



**ELEEP - US Study Tour:  
CLIMATE CHANGE ADAPTATION  
IN CALIFORNIA**

**Los Angeles, California  
05 – 10 March 2017**



ELEEP is funded by the European Union  
and the Robert Bosch Stiftung.

**Robert Bosch Stiftung**

## List of Participants

	Name	First Name	Organization
<b>Staff</b>			
1	Bennett	Daniel	Atlantic Council
2	Gruenig	Max	Ecologic Institute, DC
3	Maxter	Melissa	Ecologic Institute, Berlin
<b>Participants</b>			
4	Afeworki	Salem	Value Sustainability
5	Borgogno	Damiano	United Nations Development Program
6	Daykova	Mariana	Micro Energy International GmbH
7	Denjean	Benjamin	ICATALIST S.L.
8	Elkin	Julia	California State Coastal Conservancy
9	Franke	Alexander	German Advisory Council on the Environment
10	Herrmann	Victoria	The Arctic Institute
11	Illes	Andrea	Institute for European Environmental Policy
12	Jammal	Sam	Solar City
13	Karimova	Fidan	Water Environment & Reuse Foundation
14	Leite	Ricardo Baptista	Portuguese National Parliament
15	Modelewska	Marta	European Bank for Reconstruction and Development
16	Sieben	Bram	USEF Foundation and Alliander NV
17	Smith	Adam	Southern California Edison

## Program

# ELEEP - US Study Tour 2017

Los Angeles, California

05 – 10 March, 2017

Sunday, 05 March 2017		
9:50 – 5.30	Arrival in Los Angeles, check-in at hotel: (please be mindful that transport from airport to hotel is self-pay)	Aventura Hotel 1020 Fedora Street Los Angeles, CA 90006 Tel: (213) 386-1020
5.35– 5.55	Transfer to Restaurant	Walk to Metro – Line 28 Olympic/Fedora 5.44 - 4 Stops to Western/ Olympic walk to restaurant
6.00– 8.00	Welcome Dinner at El Cholo (Metro back to hotel leaves at 7.17, 7.42, 8.07)	1121 S Western Ave, Los Angeles, CA 90006 (323) 734-2773



Monday, 06 March 2017 – <b>Bring Photo ID for OCWD Tour</b>		
06.40	Meeting in Lobby of Hotel	
6.45 – 7.00	Transfer to The Grain Café	4222 W Pico Blvd, Los Angeles, CA 90019
7.10 – 7.40	Breakfast	
7.45 – 8.50	Transfer to Southern California Edison	2244 Walnut Grove Ave, Rosemead, CA
9.00 -10:30	Meeting with <b>Adam Smith</b> . Presentation about SCE and adaption	
10.45 - 11.45	Transfer to Fountain Valley, CA	
11.50 – 12.45	Lunch at Mimi's Café	18461 Brookhurst St Fountain Valley, CA 92708
12.45 – 1.00	Transfer to Orange County Water District	18700 Ward Street Fountain Valley, CA 92708
1.00 – 3.00	Presentation that is followed by a tour of the facility The Orange County Water District (OCWD) is a California special district that manages the groundwater basin beneath central and northern Orange County, California. The groundwater basin provides a water supply to 19 municipal water agencies and special districts that serve more than 2.4 million Orange County residents.	
3.15 – 4.15	Transfer to Los Angeles Cleantech Incubator (LACI)	525 S Hewitt St Los Angeles, CA 90013
4.30 – 6.00	Tour the facility, meet LA 24 and YPE	
6.00 – 8.00	Dinner	Food truck

