

Partners and Sponsors



Media partners



SWISS-US ENERGY INNOVATION DAYS 2015

August 19 – 21, 2015, Zurich, Switzerland

DELEGATES' PROFILES

Adrian Altenburger

s i a

schweizerischer ingenieur- und architektenverein
société suisse des ingénieurs et des architectes
società svizzera degli ingegneri e degli architetti
swiss society of engineers and architects

Lucerne University of
Applied Sciences and Arts

**HOCHSCHULE
LUZERN**

FH Zentralschweiz

Adrian Altenburger is Head of the Building Technology Department at Lucerne University of Applied Sciences and Arts (HSLU) – School of Architecture and Engineering. He is also Vice President of the Swiss Society of Engineers and Architects (SIA) and President of the Strategic Energy Committee.

The Lucerne University of Applied Sciences and Arts is a university of applied sciences that is supported by the six cantons of Central Switzerland. With over 5,800 students attending bachelor's and master's degree programmes, almost 4,400 students attending continuing and executive education programmes, and 556 projects in research and development, it is the largest educational institution in this region, the heart of Switzerland. Since 1958, the Lucerne School of Engineering and Architecture has contributed and strengthened Switzerland as a business location by providing bachelor's and master's degree programs, continuing education programs and applied research. The Lucerne School of Engineering and Architecture is the only Swiss university-level institution to research Building as a System. In doing so, it includes aspects of construction, energy and society in order to understand these activities in different areas and districts in a holistic way. The practical degree programs and interdisciplinary study programs offered by the Lucerne School of Engineering and Architecture prepare students for the everyday work they will face as engineers and architects. Architects, engineers and people from related professions can find unique programs for continuing education at the Lucerne School of Engineering and Architecture, for example in Construction Management or Design Engineering and Innovation. The Lucerne School of Engineering and Architecture conducts applied research in building, architecture and engineering and offers services in the two key specializations in Building as a System and in Energy Turnaround.

The Swiss Society of Engineers and Architects is Switzerland's leading professional association for construction, technology and environment specialists. With 16,000 members from the fields of engineering and architecture, the SIA is a highly professional and interdisciplinary network whose central aim is to promote sustainable and high-quality design of the built environment in Switzerland.

Adrian Altenburger
Head of Building Technology Department
School of Architecture and Engineering
Lucerne University of Applied Sciences and Arts (HSLU)
Technikumstrasse 21, CH-6048 Horw, Switzerland
Phone: +41 41 349 33 11
Cell: +41 78 833 93 71
E-Mail: adrian.altenburger@hslu.ch
Web: <https://www.hslu.ch/en>

Kathrin Amacker



SBB CFF FFS

Kathrin Amacker (1962, Swiss) is Head of Communication and Member of the Executive Board SBB since 1 May 2013. Dr. Kathrin Amacker was previously Head of Group Communications at Swisscom and a member of the telecommunication company's Management Board. Prior to that she worked at Novartis, where her various roles included Project Manager in technical areas and in Human Resources Management. Furthermore, she was engaged in employee relations and active on a political level, e.g. as a member of the National Council for the CVP.

With about 33,000 employees, the Swiss Federal Railways SBB CFF FFS move people and goods, open up and connect centers and different parts of the country at home and abroad. As an efficient, forward-looking and sustainable railway, SBB provides its customers with positive travel experiences and transports their goods reliably and resource-efficiently. Because a rail journey in Switzerland is about four times more energy-efficient and emits twenty times less CO₂ than a journey by car over a comparable distance. With its sustainable and energy-efficient mobility offering, SBB thus contributes significantly to the implementation of the Confederation's Energy Strategy 2050. From 2025 onwards, SBB intends to operate with electricity from 100% renewable energies. To do so, about 20% of the annual consumption forecast for 2025 – or a total of 600 gigawatt hours of electricity per year – is to be saved with a comprehensive package of measures.

Kathrin Amacker, Leiterin Kommunikation, Mitglied der Konzernleitung
SBB AG
Mobil +41 79 349 78 81, Direkt +41 51 285 03 75
Hilfikerstrasse 1, 3000 Bern 65, CH
kathrin.amacker@sbb.ch / www.sbb.ch / www.sbb.ch/energy

Myriam Barsuglia

s i a

schweizerischer ingenieur- und architektenverein
société suisse des ingénieurs et des architectes
società svizzera degli ingegneri e degli architetti
swiss society of engineers and architects

Myriam Barsuglia (born in 1978) holds a Master of Science MSc (2003) in Environmental Sciences from the Swiss Federal Institute of Technology Zürich ETH and a Master of Advanced Studies MAS (2012) in Sustainable Urban Development from the University of Lausanne, Switzerland. She started her professional career as a Scientific Assistant at the Swiss Federal Office for Spatial Development ARE in the fields of Spatial Planning Observation and Mobility. She then joined an independent urban planning agency as a Junior Project Manager. From 2006 until 2012 Myriam Barsuglia served as a Researcher and Lecturer at the Lucerne University of Applied Sciences and Arts in the fields of Regional Economics and Spatial Development.

Since January 2013, Myriam Barsuglia is Head of International Affairs at the Swiss Society of Engineers and Architects SIA – the leading professional organization in Switzerland. She is responsible for representing the

interests of the SIA and its members at the international level, as well as promoting Swiss Architecture and Engineering abroad.

Myriam Barsuglia
dipl. Umweltnatw. ETH/SIA - MAS urbanisme durable
Leiterin SIA-International
SIA Schweizerischer Ingenieur- und Architektenverein
Selnaustrasse 16, Postfach, CH 8027 Zürich
t +41 (0)44 283 15 73
myriam.barsuglia@sia.ch www.sia.ch

Daniel Baumann

Zurich University
of Applied Sciences



Daniel Baumann is head of education, research and resources, Vice-Dean, Prof. for knowledge and technology transfer.

Zurich University of Applied Sciences (ZHAW) – School of Life Sciences and Facility Management is a centre of excellence for Life Sciences and Facility Management offering Bachelor and Master programmes, continuing education, research and services in the fields of biotechnology, chemistry, food technology, natural resource sciences and facility management.

Prof. Dr. Daniel Baumann, Head of Education, Research & Resources, Vice-Dean
School of Life Sciences and Facility Management, Zurich University of Applied Sciences (ZHAW)
Grüntal, CH-8820 Waedenswil, Switzerland
Phone: +41 58 934 5991, Cell: +41 793 414 484

Urs Berger



Head of the Energy and Building Services Division at the Federation of Migros Cooperatives. Responsible for strategic planning in the energy sector, development of best practice and know-how transfer in the energy, refrigeration and building services area within the Migros Group, supervision of the Migros EnAW energy model groups, planning of refrigeration and building services equipment, energy management in the Migros stores, electricity purchasing competence centres. Previously project manager at Sulzer, Winterthur and Farnborough (UK) in industrial refrigeration plant engineering for the food industry, artificial ice rinks, concrete cooling and petrochemicals in Europe, Asia and Africa. Studied at Lucerne University of Applied Sciences and Arts.

MES – Migros Engineering Solutions, the Energy and Building Services department, is responsible for strategic planning in the energy sector, development of best practice and know-how transfer in the energy,

refrigeration and building services area within the Migros Group. Further the division is in charge of the Migros EnAW energy model groups, planning of refrigeration and building services equipment, energy management in the Migros stores, electricity purchasing competence centres

Urs Berger
Head of Energy and Building Services
Federation of Migros Cooperatives
MES - Migros Engineering Solutions
8031 Zürich
Telephone +41 44 277 30 67
E-mail urs.berger@mgb.ch

Dennis Beyer



Dennis is an innovation and marketing professional with a strong customer relationship and value creation focus who offers a broad international experience. He has worked for startups, SMEs and a leading international ICT company and demonstrated the capacity to lead, collaborate and manage diverse stakeholders. At ewz he is responsible for the innovation management and thus ensuring that bright ideas get turned into successful market offerings. From early stage to scaling, Dennis is involved in every step of the innovation process and connects internal experts with industry partners, customers and start-up companies. He is passionate about connecting our digital world with mobility innovations that are powered by renewable energy.

For all individuals and companies in Switzerland, that act consciously and sustainably, ewz is the leading company with groundbreaking energy and communication solutions, that are rooted in our commitment to the future. Because we are engaged and with capable employees we perceive future challenges as opportunities. Because we are visionary and pursue the image of a renewable future for all people. Because we are sustainable and strive for holistic and sustainable energy and communications solutions for our customers. Therefore, we work on the continuous expansion of renewable energies and the optimization of the electricity network and communication infrastructure. Because we make it simple by offering intelligent energy and communication solutions that are understandable and easy to use.

www.ewz.ch

mail: dennis.beyer@ewz.ch

phone: +41 58 319 2005

Nicola Blum



Dr. Nicola Blum is a lecturer at the Group for Sustainability and Technology and since April 2013 part of the management board at [Impact Hub Zurich](http://www.zurich.impacthub.net), where she is responsible for people development and all start-up incubation services. She holds a bachelor degree in mechanical engineering, a master degree in management, technology and economics and a diploma in didactics from ETH Zurich. She gained practical experience when working with [ATD QUART MONDE](#) in Paris, [Roland Berger Strategy Consultants](#) in Zurich, [responsAbility](#) in Zurich, the clean energy investor [E+Co](#) in Amsterdam, and San José, Costa Rica, and the [German International Cooperation GIZ](#) in South East Asia (Indonesia, Thailand, Laos and Cambodia). In her dissertation, Nicola Blum investigated economic, political and social conditions for the (non-)successful diffusion of renewable energy based village grids in South East Asia. She received several scholarships, including an 8-year scholarship by the [Swiss Study Foundation](#) and the one-year [Mercator Fellowship on International Affairs](#) (2010/11).

