with 'Legambiente', one of the most important Italian environmentalist associations. He is also planning to join 'Green Challenge', the student environmentalist association at LUISS. The first Club of Rome Summer Academy is a chance for him to unleash his creativity and discuss ideas that will surely influence his studies and future work.



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Stefania Romano



With a Public Policy background and a broad international professional experience in the environmental field, Stefania Romano has worked on behalf of the Italian government, seconded to international environmental organizations, providing advice and support to environmental processes, channeling policy dialogue for targeted objectives such as knowledge management, green growth and sustainable investments. Her work experience has been mostly run in developing countries (Serbia, Brazil, Turkey, Jordan), where she has managed projects on resources management (financial resources, inventory, human skills, production resources). Currently partnering up with China partners, she is delving into the Asian culture, its environmental challenges, methodologies, and instruments for identifying relevant solutions.

Grégoirse Roos (France)

Laura Saputelli



Laura was born in Lucerne, Switzerland in 1990. She is currently finishing her Master's degree in Environmental Engineering at ETH Zürich. In her studies she focused on ecological systems design and waste management. However, she has always had deep affinity for arts and creativity. In this summer academy Laura sees the opportunity to combine science and arts as essential ingredients to challenge our present unsustainable system and is looking forward to exchange, interact and connect with enthusiasts with a similar mindset. Furthermore, she is eager to gain knowledge about linkages of today's challenges from experts of different fields and develop tools to create a movement to take action now. This exchange on a multidisciplinary level will not only broaden one's horizon but also encourage to cooperate between different fields. Finally, Laura is convinced that only through building a network, inspiring and supporting each other we can grow and drive a change in the world.



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Soheil Shayegh



Soheil Shayegh is a Marie Sklodowska-Curie fellow at Fondazione Eni Enrico Mattei. Prior to his fellowship he was a postdoctoral research scientist at Carnegie Institution for Science at Stanford University. He got his PhD in Industrial Engineering from Georgia Institute of Technology in Atlanta. His PhD thesis was on stochastic modeling for integrated assessment models of climate change and economy where he focused on developing new tools and approximation algorithms for optimal greenhouse gas emission mitigation policies. During his postdoc, Soheil focused on designing integrated assessment models that include solar geoengineering as an alternative policy. He was also involved in a collaborative project with researchers at Brown University to develop a climate economic model with induced technological change and population growth. His current research project at FEEM is focused on robust climate policy in the face of various uncertainties in climate modeling and observations.



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Katy Shields



Katy is 36, originally from Scotland, and now lives in Vienna with her husband and their three young children. She studied economics and languages in Glasgow before moving to Austria via France in 2003. Until 2009 Katy worked at the Economist Intelligent Unit as an analyst and advisor to companies in eastern Europe, Middle East and Africa, latterly running the research team for that region. From 2008 to 2010 she led the team that developed the Siemens Green City Index, an assessment of over 100 cities in relation to their policies and progress in tackling pollution and climate change. Since 2010 Katy has worked as an independent researcher and project manager for a variety of organisations on myriad global topics, but especially related to urban sustainability and energy efficiency. In 2015 she

completed an online MSc in economic policy, with specialisation in environmental policy.

Cristoforo Simonetta



Cristoforo Simonetta is a graduate of European Studies from the University of Florence. During his years of study, he participated in different exchanges abroad, in particular South Korea, Poland and Belgium. Outside of his studies, Cristoforo was always involved in different NGOs since he was a High School student. In fact, he took part in the activities of Friends of Earth, ESN, AEGEE, JEF and BETA. He was particularly involved in BETA e.V., a Youth European Association. Cristoforo has founded the Italian branch of the association last year and was elected Vice-President at European level. Despite his specialization, he was always interested to learn about new topics not directly linked with his studies. For this reason, this Summer academy represent for him a unique opportunity to meet new young talented people from across the world and learn more about the challenges of our society.

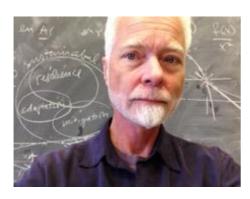


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Brian Stewart



Brian is a professor of physics at Wesleyan University in Middletown, Connecticut, USA. His research specialty is the study of molecular collisions -- the interface between chemistry and physics. He teaches courses on a wide variety of topics in physics, including dynamical systems. An increasingly important sideline for him is learning and communicating what is known about the connections between population, resources, and pollution. For the past ten years, Brian has given an annual public lecture on this subject at his university, using current events to help people connect the abstract ideas to their own world. Brian is very excited to participate in the Club of Rome Summer Acacemy and hopes that it will enable him to further improve his ability to share these crucial ideas with others.