Tuesday, 7 March 2017 – <b>Bring Photo ID for access to LB Port</b>		
06.30	Meeting in Lobby of Hotel	
6.30 – 6.45	Transfer to The Grain Café	4222 W Pico Blvd, Los Angeles, CA 90019
6.45 – 7.15	Breakfast	
7.20 – 8.30	Transfer to the Long Beach Port to meet with Kat Janowicz	TBD
8.30 – 10.00	Kat will join us in the bus and give us a tour of the port.	
10.15 – 10.30	Security screening Long Beach Port Authority	4801 Airport Plaza Drive Long Beach, CA 90815
10.30 – 11.30	Port staff will give presentations/ discussions about Port of Long Beach operations, Climate Action and Resilience, Energy, Water Quality.	
11.30 – 12.20	Lunch and discussions	
12.30 – 1.15	Transfer to Los Angeles Metropolitan Transportation Authority (Metro)	1 Gateway Plaza Los Angeles, CA 90012
1.30 – 2:50	After an Introduction by Dr. Cris Liban about the Metro and its sustainability programs, there will be the following presentations: <ul style="list-style-type: none"> <li>• Andrina Dominguez: Adaptation and Resiliency Efforts</li> <li>• Candace Lee: Design Criteria and Specification Updates</li> <li>• Alexander Cantwell: A Case Study of Implementation – Purple Line Extension 3</li> </ul>	
3.00 – 4.00	Union Station Sustainability tour	
4.00 – 5.30	Transfer to Dinner location	Zinc Café 580 Mateo St Los Angeles, CA 90013
6.00 – 8.00	Dinner with <b>Ms. Steinbrenner</b> from the German Consulate L.A.	
8.00 – 8.45	Transfer back to hotel	1020 Fedora St Los Angeles, CA 90006

Wednesday, 8 March, 2017 <b>Bring Photo ID for Carlsbad Desalination</b>		
07.00	Meeting in Lobby of Hotel	
7.05 – 7.15	Transfer to The Grain Café	4222 W Pico Blvd, Los Angeles, CA 90019
7.15 – 7.55	Breakfast	
8.00 – 10.30	Transfer to Carlsbad Desalination <a href="http://carlsbaddesal.com/Websites/carlsbaddesal/files/Content/5748632/PW_Tour_Boards_48x96_012916_WEBv4.pdf">http://carlsbaddesal.com/Websites/carlsbaddesal/files/Content/5748632/PW_Tour_Boards_48x96_012916_WEBv4.pdf</a>	4600 Carlsbad Blvd, Carlsbad, CA 92008
10.45 – 12.45	Presentation and Tour	
12.45 – 1.00	Transfer to Swami's Cafe	2780 Carlsbad Blvd, Carlsbad, CA 92008
1.00 – 1.45	Lunch	
1.45 – 2.00	Transfer to Carlsbad Climate Adaption	1635 Faraday Ave Carlsbad, CA 92008
2.00 – 4.00	Presentations from Laura Engelen and Carl Stiehl	
4.30 – 6.00	Cardiff Beach with Eryan Sloan and Julia Elkin	
6.00 – 6.15	Transfer to Ki's restaurant	2591 S Coast Hwy 101, Cardiff, CA 92007
6.30 – 8.00	Dinner	
8.30 – 9.30	Transfer back to Hotel	1020 Fedora St Los Angeles, CA 90006

Thursday, 9 March, 2017 - <b>Bring Photo ID for L.A. Sustainability Office</b>		
07.00	Meeting in Lobby of Hotel	
7.05 – 7.20	Transfer to The Grain Café	4222 W Pico Blvd, Los Angeles, CA 90019
7.20 – 7.50	Breakfast	
7.50 – 8.50	Transfer to Panorama City	2944 Gleneden St Los Angeles, CA 90039
9.00 – 10.00	Meeting with Melanie Winter founder and director of The River Project in Panorama City	
10.00 – 11.00	Glendale Narrows Riverwalk with Melissa	
11.15 – 11.35	Transfer to Café Gratitude Arts District	300 S Santa Fe Ave, Los Angeles, CA 90013
11.40 – 12.40	Lunch	
12.45 – 12.55	Transfer to L.A. Sustainability Office	500 W Temple St, Los Angeles, CA 90012
1.00 – 2.45	Presentations from and with LA county sustainability office: Katy Young, and Gary Gero (Chief Sustainability Officer) City of LA sustainability office: Lauren Faber O'Connor (Deputy Chief), Liz Crosson (Water Policy Advisor)	
3.00 – 4.30	Transfer to SMURRF	1437 4 <sup>th</sup> Street, Suite 300 Santa Monica, CA 90401
4.30 – 5.50	Presentation by Bruce Reznik, ED LA Waterkeeper, and Gil Borboa, Santa Monica Water Resources Manager Tour of Santa Monica's Urban Runoff Recycling Facility, known as SMURRF	
5.50 – 6.00	Walk to Lula Cocina Mexicana	2720 Main St, Santa Monica, CA 90405
7.00 – 9.00	Dinner	
9.00 – 10.00	Transfer back to Hotel	1020 Fedora St Los Angeles, CA 90006