Dr. Nicola Blum, Program Director

Impact Hub Zürich | www.zurich.impacthub.net

phone: +41 (0) 44 273 58 79 | mobile: +41 (0) 79 638 21 92 | skype: nicola.blum.at.hub

email: nicola.blum@impacthub.net

location: Viaduktstr. 93 – 95, CH–8005 Zürich, Switzerland

Matthias Boelke



Dr. Matthias Boelke is the CEO of Schneider Electric (Schweiz) AG and CEO of Feller Ltd. He has worked for over 20 years in the fields of robotics research, automation and energy management. After an academic career with a doctorate in Advanced Robotics, he entered the business world and was initially responsible for the development of a new generation of human-machine-communication products at Schneider Electric. Subsequently, he was involved in several management functions in different countries. Both companies develop and distribute products and solutions for energy management. Feller Ltd manufactures exclusively in Switzerland.

As a global specialist in energy management and automation with operations in more than 100 countries, Schneider Electric offers integrated solutions across multiple market segments, including leadership positions in Non-residential & Residential Buildings, Industries & Machines Manufacturers, Utilities & Infrastructure and Data Centers & Networks. Focused on making energy safe, reliable, efficient, productive and green, the Group's 170,000 employees achieved revenues of 25 billion euros in 2014, through an active commitment to help individuals and organizations make the most of their energy.

www.schneider-electric.com

Katie Bolcar Rever



Katie Bolcar Rever

Director, State Affairs

Solar Energy Industries Association

600 14th Street, N.W., Suite 400 ■ Washington, D.C. 20005

P: (202) 841-7599

krever@seia.org

Clemens Bolli



Clemens Bolli has joined GWVK as a member of the board in 2015. He is responsible for external relations. He holds a Master degree in political science from the University of Zürich and is currently pursuing a postgraduate degree in Geographic Information Systems.

Association Water Vortex Concepts Switzerland (Genossenschaft Wasserwirbel Konzepte Schweiz - GWVK): The concept of gravitation water vortex power plants allows for renewable and CO₂-free electricity generation as well as for renaturation, revitalization and the establishment of fish friendly weirs. A gravitation water vortex power plant is a small river power station that can generate natural electricity beginning at a gradient of 0.7 m and an amount of water of about 1,000 liters per second. Gravitation water vortex power plants are expected to operate for 50 to 100 years because of their innovative, simple and low-maintenance technology. In the Swiss context, they represent a co-benefit strategy in the light of the Swiss energy strategy 2050 and approximately 50'000 artificial obstacles in Swiss rivers which have to be removed and renaturated insofar as to contribute both to a sustainable and secure energy supply system as well as to a more ecological and natural river system. In the context of global development on the other hand, gravitation water vortex power plants offer an opportunity for a low-risk and fossil free electrification. GWVK has been awarded the Watt d'Or 2011 by the Swiss Federal Office of Energy.

Genossenschaft Wasserwirbel Konzepte Schweiz GWVK

Bahnhofplatz 4

5000 Aarau

Phone: +41 62 721 82 53

Mobile: + 41 78 720 07 44

E-Mail: bolli@gwwk.ch

Henri Bourgeois



Henri Bourgeois is currently Chief Financial and Strategy officer at Gaznat. Prior to this appointment, he was in charge of risk management and strategy. He started his career in the Research Center of EDF, a company where he then held several positions in the marketing and strategy departments. Before joining Gaznat in 2009, he was Corporate Development Director at IMD, Lausanne. Henri Bourgeois holds a BS from ENSIA, a BA in Economics from ESSEC and an MBA from Duke University.

Gaznat is a limited company which supplies and transports high pressure natural gas to Western Switzerland. Its mission is to guarantee the safest service to its clients at the best price conditions. The company employs approximately sixty collaborators working on the sites of Vevey and Aigle, and achieved a turnover of CHF 650 millions in 2013.

h.bourgeois@gaznat.ch

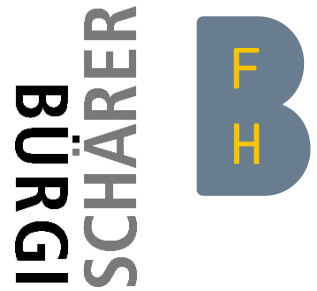
Dominik Brem



Dr. Dominik Brem is responsible for sustainability and scientific concepts within ETH Zurich's real estate division. In his function he coordinates the efforts of the University towards a sustainable development of the infrastructure of two main campus sites. This includes the framing of a campus wide sustainability strategy and the setting of building standards. Dr. Brem obtained his PhD in Biology at ETH Zürich. After his PhD he worked as a project manager for two international consulting companies, advising international companies in the chemical, pharmaceutical and semiconductor sectors in questions of energy efficiency, resource efficiency and sustainable management and strategy. Fields of expertise are strategic sustainability management, energy efficient building concepts and sustainable use of resources.

ETH Zürich
Dr. Dominik Brem
Infrastructure Division Building and Constructions
Sustainability and scientific concepts
KPL G7, Kreuzplatz 5, 8092 Zürich
+41 44 632 21 97
dominik-brem@ethz.ch
www.bauten.ethz.ch

Hanspeter Bürgi



Prof. Hanspeter Bürgi (born 1958), Architect ETH SIA FSU / NADEL ETH, is a Partner of Bürgi Schärer Architektur und Planung in Bern and Professor of Architecture, Head of Department Master of Architecture at the Bern University of Applied Sciences – Architecture, Wood and Civil Engineering. From 2009 to 2015, Hanspeter Bürgi was Professor of Design and Construction at the Lucerne University of Applied Sciences and Arts – School of Engineering & Architecture, where he was overall Head of the Solar Decathlon Studio between 2011 and 2014 (www.solardecathlon.ch).

Bern University of Applied Sciences - Architecture, Wood and Civil Engineering: The institutes and the courses in Bachelor and Master of Architecture include the three main topics: Architecture and wood technology, architecture and urban/rural planning, architecture and sustainable development with focus on energy efficiency (www.bfh.ch/ahb, www.jointmaster.ch).

Bürgi Schärer Architektur und Planung AG in Bern, founded 1992 is specialized in sustainable construction and design. The interdisciplinary team is working in the field of planning, research, design and construction of buildings, e.g. the Youth Hostel Gstaad-Saanenland, winner of the Watt d'Or 2015 (www.buergischaerer.ch).

Hanspeter Bürgi
Arch. ETH SIA FSU / Professor of Architecture
Head of Master of Architecture
Bern University of Applied Sciences
Architecture, Wood and Civil Engineering
Pestalozzistrasse 20, P.O.Box 1058, CH-3401 Burgdorf
Phone +41 34 426 41 58
hanspeter.buergi@bfh.ch www.ahb.bfh.ch www.jointmaster.ch

David J. Carlson



David J. Carlson CSR-P is Parsons' Vice President and Director of Sustainable Development and has more than 25 years of sustainability and environmental policy development and implementation experience with the U.S. Environmental Protection Agency ("EPA") and Federal Highway Administration ("FHWA") and Parsons. In his role as Director, he oversees, tracks, and grows key sustainability service offerings to government transportation agencies and private transportation providers, as well as enhances internal sustainability programs. David is the subject matter expert on Climate Change adaptation and has developed the Parsons climate change adaptation resilience response and engineering services. He has directed sustainability charettes and workshops for a number of transportation agencies. He is responsible for: •

Providing guidance, advice and technical expertise on sustainable transportation solutions on various projects, including, but not limited to, road, bridge, aviation, transit and related projects. • Providing principal-level review on sustainability-related projects as needed, and ensuring the highest possible quality for all services provided. • Supporting cross-company efforts on projects, and providing periodic training to staff on leading-edge practices. As a result of his extensive experience David offers proficient knowledge of multiple environmental programs and regulations, sustainability elements, as well as an integral knowledge of transportation planning, policies, and funding.

David J. Carlson CSR-P
Vice President, Director of Sustainable Development

PARSONS

100 M Street SE Suite 1200

Washington, DC 20003

Office: (202) 775-3355

Cell (202) 251-7378

David.Carlson@Parsons.com

www.parsons.com

Linda Carre Looft



Linda Looft serves as senior liaison to federal, state, and local officials for the university's academic and research communities. In this capacity, she works closely with government agencies to obtain research funding in areas of strategic importance to WPI. Over the past five years, she has brought in more than \$15 million in grants to the university. Most recently, she helped secure an additional \$1 million in federal funding for the Center for Untethered Healthcare, part of the WPI Bioengineering Institute (BEI). She also manages advocacy for the Massachusetts Academy of Mathematics and Science at WPI and oversees many of WPI's high-profile events, including major conferences, VIP visits, and international events-on and off campus. In addition, she has helped secure federal, state, and local funding for the WPI Life Sciences and Bioengineering Center, a state-of-the-art research facility under construction in Worcester's Gateway Park, as well as the Precision Indoor Personnel Location System and transportation research.