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Felix Swiatek (Germany)

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Qi Sun



Growing up in China, Qi Sun is the generation who witnessed the environmental deterioration along with rapid economic growth. After undergraduate studies in Beijing, she came to Europe for an Erasmus Mundus master program at Cardiff University and Radboud University Nijmegen. In 2016, she did a traineeship at the European Commission DG Mobility and Transport. Currently, she is doing a PhD at Eindhoven University of Technology in the Netherlands. She is passionate about all topics on sustainable urban development to make urban habitats sustainable and livable.

Cross-cultural background makes her a global citizen who understands that nations need to work together when facing challenges like climate change. As an outside-of-the-box thinker, she realizes that there needs to be a paradigm shift from GDP oriented development towards improving human well-being. She would like to work with change-makers around the world to push for such a revolution.



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Oliver Taherzadeh



Oliver is a PhD student at the University of Cambridge interested in the study of resource pressures driven by modern consumption and production systems. His PhD aims to systematically understand the interdependencies between water, energy and land use in terms of the resource stocks, flows, and decisions that connect different actors within the global economy. Oliver primarily uses input-output analysis to capture such interactions and trace the downstream environmental impacts associated with upstream consumption in different sectors and countries. Having previously worked as a policy analyst at the Stockholm Environment Institute, he is also interested in examining the institutional barriers and entry points for integrated resource management of the water-energy-land nexus. He looks forward to engage with and learning from academics and practitioners on such areas.

Armin Thaler



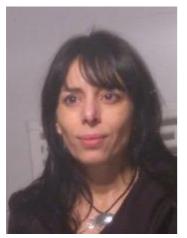
"Rather stumble on new paths than stepping on the old tracks." – This quote from a famous mountaineer combines Armin's drive for thinking in new ways, gain knowledge every new day in life and his passion for nature and the mountains. Growing up in Tyrol his life has always been dedicated to sports and spending time in the mountains, climbing and skiing. As he was getting older, Armin got interested in politics and global economy. He started to realize, that everyone can contribute to sustainable development and tackle the challenges of modern society and nature. He started his share in gaining knowledge through his university studies and landed in the field of business. In his studies, Armin tried to connect economically with sustainable thinking. His educational background includes a Master in industrial engineering with focus on innovations and a bachelor in business informatics.



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Alba Valverde



Alba's background is in Mathematics and Philosophy, with a PhD in Geometry and Topology. After several years teaching Mathematics and doing research in the Faculty of Science at the UNED University in Spain, she pursued another of her interests earning a MA from the Museology Department of the Amsterdam School of the Arts. Nowadays Alba is assistant professor at the Faculty of Economics in Universidad Autónoma in Madrid, where she teaches mathematical modules.



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Michael Vielberth (Austria)

Mirco Vogelsang (Germany)

Maurizio Vrenna



Maurizio Vrenna is a PhD student in Management, Production and Design at Politecnico di Torino, Italy. Being saturated with various environmental and social issues, has raised his awareness of the urgent importance of a sustainable development which cannot be realized without a profound change of the current patterns, concrete actions and targeted projects. In the last years, he maturated academic and working experiences in Sweden and China, designing sustainable products and services for local communities. His career objective is to serve as an expert in the field of Systemic Design, through the implementation of "Blue Economy" projects. He believes in the creation of meaningful impact through proper research, creativity and new business models.



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Tobias Wegmann (Germany)

Kai Whiting



BSc in Environmental Science and Technology, MSc in Environment and Business and European Master in Renewable Energy. Currently, a PhD researcher in Sustainable Energy Systems at Instituto Superio Técnico (Lisboa). Previous work include research and editor at International Centre for Small Hydropower (UNIDO) in China and member of the civil society table and technical support group for EITI-Colombia (Extractive Industries Transparency Initiative). Kai enjoys investigating Sustainable Energy and Materials with the help of Python via Pandas and Matplotlib.



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Anastasiia Zagainova



Anastasiia recently graduated from an Erasmus Mundus joint Master's degree in Industrial Ecology (University of Graz, Austria; University of Leiden and Delft University of Technology, the Netherlands). She is passionate about sustainability with a focus on the building industry. In her further research, she wants to explore whether degrowth is possible in the housing sector, and what would be the consequences of such a transition.

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