<b>Friday, 10 March 2017 – <u>participants, who fly out today need to check out before getting on the bus and have their luggage with them on the bus.</u></b>		
7.00	Meet in hotel lobby, check-out	
7.30 – 7.40	Transfer to The Grain Café	4222 W Pico Blvd, Los Angeles, CA 90019
7.45 – 8.15	Breakfast	
8.20 – 8.45	Transfer to TPL Green Alleys	129 E 53 <sup>rd</sup> St Los Angeles, CA 90111
9.00 – 10.00	Tori Kjer, TPL Green Alleys: Create parks and protect land for people, ensuring healthy, livable communities for generations to come	
10.00 – 10.15	Transfer to Wetland Park	5413 S Avalon Blvd, Los Angeles, CA 90011
10.15 – 11.15	The South Los Angeles Wetland Park is a new purpose-built nine-acre public park and sustainable storm water treatment wetland constructed on a former MTA Brownfield redevelopment site.	
11.15 – 12.00	Transfer to Four Daughters Kitchen	3505 Highland Ave, Manhattan Beach, CA 90266
12.00 – 1.00	Lunch	
1.00 – 2.00	Transfer to LAX – drop off	
2.00 – 3.15	Transfer to Hotel for participants, who extended their stay	1020 Fedora Street Los Angeles, CA 90006



## Participant Biographies



### Salem Afeworki

Program Director at Value Sustainability

Salem Afeworki, LEED Green Associate, ENV SP has 11 years of experience providing sustainability, climate change and community engagement services for infrastructure, transportation, mining and energy clients. She is an effective communicator and team leader skilled at ensuring that compliance, adherence to standards and impact targets are integrated as a fundamental part of successful projects. She possesses outstanding technical writing and interpersonal skills, and her strength is in thinking outside the box and suggesting holistic approaches to problem solving in planning, designing, construction, commissioning and operations phases of projects.

Salem started her career working for the United Nations Mission in Ethiopia and Eritrea (UNMEE) as a communication officer, and has worked as a climate change campaign manager for 350.org and as a sustainability professional for various Fortune 500 companies, such as KPMG and Jacobs Engineering Group. She was awarded the 2016 Urban Land Institute Orange County/Inland Empire Emergent Leadership Award for Engineering and received a Certificate of Recognition by Orange County Third District Supervisor Todd Spitzer. She has completed various professional and leadership programs with Massachusetts Institute of Technology and the University of California at Berkeley. She is a member of various industry groups in the United States, including the American Society for Civil Engineers, Urban Land Institute, and Women in Transportation Seminar.



### Damiano Borgogno

Climate Change Specialist and Coordinator at United Nations Development Program

Damiano is an economist whose professional goal deals with the design and implementation of policies, incentives and market instruments, under a framework of fact-based analysis, aimed at integrating green growth and climate resilient policies into broader economic policy making, development planning and poverty reduction strategies.

Having received his degree in Economics and Management at the University of Toronto, Damiano started his career in Italy as a financial strategic advisor, while later moving to work with UNDP as a climate change and energy expert, first in Honduras (2008-2011) and later in Costa Rica (2011-2015), where he also led the Low Emission Capacity Building (LECB) Program.

Since September 2015, Damiano has been the coordinator of the UNDP/UNEP Global Support Program, which provides support to more than 140 developing countries in the preparation of National Communications (NCs), Biennial Update Reports (BURs), as well as in the identification of priority areas for the implementation of Nationally Determined Contributions (NDCs). He is also a member of the Consultative Group of Experts (CGE) on national communications from Non Annex I Parties, which provides key technical support under the Climate Change Convention to assist developing countries parties in meeting their reporting obligations.