Linda Carre Looft
Assistant V.P. Government and Community Relations
Worcester Polytechnic Institute
100 Institute Rd.,
Worcester, MA 01609
508 831 5570
lclooft@WPI.EDU

Carina Castella



Losinger Marazzi SA/AG is a leading company acting as a developer in real estate and eco-neighbourhoods, full-service and total contractor in Switzerland. The company develops comprehensive, innovative solutions in financing, design and construction. With a workforce of 800 people, Losinger Marazzi SA/AG achieves a yearly turnover of approximately CHF 800 million. Being part of Bouygues Construction, the company thus combines the strength of an international Group with the flexibility of a local organisation.

As a pioneer in sustainable construction, Losinger Marazzi SA/AG meets the standards of environmental certificates for over 95 percent of its project developments. The company currently develops and builds the first “2000-Watt-Sites” of Switzerland: Greencity in Zurich, Erlenmatt West in Basel and Im Lenz in Lenzburg – awarded by the Swiss Federal Office of Energy. Through sustainable construction, the company is in a position to provide efficient ecological and economical solutions for the entire life cycle of a building and an area. With its customers, Losinger Marazzi SA/AG envisions and constructs a life that is more harmonious and more considerate of the well-being of everyone.

KARINA CASTELLA

Architect EPFL SIA, LEED AP BD+C
MAS Real Estate Management HSLU
Real Estate Development Zürich

Strong Brownfield Redevelopment experience guiding top-tier commercial projects from conception, planning and design to turnkey completion. Swiss trained and accredited Architect and Real Estate Manager committed to sustainable certified investments requiring complex process implementation and risk management.

+41 (0)79 959 56 91, k.castella@losinger-marazzi.ch

LOSINGER MARAZZI SA/AG

Hardturmstrasse 11 CH-8005 Zürich
+41 (058) 456 89 22, www.losinger-marazzi.ch

Gaëtan Cherix



M. Gaëtan Cherix is Director at the "Center for Research in Energy and Cities" (CREM), located in Martigny. He obtained his Master degree in the "Ecole Polytechnique Fédérale de Lausanne (EPFL) in 2005. He studied mechanical engineering and thereafter specialized in the field of energy and thermodynamics. Scientifically, he has special interest about territorial energy systems, climate change, as well as the corresponding public policies and regulation. In collaboration with the EPFL he developed innovating management and planning tools for the integration of energy systems in urban areas. He is member of Swiss 2000 watts society expert board, smart city Swiss confederation expert group and SIA commission about building energy performances certificate. He is lecturer in many Universities in Switzerland, authored and co-authored many technical and scientific publications.

CREM is a research and development center, which provides scientific support in the field of territorial energy systems, especially in urban energy. It assists local governments and businesses in their efforts to energy efficiency, renewable energy production and CO2 emissions reduction. It focuses its expertise on management of energy flows (heat, electricity, water), centered on both demand/supply side and conversion technologies. Activities of CREM are focused on the development of Ra & D projects, answering needs of local authorities and related utilities, in line with the vision of sustainable territories. These activities also integrate competences transfer and synergies between scientific community, local authorities and other social and economic actors.

Gaëtan Cherix, Directeur
CREM / Centre de Recherches Énergétiques et Municipales
Av. du Grand-St-Bernard 4, CP 256
1920 Martigny
T: +41 27 721 25 40 M: +41 79 744 39 58
gaetan.cherix@crem.ch / www.crem.ch

Howard Choy

Howard Choy has worked in the electric utility industry as a design engineer, power plant commissioning engineer, marketing and customer service manager, and technical and financial consultant on utility mergers and acquisitions. He currently serves as the General Manager of the Los Angeles County Office of Sustainability, which was created by the Board of Supervisors in 2008 in response to the state's legislative and policy emphasis on energy and the environment under Assembly Bill 32 (CA's Global Warming Solutions Act).

Los Angeles County Office of Sustainability

The Office manages the County's internal energy management programs which are budgeted at over \$200 million per year. Since 2010, the Office has also acquired over \$200 million in Federal Energy Stimulus

Grants and State utility ratepayer funds which have been used to help implement regional programs dealing with comprehensive building energy retrofits in all sectors, private sector energy financing, and development of a region-wide Climate Action Plan which will develop regional GHG reduction strategies and implementation plans. The Office has also recently launched creative, private capital financing programs for private sector buildings to incorporate energy, water and distributed generation upgrades. The County's Property Assessed Clean Energy Finance program is the largest in the country. Currently, the Office of Sustainability is investigating Community Choice Aggregation (CCA). CCA will allow local governments to procure wholesale power for utility retail customers and design innovative rate structure and efficiency programs. CCAs are expected to dramatically increase the amount of renewable power supply in California. Howard serves as the Board Chairman for the Local Government Sustainable Energy Coalition, a consortium of engaged peers that represent the interests of local governments in energy regulatory proceedings.

<http://green.lacounty.gov/wps/portal/green/home/>

Ulker Copur

Roger Williams University

Dr. Copur is a professor of architecture at Roger Williams University, School of Architecture, Art and Historic Preservation, Bristol, Rhode Island. Dr. Copur has received her Ph.D. in City and Regional Planning and Historic Preservation from Cornell University. Dr. Copur's professional activities include many research, planning and design projects, publications and consultancy assignments involving various aspects of Architecture, Urban Design and Preservation Planning, specifically in the areas of sustainability, green architecture. She has presented papers, chaired, co-chaired and participated in numerous international, national and regional conferences and seminars in the US, Canada, Spain, Portugal, Finland, GB, Turkey, Russia, Cuba, Singapore and India. Dr. Copur's teachings on sustainable design focuses on green architecture and also developing ecological learning environments, making sustainable design initiatives visible and accessible beyond university boundaries. She has been able to address sustainability issues exemplified in green buildings and affordable housing projects in the US as well as delivering earthquake mitigation with sustainable designs initiatives at international sites such as, Haiti, Turkey and Japan. In December 2014, Dr. Copur served on the Advisory Committee of the 40th IAHS World Congress that took place in Portugal on Sustainable Housing Construction. She has been asked to serve on the Scientific Committee of the 2016 IASH 41st World Congress.

Ulker Copur, Ph.D.

Professor of Architecture

Roger Williams University

School of Architecture, Art and

Historic Preservation

Bristol, RI 02809, USA

Phone: 401 254 3602 (after Oct. 1) Cell: 531 917 2061 (until Oct. 1) Cell: 401 575 9567 (after Oct. 1)

Anne-Claude Cosandey



ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

Dr. Anne-Claude Cosandey is the operational director of the EPFL-Fribourg outpost, in charge of coordinating the smart living lab development.

The smart living lab project is a cutting-edge platform that combines several lines of research related to construction technologies: material sciences and renewable energy production systems that take into account aspects that are related to the occupation of a building, living space and housing, such as comfort, health and air quality. It brings together the skills of the [Ecole Polytechnique Fédérale de Lausanne \(EPFL\)](#), the [School of Engineering and Architecture \(HEIA-FR\)](#) and the [University of Fribourg \(UNIFR\)](#).

Anne-Claude Cosandey
Directrice Opérationnelle - EPFL Antenne Fribourg
Coordinatrice smart living lab
Phone +41 21 693 51 82, anne-claude.cosandey@epfl.ch

Vincent DeVito



Vincent DeVito, Partner
Bowditch & Dewey, LLP
MA: +1 617 757 6518
DC: +1 202-465-8785
NY: +1 646 580 0120
Fax: +1 508 929 3019
vdevito@bowditch.com
<http://www.bowditch.com/Attorneys/DeVitoVincent>
Admissions: District of Columbia - Commonwealth of Massachusetts - State of New York
NOTE: New DC address and phone number:
300 New Jersey Avenue, NW, Suite 900
Washington, DC 20001
202-465-8785

Matthias Dhum



As the Head of Client Services, Matthias Dhum manages BEN Energy's key accounts and contributes to data analytics and reporting with his background as a psychologist.

BEN Energy, with offices in Zurich and Munich, is the leading provider of cloud-based customer intelligence software for the utility market in Germany and Switzerland. BEN Energy's software allows utilities to predict and affect relevant customer behavior enabling them to evolve from energy to service provider.

matthias.dhum@ben-energy.com

Babak Djalili



Babak Djalili is the CEO of Rapp Enserv Ltd., which specializes in consumption-dependent cost billing for heat, water and other utilities. Its core business areas are concept development, measurement and billing. It also operates models for source-related cost allocation in facility management as an additional service for facility service providers. Every year, we manage consumption-based utility billing operations for more than 120,000 residential and commercial units and are one of Switzerland's leading service providers in the segment. Our invoices are just as transparent and comprehensible to house administrators as they are to the end customer who is, after all, the one who must pay the bill. Customer satisfaction is always our top priority. Fields of activity: Planning, sale, and installation of heating-cost distribution devices like Heat cost allocator, Heating / cooling meter, Hot / cold water meters, Communication Systems , Establishment of consumption-based invoicing for heating services and utilities with on-site data collection and remote instrument reading, as well as electronic data interchange with property managers, Development of reference books, guidelines and expert reports.

Rapp Enserv AG
Dornacherstrasse 210 | 4018 Basel
T +41 58 595 77 44 | www.rapp.ch
Babak.Djalili@rapp.ch

Gina Domanig



Based in our Zurich office, Gina Domanig is the Managing Partner of Emerald Technology Ventures. In 2000 she founded Emerald as the first independent cleantech venture capital fund in Europe. Gina currently serves on the boards of Pelamis, SDC Materials, Synapsense and TaKaDu. Previously, she also represented Emerald as a director at Agraquest (acquired by Bayer in 2012) and Inge watertechnologies (acquired by BASF in 2011). Gina has over 25 years of international business experience including banking, M&A, strategic development, and venture capital. Prior to starting Emerald, she was senior vice president at Sulzer, a Swiss multinational, responsible for strategic planning and M&A. Gina holds MBA degrees from Thunderbird in Arizona and ESADE in Barcelona and is fluent in English, German and Spanish.

Emerald Technology Ventures is a globally recognized cleantech venture capital firm investing in innovative energy, water and materials technology companies in North American, Europe and Israel. Founded in 2000, Emerald is a pioneer in Cleantech venture capital and has invested in fifty-one companies to date. A team of 12 professionals based in Zurich, Switzerland and Toronto, Canada manages three venture capital funds and two venture capital portfolio mandates totaling over EUR 365 million (USD 500 million). Our investors include leading financial institutions, family offices and multinational corporations from Asia, Europe, Canada and the U.S.

Gina Domanig, Managing Partner
Emerald Technology Ventures
Seefeldstrasse 215, 8008 Zurich, Switzerland
Tel +41 44 269 61 22
gina.domanig@emerald-ventures.com www.emerald-ventures.com

Chantal Dräyer



Haute école d'ingénierie et d'architecture Fribourg
Hochschule für Technik und Architektur Freiburg

TRANSFORM
Transform Institute
Heritage, Construction and Users

School of Engineering and Architecture of Fribourg - TRANSFORM institute: The TRANSFORM Institute seeks comprehensive, integrative and interdisciplinary architectural approaches to transforming the natural and built environment. The aim of TRANSFORM is to find intelligent ways of integrating innovative processes and technologies into the transformation of inhabited environments, taking into account use and cultural values.

Chantal Dräyer • Collaboratrice scientifique • institut TRANSFORM
HES-SO • Haute école d'ingénierie et d'architecture • Pérolles 80 • CP 32 • CH-1705 Fribourg
+41 (0)26 429 69 20 • www.heia-fr.ch • Chantal.Draeyer@hefr.ch

Amir Eldad



Amir is an entrepreneurial global hi-tech company builder, and a practitioner of innovation-driven economic development. For more than 25 years, Amir led his companies' global Go-To-Market planning and execution across Israel, France, the US and the rest of the world - while bridging the multi-national cultural gap. Leveraging his experience, Amir's contribution to hi-tech companies and public / government organizations is based on a unique combination of Board-level perspective, C-level planning and detail-oriented execution. Amir develops global partnerships at MassChallenge, and co-founded MassChallenge Israel - MassChallenge's first global hub. Amir received his undergraduate degree in Computer Science at the Technion, Israel Institute of Technology; he lives in Cambridge, MA.

MassChallenge runs startup accelerators designed to catalyze a global renaissance by connecting high-impact startups with the resources they need to launch and succeed. Anyone can apply to MassChallenge, with any early-stage startup, in any industry, from anywhere in the world. MassChallenge does not take equity or place any restrictions on the startups it supports. With programs in Boston, Israel and the UK, MassChallenge provides entrepreneurs with mentorship, office space, access to a vast network, and other resources during four months of acceleration. MassChallenge awards over \$2 million in non-dilutive grants to the startups demonstrating the highest impact and highest potential. A nonprofit organization, MassChallenge is funded by corporate, public and foundation partners. To date, the 617 MassChallenge alumni have raised over \$950M in funding, generated over \$480M in revenue and created over 5,100 jobs.

Top MassChallenge Boston partners include Fidelity Investments, Verizon, the Commonwealth of Massachusetts, The Deshpande Foundation, The Boston Foundation, The Bühler Group, American Airlines, EMC, Microsoft, Pfizer, Thomson Reuters and other private and public partners. On February 2015, MassChallenge concurrently launched its 2015 program year in Boston, London and Jerusalem; this is part of a 5-year growth plan aimed at creating 10 global MassChallenge hubs around the world.

Amir Eldad

Director of Global Partnerships | MassChallenge, Inc.

Co-founder | MassChallenge Israel

+1-888-782-7820 x706 | amir@masschallenge.org

m: +1-508-308-5420 | Skype: amir.eldad

21 Drydock Ave., 6th floor | Boston, MA 02210

[@MassChallenge](#) | [MassChallenge on Facebook](#)

Joy Field



Joy Field is an Associate Professor of Operations Management in the Carroll School of Management at Boston College, with research and teaching focused on the design and implementation of operating systems, especially service systems. Her book, *Designing Service Processes to Unlock Value*, addresses the co-creation of value through the efforts of the service provider, customer, and other members of the value chain to optimize the total value throughout the system. This includes consideration of environmental impacts and stakeholder sustainability priorities. Further information on the book and an interview with the author can be found at: <http://www.businessexpertpress.com/authors/joy-field>.

Boston College, located in Chestnut Hill, MA, was founded in 1863 by the Society of Jesus (Jesuits) and currently enrolls over 14,000 undergraduate and graduate students from all 50 states and more than 80 countries. The Carroll School of Management, one of the largest schools within the university, ranked number 4 in the "Top Undergraduate Business Programs 2014" and number 21 in the U.S. News & World Report best undergraduate business programs survey.

Joy Field, Associate Professor of Operations Management
Operations Management Department
Fulton 354C
Carroll School of Management
Boston College
Phone 617-552-0442, fieldjo@bc.edu

Bettina Furrer

Zurich University
of Applied Sciences



Prof.Dr. Bettina Furrer is Professor for Sustainability and Technology at Zurich University of Applied Sciences (ZHAW) and the Head of its Institute of Sustainable Development (ZHAW-INE) (www.zhaw.ine.ch). She also holds the position of Deputy Head of the Swiss Competence Center for Research in Energy, Society and Transition SCCER CREST (www.sccer-crest.ch). Bettina's work is focused in the area of sustainability and technology with a special research interest in the sociotechnical transition of energy

systems and special attention given to the field of innovation ecosystems and business models related to renewable energy and energy efficiency.

At the ZHAW-INE an interdisciplinary team of over 25 applied researchers works on sustainable solutions for complex sociotechnical issues in the fields of sustainable energy systems, sustainable mobility and technology assessment. In cooperation with partners from industry, politics and science, ZHAW-INE carries out interdisciplinary projects.

Prof. Dr. Bettina Furrer, Institutsleiterin
ZHAW Zürcher Hochschule für Angewandte Wissenschaften
School of Engineering, Institut für Nachhaltige Entwicklung INE
Technoparkstrasse 2, Postfach, CH-8401 Winterthur, Tel. +41 58 934 76 69
Mail: bettina.furrer@zhaw.ch Info: www.ine.zhaw.ch; www.sccer-crest.ch/

Bastian Girod



Bastien Girod
Dr. sc., MSc Environ. Sc. ETH Zurich
Weinbergstrasse 56/58, Room WEV J 424, CH-8032 Zurich
Phone: + 41 44 632 63 13
www.sustec.ethz.ch/people/bgirod

Christoph Gisler



Christoph Gisler is a founding partner of FONTAVIS, president of the board of directors and COO. As such, he is responsible for business development and investor relations. He has almost 20 years of experience in various management functions in the field of international asset management, banking and private equity. Additionally, he is a member of the board of UBS Clean Energy Infrastructure Switzerland AG as well as EBM Wärmeholding AG. He started out as a specialist in derivatives in the field of investment advisory for institutional investors at Credit Suisse, then served as the head of trading, head of business development discretionary clients and was finally a director responsible for institutional sales Switzerland of the asset management division. Later, he became a director at Capital Dynamics, where he was responsible for business development in Switzerland as well as in certain international markets. Christoph studied economics at the University of Zurich with a focus on political economy, finance and energy, graduating with the Licentiate as lic. oec. publ. He also completed the executive program of the Swiss Finance Institute.

FONTAVIS is an independent asset management company that specializes in investments in clean energy and infrastructure. Our business and passion is to invest in non-listed companies and assets in Switzerland that produce renewable energy, improve energy efficiency or provide energy infrastructure. Portfolio companies are provided with capital, expertise and commitment to steer their businesses to new levels of excellence. FONTAVIS is the exclusive investment advisor of the first private Swiss Renewable Energy and Energy Infrastructure closed-end fund „UBS Clean Energy Infrastructure Switzerland“.

FONTAVIS AG
Schochenmuehlestrasse 6
CH-6340 Baar
Switzerland
phone +41 41 545 41 00
e-mail christoph.gisler@fontavis.ch
www.fontavis.ch

Wulf Glatz



Dr. Wulf Glatz, CEO, received his PhD from ETH Zurich in 2008 for the development of flexible thermoelectric generators. He has studied with several international institutions in Spain, the US, and Germany. Wulf has gathered broad industry experience at the R&D departments of Volkswagen, BOSCH and IBM, working on thermal interfaces and micromechanical sensors for automotive applications. Wulf is also a board member of the Swiss Thermoelectric Society (STS).

greenTEG AG provides solutions for high-precision thermal measurements and thermoelectric energy harvesting. With greenTEG's technology, the energy efficiency and precision of processes and applications can be increased.

greenTEG's sensors find application in laser power measurements, the quantification of insulation quality in buildings (U-Value), and heat flux measurements in diverse set-ups. Together with an industry partner, greenTEG currently develops a thermoelectric energy harvester for an energy autonomous heating valve. greenTEG was founded in 2009 as a ETH Zurich spin-off. Today, greenTEG supplies OEMs and scientists at world leading research institutes with sensors for high-precision thermal measurements. A automated and patented production process allows greenTEG to produce cost-effective and compact sensors and energy harvesters.

wulf.glatz@greenteg.com

Christoph Gmür



**Kanton Zürich
Baudirektion
Amt für Abfall, Wasser,
Energie und Luft**

Kanton Zürich
Baudirektion
Amt für Abfall, Wasser, Energie und Luft, Abteilung Energie, Sektion Energietechnik

Christoph Gmür
dipl. Masch.-Ing. ETH/SIA
Leiter Energietechnik
Stampfenbachstrasse 12, 8090 Zürich
Telefon direkt +41 43 259 42 70
Telefon Zentrale +41 43 259 42 66
Fax + 41 43 259 51 59
christoph.gmuer@bd.zh.ch
www.energie.zh.ch

Tobias Graml



Tobias Graml is the CTO at BEN Energy.