### Mariana Daykova

Consultant at MicroEnergy International GmbH

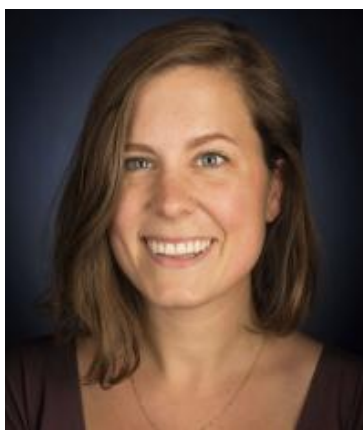
Mariana is a Consultant with MicroEnergy International GmbH, promoting climate-compatible development in emerging and transitional economies through innovative business models and technologies. Prior to this, she worked as a consultant and regional coordinator for a London-based carbon project developer, focusing on carbon asset origination under UNFCCC's CDM and JI. Mariana's work focuses on clean energy business development, project management, methodology and climate-related advisory, and training and capacity building. She is a Certified Expert in Climate and Renewable Energy Finance (Frankfurt School - UNEP Collaborating Centre.), MSc in Carbon Management (University of Edinburgh), and a double Bachelor in International Business (CEU Business School and Università Bocconi).



**Benjamin Denjean**

*Business Developer-Partner at ICATALIST S.L.*

Benjamin Denjean is a multifaceted environmental professional, engineer from the Ecole Centrale de Nantes and holds an MSc from NTNU Trondheim University. Along with the teams of the International Institute for Sustainable Development and Asia Centre, his work focuses on energy security, subsidies reform as well as public procurement policies. Entrepreneur by trade and cofounder with Tristan Macquet of Le Dapeng (乐大棚) in Beijing, he fosters the development of sustainable agriculture through education and short food circuit promoting the Farming city paradigm. He joined ICATALIST S.L in 2016 to develop climate change adaptation strategies through the nexus between disaster risk reduction, ecological restoration and cultural identities. Benjamin is concomitantly a Phd candidate at The Beijing Forestry University on new models to foster Natural Infrastructure development through ecological restoration.



**Julia Elkin**

*Project Manager at California State Coastal Conservancy*

Julia Elkin is a Project Manager with the California State Coastal Conservancy where she works with federal, state, and local partners to develop and implement coastal climate adaptation and public access projects in Southern California. Her particular interest is promoting nature based infrastructure as a means to increase urban resilience to drought and sea level rise. Prior to working in state government, Julia conducted research on national forest management for The Wilderness Society and developed public education programs for the Smithsonian Institution's Environmental Research Center. Julia received her MS in Environmental Policy and Conservation Ecology from the University of Michigan School of Natural Resources where she was a Wyss Scholar.



**Alexander Franke**

*Research Associate at German Advisory Council on the Environment*

Alexander Franke is a research associate at the German Advisory Council on the Environment (SRU), where he focuses on energy and climate policy as well as socio-ecological transitions and energy transition discourses. Alexander completed a postgraduate in political science with a specialization on energy transitions and environmental policy at the Free University Berlin. In 2012, he interned with the Heinrich-Böll-Foundation's office in Washington DC to work on the foreign perception of the German Energiewende. Alexander continued to work for the foundation's German energy transition project, which aims at explaining the German Energiewende to an international audience, from 2013-2015.



**Victoria Herrmann**

*President and Managing Director at The Arctic Institute*

Victoria Herrmann is the President and Managing Director of The Arctic Institute. In addition to managing the Institute and Board of Directors, her research and writing focus on climate change, community adaptation, human development, and resource economies, with a particular focus on Arctic oil and gas. She is a Gates Scholar at the Scott Polar Research Institute at the University of Cambridge, where she researches the political geography of the Arctic. 2016, Victoria is traveling across the United States for a National Geographic funded book on climate change stories, *America's Eroding Edges*, of which you can read more about at [americaserodingedge.org](http://americaserodingedge.org).

Victoria previously worked at the Carnegie Endowment for International Peace's Energy and Climate Program as a Junior Fellow. She was awarded a Eureka! Prize from the Baker Institute for Entrepreneurship in 2012 and a Fulbright Scholarship to Canada to pursue Arctic research in 2013. She is the author of *Arctic Melt: Turning Resource Extraction into Human Development* (2015) and has been published in many peer-review journals, including the *Polar Law Yearbook*, *Polar Record*, and *Polar Geography*. Her expert opinion has appeared on CNN, BBC, and NPR among others.



**Andrea Illés**

*Policy Analyst at Institute for European Environmental Policy (IEEP)*

Andrea Illés was born and raised in Budapest, Hungary but currently lives in London. After completing her BSc in Biology in Budapest at Eötvös Loránd University in 2010 she decided to fully dedicate herself to environmental and energy policy and since then she has been gradually developing her career in this field. Her first work experience was at Greenpeace Hungary where she was supporting the Climate and Energy Campaign. After this she worked on an energy efficiency project at the Centre for Climate Change and Sustainable Energy Policy at the Central European University in Hungary. In 2011, she enrolled at Imperial College London and in 2012 graduated with an MSc in Environmental Technology with a specific focus on global environmental change and policy.

After completing her degree she joined the Institute for European Environmental Policy (IEEP) in Brussels as an intern and since September 2013 she has been a Policy Analyst at IEEP's Climate and Environmental Governance Programme based in London. At the Institute, Andrea works on a wide range of pan-European policy research projects for EU institutions, Member State governments and other clients concerning environmental governance, the use of market-based environmental policy instruments, with a special focus on the potential for environmental tax reform in Europe, and the development of EU climate and energy policy. Her extensive involvement in such projects is also reflected in her long list of publications.



**Sam Jammal**

*Director of Policy and Regulatory Counsel*

Sam Jammal is Director for Policy and Electricity Markets and Regulatory Counsel for SolarCity. SolarCity is a clean energy company based in San Mateo, CA. Prior to joining SolarCity, Sam served as Chief of Staff to US Congressman Tony Cardenas (CA-29), where he managed the Congressman's offices in Los Angeles and Washington, DC and oversaw the Congressman's political and policy agenda. Sam served in the Obama Administration as a political appointee in the US Department of Commerce Bureau of Industry and Security and as Legislative Counsel to US Senator Michael Bennet. Upon graduating law school, Sam worked as a Legislative Staff Attorney for

the Mexican American Legal Defense and Educational Fund (MALDEF). Sam is licensed to practice law in the state of California.



**Fidan Karimova**

*Water Technology Collaboration Manager at Water Environment & Reuse Foundation*

Fidan Karimova is the Water Technology Collaboration Manager at the Water Environment & Reuse Foundation (WE&RF), in charge of bridging the gap between the WE&RF utility subscriber needs and available technologies in the market. She has an extensive knowledge of the innovation industry, having previously worked on helping entrepreneurs from around the world transition from idea to implementation phase. Fidan created a mobile app, called the Water Tracker, which records the amount of water used in people's daily lives. Fidan graduated from the University of Maryland with a Bachelor's degree in International Business and a Master's degree in Environmental Management. Most recently she successfully completed a three course certificate series in Water Management from Delft University of Technology.



**Ricardo Baptista Leite**

*Member of Parliament at Portuguese National Parliament*

Dr. Ricardo Baptista Leite is a Medical Doctor and Member of the Portuguese Parliament, where he sits on the Health Committee and on the Foreign Affairs Committee. He is Head of Public Health at the Institute of Health Sciences of the Catholic University of Portugal, Coordinator of the Sustainable Healthcare Unit at the NOVA Information Management School and Guest Lecturer at NOVA Medical School. He is also City Councilor of Cascais where he's responsible for local health strategy, economic diplomacy and international relations. Prior to being elected MP, he was a practicing physician during 7 years, including a 5-year Infectious Diseases residency and an internship at the World Health Organization Regional Office for Europe (Copenhagen). He also worked for a decade as a consultant at a multinational company in the field of health information technologies. PhD candidate in Public Health at Maastricht University having completed post-graduate studies in multiple universities including Johns Hopkins University, Harvard Kennedy School of Government and Harvard Medical School. Founder of CREATING HEALTH – Research and Innovation funding (<http://creatinghealth.ics.lisboa.ucp.pt>) and Co-founder of the Estoril Conferences ([www.estorilconferences.com](http://www.estorilconferences.com)). Volunteer work related with health, development and Patient organizations. Member of the European Leadership Network ([www.europeanleadershipnetwork.org](http://www.europeanleadershipnetwork.org)), European Young Leaders (Friends of Europe), European Young Leaders Forum (BMW Foundation), Emerging Leaders in Environmental and Energy Policy Network (ELEEP | The Atlantic Council), Chatham House (The Royal Institute of International Affairs) and ZEIT Stiftung Alumni. Author of the books "Citizenship for Health" and "Strategic Consensus on Integrated Management of Hepatitis C in Portugal", among other publications.