BEN Energy, with offices in Zurich and Munich, is the leading provider of cloud-based customer intelligence software for the utility market in Germany and Switzerland. BEN Energy's software allows utilities to predict and affect relevant customer behavior enabling them to evolve from energy to service provider.

Dr. Tobias Graml
CTO
Phone +41 44 515 61 53
tobias.graml@ben-energy.com

BEN Energy AG
Limmatstrasse 183
CH-8005 Zürich
www.ben-energy.com

Heinz Haller



Heinz Haller is Executive Vice President of the Dow Chemical Company and President of Dow Europe, Middle East, Africa and India (EMEAI). In this role, Haller is responsible for Dow's operations and geographic strategies in Europe, Middle East, Africa and India. He is also accountable for Government Markets and Olympic Operations. He is a member of Dow's broader Executive Leadership Team. Haller joined Dow in 1980 as a sales representative in Horgen, Switzerland and developed his career in several marketing and commercial roles across many Dow businesses including Emulsion Polymers, Specialty Chemicals and Chlorinated Solvents. Haller is Chairman of the Dow Akso Board and a member of the board of BioAmber Inc., AFG Arbonia-Forster-Holding AG, and the U.S. India Business Council. He also represents Dow on the Board and Executive Committee of the European Chemical Industry Council (CEFIC). Haller holds a master's degree in business administration from IMD, Lausanne, Switzerland. Heinz and his wife, Marlis, live in Zurich, Switzerland, and have two adult daughters.

Dow combines the power of science and technology to passionately innovate what is essential to human progress. The Company is driving innovations that extract value from the intersection of chemical, physical and biological sciences to help address many of the world's most challenging problems such as the need for clean water, clean energy generation and conservation, and increasing agricultural productivity. In 2014, Dow had a global turnover of \$58 billion and employed approx. 54,000 employees. The company produces more than 6,000 different products at 201 locations in 36 countries. During the expansion to Europe in 1952, the company chose Zurich as the location for its first European sales office. In Horgen itself, there are more than 650 employees in the fields of Business Management, Marketing & Sales, Research & Development and Finance, HR, Law and Communications. Switzerland, with its location in the heart of Europe, is the ideal location for the headquarters of Dow EMEAI because of the efficient infrastructure, stable legal and tax system, highly skilled workforce, and high quality of life. More than 700 employees from 51 countries work for Dow in Switzerland. In addition to the headquarters in Horgen, the company has other production and research facilities in Switzerland: The production facility for our 'Consumer Care' business Dow Microbial Control in Buchs SG, the technical customer service for applications in our 'Electronics' division in Littau LU, and our application development in the automotive sector in Freienbach SZ. Dow Switzerland is among the Top 10 in the national Great Place To Work® competition. In 2015, Dow Switzerland received this coveted award for the second time.

HHaller@dow.com

Holger Hendrichs



Dr. Holger Hendrichs steers the Heat Flux Sensors business of greenTEG, with a special emphasis on its Building Technology applications and the internationally distributed gSKIN U-Value measurement device.

greenTEG works with the latest thermoelectric technology developed at the Swiss Federal Institute of Technology (ETH Zurich). This technology is used in Heat Flux Sensors, Laser Detectors, and Energy Harvesting.

Dr. Holger Hendrichs
greenTEG AG

Technoparkstr. 1 | 8005 Zurich, Switzerland tel. +41 (0)44 633 06 97 | mob. + 41 76 200 66 34
holger.hendrichs@greenteg.com www.greenteg.com

Urs Herzog

Urs Herzog holds a Master Degree in Electrical Engineering and Electronics from Swiss Federal Institute of Technology (ETH) in Zürich. He is Assistant Vice President of Holcim Technology Ltd. responsible for energy efficiency and power solution matters in the Holcim group. He also manages and leads the Holcim innovation field “low energy solutions”.

Our vision is to provide foundations for society's future. Holcim is one of the world's leading building materials companies and has a presence on all continents. With its solutions based on innovative products and services and a commitment to sustainable construction, Holcim is contributing to the success of its customers around the world – as a trusted partner for more than 100 years. In 2014, the Group's global workforce of around 68,000 employees continued to work hard in order to further strengthen Holcim's position as a market leader in cement, aggregates, and ready-mix concrete. Megatrends require innovative solutions. Resource depletion and scarcity, urbanization, climate change, unmet and emerging customer needs – the world and with it the demands of customer and society are changing faster than ever. Here, innovation has to respond by developing new solutions. Holcim focuses on the six innovation fields with the greatest potential to add value: Integrated market solutions, new materials / functionalities, low-carbon solutions, low energy solutions, waste / recycling opportunities, lean / clean / efficient operations.

www.lafargeholcim.com

Gieri Hinnen



Gieri Hinnen is Senior Manager for Political Affairs and Environment (since 2009). Among others, he is involved in SWISS's approach towards biofuel, fuel efficiency and market based measures. He has recently completed his PhD at the Institute for the Economy and the Environment at the University of St. Gallen, focusing on sustainability strategies in aviation.

SWISS is the national airline of Switzerland. It serves over 106 destinations all over the world from Zurich and Geneva. SWISS is part of the Lufthansa Group and a member of the Star Alliance.

Gieri Hinnen , Senior Manager, Political Affairs and Environment
Swiss International Air Lines Ltd.
P.O. Box / ZRHDX/DSA/HIGE, 8058 Zurich Airport, Switzerland
Phone: +41 44 564 21 43, gieri.hinnen@swiss.com **SWISS.COM**

Stefan Jäschke Brühlhart

Zurich University
of Applied Sciences



Dr. -Ing. Industrial Engineer (NDS), has been working as lecturer on energy and building technology at the Institute for Facilities Management since March 2007. After studying chemical engineering at the University of Applied Sciences in Duesseldorf and the Ruhr- University Bochum, he specialized in the field of energy technology on combustion technology in the field of domestic natural gas use. He received his doctorate during his time at the Gaswärme-Institut e. V. in Essen in the Ruhr-University with a dissertation in the field of natural gas combustion technology.

The Institute of Facilities Management (IFM) is the leading resource in the field of facility management. The IFM is the only university institute in Switzerland for facility management. The institute works closely with the business community and public institutions. In the application-oriented research and development and in consulting new solutions are developed and supports the optimization of facility management processes. Working out, exploring and transfer FM relevant issues and solutions surrounding the property has a goal, the optimization of the property as a production factor in the Swiss economy. Intensive contact in the Swiss real estate industry allows the expert group in collaboration with industry partners in the context of research projects to identify current problems and to solve. Sustainable real estate projects, FM-relevant guidelines for the real estate industry and the development of the economic importance of facility management are more active engagement. The research area includes the benefits and operation of real estate with the subjects life-cycle management, energy management, simulation-based building design / use and cost indicators in the building context and deals only with the building construction. In the center are topics at the interface of user / use and building. The expert group primarily focuses on corporate real estate of the Corporate and Public Real Estate Management. Property as a pure investment objects are not in the foreground and the working area of the test objects include individual buildings, but also does not prevent entire portfolios or entire neighborhoods.

Zürcher Hochschule für Angewandte Wissenschaften
Institut für Facility Management
Prof. Dr.-Ing. Stefan Jäschke Brülhart, Professor für Immobilienmanagement
Campus Grüental, 8820 Wädenswil
+41 58 934 5972
stefan.jaeschke@zhaw.ch
www.lsfm.zhaw.ch

Janet Peace



Expertise: Business resilience/adaptation to climate change, market-based environmental policy, corporate engagement on environmental policy

Janet Peace is the Senior Vice President of Policy and Business Strategy at the Center for Climate and Energy Solutions (C2ES). She manages the center's Business Environmental Leadership Council (BELC), the largest U.S.-based association of companies devoted to climate-related policy and corporate strategies. The BELC contains mainly Fortune 500 companies with combined revenues of over \$2 trillion and more than 3.5 million employees. She also manages the center's resilience program and its analysis of market-based policy options.

Dr. Peace brings more than 20 years and a wide spectrum of experience on environmental issues to her work at C2ES. As a recognized expert on climate policy, she is a member of the National Research Council's Roundtable on Climate Change Education and the Council of Canadian Academies on oil sands environmental technologies. Prior to C2ES, Dr. Peace worked on climate policy in Alberta and taught environmental and natural resource economics at the University of Calgary. She also worked as a resource specialist with the U.S. General Accounting Office and as a geologist with the U.S. Geological Survey. She holds a Ph.D. and Master of Science in economics and an undergraduate degree in geology.

The C2ES (originally founded as the Pew Center on Global Climate Change) Business Environmental Leadership Council (BELC), which is a multi-national, multi-sectoral group of Fortune 500 companies that engage with the Center on climate and energy policy and solutions. Members include Alcoa, BP, Dow, GE, GM, Holcim, IBM, and a full list can be found at our website: <http://www.c2es.org/business/belc/members>

Tony Kaiser

Tony Kaiser graduated from University of Zürich with a PhD in Physical Chemistry. During his professional career he held several R&D management positions at BBC, ABB and Alstom in Switzerland, Italy and USA. His last employment was with Consenec AG, Baden-Dättwil, as a senior consultant. In his current capacity

as an independent consultant, his responsibilities include the presidency of the Federal Energy Research Commission (CORE). He is also a member of the board of METAS and sanu future learning AG.
t.kaiserch@gmail.com

Nick Kesteven



Nick Kesteven is Innovation Senior Manager for the Global ECC business, responsible for driving improvements in the commercial impact of the innovation practices across the globally distributed offering development teams. He has worked in a variety of roles during his career including science teaching, engineering leadership, strategic marketing, and most recently innovation management, and joined Honeywell in 2005 when his then employer, the Novar plc group was acquired.

Honeywell (NYSE: HON) is a near \$31B USD diversified technology and manufacturing leader, serving customers worldwide with aerospace products and services; control technologies for buildings, homes and industry; automotive products; power generation systems; specialty chemicals; fibres; plastics; and electronic and advanced materials. Honeywell employs approximately 122,000 people in 95 countries, 67,000 of which are located in North America, and is traded on the New York Stock Exchange under the symbol HON, as well as on the London, Chicago and Pacific stock exchanges. It is a component of the Standard & Poor's 500 Index. Additional information on the company is available on the Internet at www.honeywell.com.

Honeywell is comprised of four Strategic Business Groups (SBGs). Each SBG is made up of Strategic Business Units (SBUs) and also Strategic Business Enterprises (SBEs). The SBGs are: Aerospace (Aero), Automation and Control Solutions (ACS), Specialty Materials (SM), Transportation Systems (TS). Honeywell Automation and Control Solutions (ACS) is a \$12.6 billion technology-intensive business with six SBUs, including Environmental & Combustion Controls, which deliver a combination of goods and services to a highly diversified customer base. Environmental & Combustion Controls (ECC): ECC provides integrated product solutions in heating, ventilation, cooling and refrigeration, air purification, zoning, humidification, air conditioning, switches, sensors and controllers. From homes to businesses, ECC offers a complete portfolio of superior control products. Customers include original equipment manufacturers, commercial customers, distributors, contractors, retailers, building managers, and consulting engineers. In more than 100 million homes and 5 million buildings, ECC products and systems deliver temperature control, comfort, energy conservation and safety globally.

Nick Kesteven, Innovation Senior manager

Honeywell ECC

Albery House, Springfield Road, Horsham, West Sussex, RH12 2PQ, UK

Nick.Kesteven@Honeywell.com

Carmen Kobe

Zurich University
of Applied Sciences



The Center for Innovation and Entrepreneurship (CIE) does research, teaching and consulting in the competence areas of Strategic Foresight, Business Innovation and Entrepreneurship. The Center is a research and collaboration partner in creation, development and realisation of new business ideas and concepts. A special focus is on the topics energy, mobility and the creative industries.

The CIE is part of the swiss-wide research network SCCER CREST (Competence Center for Research in Energy, Society and Transition). Carmen Kobe heads the Knowledge Transfer Unit of SCCER CREST.

Carmen Kobe, Dr. oec. HSG, Dipl.-Phys.

Head of Knowledge Transfer SCCER/CREST

Tel. +41 58 934 46 17, e-Mail kobe@zhaw.ch

ZHAW School of Management and Law, Center for Innovation & Entrepreneurship

www.cie.zhaw.ch

www.sccer-crest.ch

Stadthausstrasse 14, CH-8400 Winterthur

Thomas Koller



Thomas Koller is CEO and founder of enersis suisse AG Switzerland. Before starting enersis as a consulting and software company for the energy sector in 2004 Thomas has had various consulting and sales positions both in start ups and a Fortune 500 company. Thomas has been in IT and energy business more than 18 years in national and international environments, designing and selling complex and big IT solutions for Fortune 500 companies. Thomas' passion are to possibilities of applying technology to real world problems. His goal is to make a measurable contribution to the energy change.

thomas.koller@enersis.ch

Stephan Lienin



Dr. Stephan Lienin is Managing Partner of Sustainserv, an international management consulting firm focused on sustainability. Stephan Lienin helps clients design sustainability strategies and measures and is an expert in sustainability management. He holds a Ph.D. in natural sciences from ETH Zurich, and developed methods for analyzing energy and mobility systems at the Paul Scherrer Institute (PSI). He managed the project “The Future of Urban Mobility” as managing director from 2010 till 2013.

Sustainserv GmbH

Gartenstrasse 16

8002 Zürich

Switzerland

Dr. Stephan Lienin

Managing Partner

Phone +41 43 500 53 01

Cell +41 79 773 78 09

stephan.lienin@sustainserv.com www.sustainserv.com

Sustainserv, Inc.

31 State Street, 10th Floor

Boston MA 02109

USA

Claire-Michelle Loock



Claire-Michelle Loock is co-founder and Head of Consumer Research and Analytics at BEN Energy. Her background is in Psychology. During her PhD at ETH Zurich she investigated the effects of concepts from behavioural science on individual's energy consumption in collaboration with utilities and the SFOE and the SNSF. Besides working for BEN, she is part of the Swiss Commission of Energy Research.

BEN Energy, with offices in Zurich and Munich, is the leading provider of cloud-based customer intelligence software for the utility market in Germany and Switzerland. BEN Energy's software allows utilities to predict and affect relevant customer behavior enabling them to evolve from energy to service provider.

Claire-Michelle Loock , Head of Consumer Research and Analytics

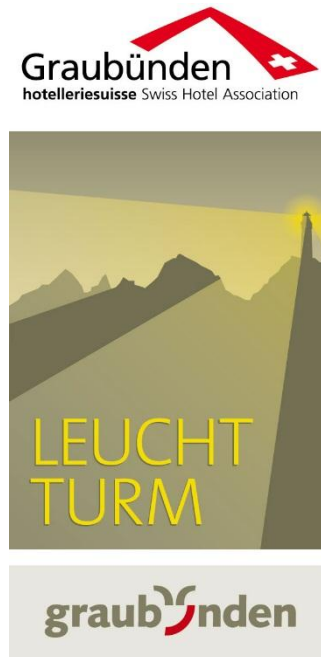
Phone +41 44 515 6152, claire-michelle.loock@ben-energy.com

BEN Energy AG

Limmatstrasse 183, CH-8005 Zürich

www.ben-energy.com

Gustav Lorenz



Gustav Lorenz, 68, Initiator & Project Manager Lighthouse, Entrepreneur in Tourism, expert in energy management for industrial laundries & hotels.

hotelleriesuisse is the center of excellence for the Swiss hotel industry and the trade association which represents the interests of the nationally and internationally oriented hotel establishments.

www.hotelleriesuisse.ch

hotelleriesuisse Grisons is the regional hotel association in the Southeastern Alpine Area representing the 400 best with stars classified hotels totalling 16'000 guest rooms.

www.hsgr.ch

Lighthouse – Energy efficient hotels of Grisons: The project started in 2013 with the objective to sensitize hotels in Grisons for reduction of energy consumption and CO2 emissions. By mid 2015, 92 Hotels representing 50% of the overnight stays in the area have committed themselves to reduce their energy consumption and CO2 emissions by implementing an energy management & monitoring system approved by the Federal Office of Environment. In compensation the hotels are exempted from the CO2-Tax. Thanks to their effort these hotels will have saved by the year 2020:

- 26 GWh of electricity
- 6.8 million litres of fossil energy
- 18'000 tonnes of emitted CO2
- 22 million Swiss Francs by reducing energy consumption and refund of CO2-Tax

The project Lighthouse was awarded the **Swiss Tourism Prize „Milestone 2014“** in the category Ecology by the Swiss Tourism Board and the **Swiss Energy award „Watt d'Or 2015“** in the category Society by the Federal Office of Energy.

www.leuchtturm-hotels.ch

Deron Lovaas



NATURAL RESOURCES DEFENSE COUNCIL

Deron Lovaas works for the Urban Solutions Program at the Natural Resources Defense Council, specializing in transportation and electricity policy and practices. He worked at 4 different environmental NGOs as well as the Maryland state environmental agency during his 20+ year career, has testified many times before the U.S. Congress, published book chapters and numerous articles and has a blog at <https://www.facebook.com/deron.lovaas>.