**Marta Modelewska**

*Principal, Climate Change Adaption at European Bank for Reconstruction and Development*

Marta is an infrastructure economist with over seven years of experience in banking and advisory services gained within major development banks. She specializes in the formulation and implementation of investment programs on infrastructure and resource efficiency, within the limits set by policy frameworks and commercial viability. Marta contributes to the EBRD's efforts in climate change adaptation, with a focus on the water sector and technical and policy dialog in Central Asia and South-Eastern Europe.



**Bram Sieben**

*Business Development/ Consultant at USEF Foundation and Alliander NV*

Bram Sieben is fascinated by the rapid changes in the current energy transition and herewith the urge for social innovation either in systematic changes as well as on a local level with active consumers and true innovators (disruptors). Bram loves change, especially driven by a valid business model and he is currently working the realization of a market for decentralized (energy) flexibility with the USEF Foundation in the Netherlands and in Europe. Previously, he has experience in the field of smart cities and the creation of effective, local ecosystems. Bram has worked for over six years with Alliander NV, the largest, Dutch energy network company and holds a MscBA degree from the Rotterdam School of Management.



**Adam Smith**

*Program Manager, Climate Policy at Southern California Edison*

Adam Smith is a Program Manager for Climate Policy at Southern California Edison. His areas of expertise include: climate and energy policy; environmental policy; sustainability; carbon markets; and transportation policy. Adam completed his undergraduate work at UC Berkeley and received a Masters of Science in Environmental Policy from the University of Oxford.

### Unit Conversions

Metric		Imperial
1 metre [m]		100 cm
1 kilometre [km]	1000 m	0.3937 in
0.30 m	12 in	1 foot (ft)
0.91 m	3 ft	1 yard (yd)
1.6 km	1760 yd	1 mile (mi)
1 kilogram [kg]	1,000 g	2.2046 lb
1 tonne [t]	1,000 kg	0.9842 ton
0.45 kg	16 oz	1 pound (lb)

### Basic energy metrics

<b>Electricity:</b>
1 KW = 3,413 Btu/hr
<b>Natural gas:</b>
1 Cubic Foot of Natural Gas = 1030 Btu's
1 CCF = 100 Cu Ft = 1 Therm = 103,000 Btu's
1 MCF = 1,000 Cu Ft = 10 Therms = 1,034,000 Btu's = 1.034 MMBtu's
1 Cu Ft Propane = 2,500 Btu's
<b>Gasoline:</b>
1 Gal Gasoline (mid grade) = 125,000 Btu's
<b>Ethanol:</b>
1 Gal Ethanol = 76,000 Btu's
<b>BTUs:</b>
1 Btu = 252 calories
1lb residential garbage = 2,500 Btu
1lb coal = 12,000 Btu
1lb wood = 3,500 Btu
1hp = 746 watts
1hp = 33, 479 Btu/hr (boiler)
1 watt = 3.412 Btu
1 kilowatt = 1,000 watts
1000 kilowatts = 1 Megawatt

### Currency: \$ to €

As of February 2017:

1 € = 1.063 \$

**Notice on Ground rules:** All conversation will abide by the Chatham House Rules, which indicate that information gathered in our conversations and interviews may be used and referenced, but never attributed to speaker nor institution, unless explicitly stated otherwise by said speaker and institution. We look forward to taking part in a week of frank dialogue, exchange drawn from experience, and respectful interactions free from personal agendas or in service of corporate interests.

## Important Contact Information

Important Contact Information	
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