Deron Lovaas
Urban Solutions Program
NRDC
Twitter: @LovNRDC
dlovaas@nrdc.org

Paul Lukez



PAUL LUKEZ
ARCHITECTURE

Over the last twenty plus years, Paul Lukez has been actively engaged in practice, research, and teaching. The practice has been busy designing architectural and urban design projects in the US and Asia at scales small, medium and large. Mr. Lukez is driven to work with clients and communities that care deeply about their design projects, helping them fulfill their goals and aspirations. His multi-faceted professional track gave rise to the release of Suburban Transformations (Princeton Architectural Press, October 2007). This book proposes strategies and processes for transforming suburbs into more sustainable environments, with a unique identity strongly linked to the landscape. Mr. Lukez is the recipient of numerous academic and professional honors, and his work has been recognized by editors of local, regional and (inter)national publications. In recognition of his achievements in design excellence, he was elected as a Fellow in the American Institute of Architects. Prior to founding PLA, Mr. Lukez worked with nationally and internationally recognized architectural firms such as S.O.M. / Chicago, William Rawn Associates, and Arrowstreet Inc. Paul has also taught as a Professor at MIT, Washington University, Tsinghua University and other universities. For more information see: <http://www.lukez.com/who/paul-lukez/>

Paul Lukez Architecture (PLA) charter calls for transforming environments into sustainable and poetic places. We believe that by integrating forward-thinking research as part of our design process, we can create inspiring and transformative places for our clients. As a Boston based architecture / urban design firm, we continue to build bridges between academia and practice. Our extensive network allows us to build strong multi-disciplinary teams capable of working on a wide array of project types, both nationally and

internationally. Our project sizes range from the small to the large, but always are unique in the special challenges they present. In particular, we strive to engage advanced technologies and concepts that create more sustainable and resilient environments. See www.lukez.com

Paul Lukez FAIA LEED AP

President

PAUL LUKEZ ARCHITECTURE

1310 Broadway / Somerville, MA 02144

T. 617.628.9160 / F. 617.628.9860

plukez@lukez.com / www.lukez.com

Find out what's happening at PLA on our website, www.lukez.com/blog

Tobias Maurer



Thomas Maurer is a natural scientist with an MBA from the University of Colorado. Supporting our clients on the basis of a sound expertise and with fresh ideas on their way into the Energiewende.

Swisspower Services AG supports utilities, corporate clients and municipalities on their way into the Energiewende. Expertise in energy-efficiency, renewable energy and climate protection in combination with an excellent network characterizes our team. Our consulting services, products and education enable our clients to be a step ahead of the Energiewende.

Swisspower Services AG, Bändliweg 20, Postfach, CH-8048 Zürich

Tobias Maurer, Leiter Energieeffizienzprojekte

Telefon direkt: +41 44 253 82 79

tobias.maurer@swisspower.ch www.swisspower.ch

Paul McManus



Boston University Questrom School of Business

Paul McManus, Senior Lecturer

Strategy & Innovation Department

Boston University

Questrom School of Business

595 Commonwealth Avenue

Room 557

Boston, MA 02215

Mobile: (617) 834-3134, pmmcmanus@bu.edu

Linda Miesler



Linda Miesler is Senior Lecturer in marketing and Head of the Center of Behavioral Marketing. She received a diploma in psychology from Humboldt University of Berlin in 2006, and completed her Ph.D. in business administration/marketing at the University of St. Gallen in 2011. Her research areas are consumer decision making, informational nudging, and behavioral change.

The Center of Behavioral Marketing is part of the Institute for Marketing Management at the School of Management and Law (ZHAW). We are an interdisciplinary team of psychologists, marketers and sustainability “experts”, doing applied research in areas such as behavioral change, risk perception and communication, and sustainable consumption.

Dr. Linda Miesler
ZHAW School of Management and Law
Institut für Marketing Management
Zürcher Hochschule für Angewandte Wissenschaften
Stadthausstrasse 14, Postfach, CH-8400 Winterthur
Phone +41 58 934 62 48, linda.miesler@zhaw.ch www.imm.zhaw.ch

Forrest Meggers



Forrest Meggers, Dr. sc. ETH, is Assistant Professor at Princeton University jointly appointed as faculty in the School of Architecture and the new Andlinger Center for Energy and the Environment. He initiated and leads the CHAOS Lab (Cooling and Heating for Architecturally Optimized Systems) at Princeton where he directs a highly interdisciplinary research team and works with design faculty developing new technologies, methods and forms for energy systems in buildings. An expert in low exergy building systems, Meggers received his doctorate from the ETH Zurich D-Arch ITA Building Systems group and subsequently led the research of the Low Exergy Module in Singapore where he developed and built the BubbleZERO laboratory for low exergy systems in the tropics. In Singapore Meggers was appointed Assistant Professor at National University of Singapore before accepting the position at Princeton.

Current collaborations include the 3for2 pilot project in Singapore with Prof Arno Schlueter, which Meggers helped initiate in Singapore and continues to engage in research for space-saving energy efficient ventilation systems in Princeton, and also Meggers is acting as a subtask leader in the IEA ECB Annex 64 research collaboration on Low Exergy Communities. In Princeton Meggers teaches both architecture and engineering

students at Princeton and leverages his degrees in mechanical engineering, environmental engineering and architecture to instigate transdisciplinary research and education.

Forrest Meggers - Assistant Professor - Director of [CHAOS](#)

Princeton University School of Architecture & Andlinger Center for Energy and Environment

physical: S03 Architecture Building, 609-258-7831

mobile: fmeggers@princeton.edu, 319-400-8142

virtual: <http://soa.princeton.edu/#397>, Skype: forrestmeggers

Andreas Moser

MIGROS

Project Manager at Energy Efficiency and Climate Protection Services Division at the Federation of Migros Cooperatives. Responsible for efficiency projects and energy controlling, development of best practice and know-how transfer in renewable energy and efficiency technologies for Migros stores, logistics centres and industrial enterprises. Previously Engineer Aircraft Engine overhaul at SR Technics, Zurich Airport. Studied at University of Applied Sciences and Arts Northwestern Switzerland (FHNW).

MES – Migros Engineering Solutions, the Energy and Building Services department, is responsible for strategic planning in the energy sector, development of best practice and know-how transfer in the energy, refrigeration and building services area within the Migros Group. Further the division is in charge of the Migros EnAW energy model groups, planning of refrigeration and building services equipment, energy management in the Migros stores, electricity purchasing competence centres

Andreas Moser

Project Manager Energy Efficiency

Federation of Migros Cooperatives

MES - Migros Engineering Solutions

8031 Zürich

Telephone +41 44 277 28 16

E-mail andreas.moser@mgb.ch

Nick Nigro

Nick Nigro is the founder of Atlas Public Policy, a technology firm whose mission is to equip businesses and policymakers to make strategic, informed decisions. Atlas helps address today's social challenges by building open-source tools to access and interpret the flood of publicly available data and information. Atlas will arm its audience with the information necessary to encourage the use of new technologies and products along with changes in consumer behavior. Prior to creating Atlas, Nick was the Senior Manager of Transportation Initiatives at the Center for Climate and Energy Solutions (C2ES), contributing to C2ES's strategy on saving oil and reducing greenhouse gases from the transportation sector. He led two multi-year initiatives to accelerate the deployment low-carbon vehicles. One initiative created innovative business

models that could accelerate the deployment of alternative fuel vehicles and fueling infrastructure, the second focused on policy reform and state action to facilitate nationwide electric vehicle deployment.

While at C2ES, Nick wrote 14 reports on private finance, electric vehicles, lifecycle emissions from vehicle and fuels, federal transportation legislation, ridesharing, and other related topics. He also managed a comprehensive report on reducing greenhouse gas emissions from U.S. transportation. In a prior life, Nick spent six years as an engineer and manager in the high-tech industry at Oasis Semiconductor in Waltham, Massachusetts. He was a strategic part of Oasis, helping it grow from 15 to almost 100 employees in under four years, and led projects with the largest impact on company revenue. While at Oasis, Nick developed a reputation for successful and timely client delivery. Nick is also a founding member of a non-profit organization called the Ridesharing Institute.

Nick Nigro
Atlas Public Policy
nick.nigro@atlaspolicy.com
+1 202.750.4314 (Skype)
+1 978.852.3807 (mobile)

Erdjan Opan



C O N C E P T

Ingénieurs civils EPF - SIA

Erdjan Opan obtained between 1992 and 1995 two Msc in Civil and Urban engineering at the Swiss Institute of Technology (ETHZ/EPFL). In 2008, he got a PgD in Energy Studies at Murdoch University, Perth. Since 1996 he is the CEO and owner of OPAN concept SA a fast growing and innovative civil engineers and energy consultant company. In 2012, he became member of the Expert Council SIA for Energy.

OPAN concept SA : Innovative Swiss civil& energy engineering consultants and tendering experts. As a new leading Swiss engineering company, we plan and supervise any infrastructure or superstructure project. We also offer strategic advices and project management for complex project. Fully involved in and passionate about sustainability, our company was awarded with PRIDE, the sustainability award of Neuchâtel, in addition to our Ecoentreprise and climate neutral certification.

OPAN concept SA
Civil Engineer SIA
Ruelle Vaucher 22, Case postale 686, CH-2002 Neuchatel, Switzerland
phone +41 32 723 77 77, e-mail neuchatel@opan.ch
www.opan.ch

Erdjan Opan, CEO & Owner
mobile phone +41 76 566 27 30, e-mail e.opan@opan.ch

Timothy Papandreou



Timothy Papandreou
Director, Strategic Planning & Policy
Co-Chair Mayor's Vision Zero Traffic Safety Task Force
SFMTA | Municipal Transportation Agency
1 South Van Ness Ave, 7th Floor SF, CA 94103
Office: 415 701 4333, Mobile: 415 297 8493
timothy.papandreou@sfmta.com
www.sfmta.com

Craig Perkins



Craig Perkins is President and Executive Director of The Energy Coalition. Prior to joining The Energy Coalition, Mr. Perkins was Director of Environmental and Public Works Management for the City of Santa Monica where he was responsible for the water, wastewater, solid waste, recycling and stormwater utilities; managed the design, construction and maintenance of City buildings and infrastructure; developed and implemented alternative fuel vehicle and renewable energy programs; and created and directed Santa Monica's Sustainable City Plan which has received numerous national and international awards. Mr. Perkins received his undergraduate degree from the University of California at Berkeley and his Masters degrees from UCLA and California State University Dominguez Hills. He serves as the Mayor's appointee on the Los Angeles Stormwater Oversight Committee, is a Board member of Heal the Bay and other environmental groups and is a member of the Southern California Association of Government's Global Land Use and Economics Committee.

The Energy Coalition (TEC) is a leading California nonprofit in the energy field. TEC helps create an abundant and healthy world by inspiring others to become energy architects of our sustainable future. Working through our three core service areas – smart energy solutions, engagement and education, and energy policy leadership – we collectively achieve [valuable environmental savings](#) that benefit everyone. TEC is a leader in partnering with communities, public agencies, private companies, educators and policy makers to design, implement and evaluate energy strategies. Our initiatives transform energy use, generate capital and move people to action. TEC brings deep experience and expertise to ensure effective delivery "on the ground." Our innovative design and implementation portfolio includes such programs as [PEAK Student Energy Actions](#) – a comprehensive sustainability education program which launched in 1975 and now reaches over 150,000 students; [The Energy Network](#) energy efficiency strategy, which provides turnkey

energy efficiency services available to over 700 public agencies; [The Community Energy Partnership](#), a community-based education and engagement strategy pioneered by TEC in 1994 and now adopted by CA's four investor-owned utilities, and; [TEC's Predictive Analytics Customer Engagement Strategy](#) which is leading the way to drive sustainable water and energy behaviors. In addition, TEC leads energy policy development through research, implementation of demonstration projects, drafting policy white papers and facilitation of California policy working groups.

Craig Perkins, President & Executive Director
Generating Capital for Communities Through Energy
Tel: 949-701-4646 x.20 | Cell: 949-355-5964
cperkins@energycoalition.org | www.energycoalition.org

Andreas Pfeiffer



Andreas Pfeiffer, Leiter Nachhaltigkeit
Implenia Schweiz AG
Technical Support
Industriestrasse 24, CH-8305 Dietlikon
Tel. +41 58 474 74 74
Direkt +41 58 474 05 16
Mobile +41 79 503 63 91
andreas.pfeiffer@implenia.com, www.implenia.com

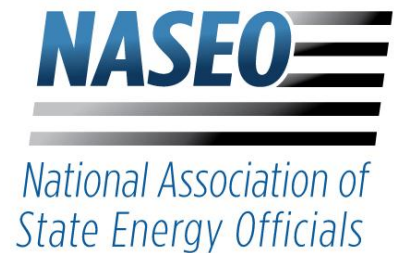
Friederike Pfromm



Friederike Pfromm: Born in Switzerland, studied architecture in Berlin, own architectural firm in Berlin, teaching at the Bauhaus University Weimar, leading the building department in a medium sized enterprise in Buchen/Odenwald, division manager of the building department of the city of St.Gallen, head of the real estate department of the city of Lucerne, responsible for the development and building of the city's own real estate projects.

Friederike Pfromm, Stadtbaumeisterin
Stadt Luzern
Hirschengraben 17, 6002 Luzern
Tel.: 041 208 85 11, Mail: friederike.pfromm@stadtluzern.ch, Internet: www.stadtluzern.ch

Cassie Powers



Cassie Powers is a Program Manager with the National Association of State Energy Officials (NASEO). NASEO is the national non-profit association for the governor-designated energy officials from each of the 56 U.S. states and territories. NASEO facilitates peer learning among state energy officials, serves as a resource for and about state energy offices, and advocates the interests of the state energy offices to Congress and federal agencies. As Program Manager, Cassie works with state energy offices to support transportation and clean energy programs, as well as energy efficiency in multi-family dwellings. She is currently working with stakeholders across the U.S. to integrate alternative fuel vehicles into emergency response planning, and this effort will result in a set of tools that emergency planners can use to make their transportation systems more resilient to man-made and natural disasters. Prior to joining NASEO, Cassie was an Electric Vehicle Program Coordinator with Georgetown Climate Center, where she worked with state governments to support the development of electric vehicle policies and programs. She holds a Master's Degree in Urban and Environmental Planning from the University of Virginia, and a Bachelor of Arts from the College of William and Mary.

Cassie Powers, Program Manager
National Association of State Energy Officials (NASEO)
2107 Wilson Boulevard | Suite 850 | Arlington, VA 22201
Office: 703-299-8800 ext. 121
www.naseo.org, cpowers@naseo.org

Peter Qvist-Sørensen

Zurich University
of Applied Sciences



Peter Qvist-Sørensen is Head of the Center for Business in the Americas in the Department International Business at the Zurich University of Applied Sciences School of Management and Law (ZHAW SML). In addition, he is responsible for ZHAW's partnership with Cleantech Switzerland.

The ZHAW is one of the leading universities of applied sciences in Switzerland with eight different departments. Teaching, research, continuing education, consulting and other services are both scientifically based and practice-oriented. Graduates of the ZHAW have proven to be well-positioned for careers internationally and in an intercultural setting. About 11'000 students are enrolled at the ZHAW in a total of 26 Bachelor's degree programs and 13 consecutive Master's programs. The University also offers a broad range of continuing education courses, including over 40 Masters of Advanced Studies programs. 30 institutes at the ZHAW network their resources to provide business and industry with customized services.

The ZHAW is having the co-lead of the national energy competence center SCCER “Economy, Environment, Law and Behavior” and is therefore participating in the national research activities to reach the Swiss energy transformation.

The ZHAW School of Management and Law was founded in 1968 as one of the first educational institutions for business and administration in Switzerland as the HWV (Höhere Wirtschafts- und Verwaltungsschule). Today, the ZHAW SML is one of the leading business schools in Switzerland due to its internationally recognized programs. SML’s motto “Building Competence. Crossing Borders” reflects the school’s commitment to provide superior training and continuing education opportunities and be open to the international community. Since May 2015, the ZHAW SML is accredited by “Association to Advance Collegiate Schools of Business” (AACSB). The ZHAW SML is the first Swiss university of applied sciences which has obtained this prestigious seal of approval. Only about five percent of all business schools worldwide are accredited by AACSB. The SML maintains numerous cooperative relationships with selected partner universities all around the world and is working closely together with them in applied energy research programs, among others.

Peter Qvist-Sørensen, Head Center for Business in the Americas
ZHAW Zurich University of Applied Sciences
School of Management and Law
Stadthausstrasse 14, P.O. Box, CH-8401 Winterthur, Switzerland
Phone: +41 58 934 62 93, Cell: +41 79 698 08 76
E-Mail: peter.qvist-sorensen@zhaw.ch Web: <http://www.zhaw.ch/en>

Pedro M. Reyes



Dr. Pedro M. Reyes received his Ph.D. in Operations Management from the University of Texas at Arlington. He is an associate professor of operations & supply chain management in the Hankamer School of Business, Baylor University and is the Director for the Center of Excellence in Supply Chain Management. Dr. Reyes received the IBM Smarter Planet Faculty Innovation Award for “*Smart Emergency Response and Humanitarian Supply Decision System*” (2011). He received the Hankamer School of Business Young Researcher Award (2005) and was recognized by the UTA College of Business as a *Lawrence Schkade Research Fellow* (2002).

Dr. Reyes' interests consist of global supply chain and logistics operations planning and control systems and in the past few years has also been researching humanitarian operations and crisis management along with sustainable global supply chains. His interest in sustainable global supply chains include green product and process development, lean and green operations, and remanufacturing and closed-loop supply chains. Dr. Reyes has more than 50 academic and professional presentations, including international presentations in China, Indonesia, Spain, France, Mexico, Canada, and Argentina. He is also the author of *RFID in the Supply Chain*, 2011 (McGraw-Hill) and co-author of *Product Recalls in the Global Supply Chain: Challenges and Strategies*, 2015 (Business Expert Press).

Pedro M. Reyes, Ph.D.
Associate Professor of Operations & Supply Chain Management
Director, Center for Excellence in Supply Chain Management
Baylor University
Department of Management
Hankamer School of Business
One Bear Place #98006
Waco, TX 76798-8006
254-710-7804
pedro_reyes@baylor.edu, http://business.baylor.edu/Pedro_Reyes/

Peter Richner



Materials Science & Technology

Dr. Peter Richner graduated in chemistry from ETH Zurich. After a postdoc in the US, he built up a new research group at Empa in the area of ultra trace analysis. Later on, he became head of the Laboratory for Corrosion and Surface Protection. Since 2002 he is head of the Department of Civil and Mechanical Engineering at Empa and since 2012 he also acts as Deputy Director. Peter Richner is active in many national and international bodies. He initiated the NEST project (nest.empa.ch) and he also leads the Swiss Competence Center in Energy Research “Future Energy Efficient Buildings and Districts” www.sccer-feebd.ch.

Empa – Materials and technologies for a sustainable future: As an interdisciplinary research institute of the ETH Domain, Empa, the Swiss Federal Laboratories for Materials Science and Technology, conducts cutting-edge materials and technology research. Empa’s R&D activities focus on meeting the requirements of industry and the needs of society, and thus link applications-oriented research to the practical implementation of new ideas. As a result, Empa is capable of providing its partners with customized solutions that not only enhance their innovative edge and competitiveness, but also help to improve the quality of life for the public at large. Through an efficient technology transfer Empa is turning research results into marketable innovations.

EMPA

Peter Richner, Deputy Director
Ueberlandstrasse 129, 8600 Duebendorf, Switzerland
Phone + 41 58 765 41 40, peter.richner@empa.ch

Jürg Rohrer

Zurich University
of Applied Sciences



Jürg Rohrer holds a degree in mechanical engineering from ETH Zurich. Before joining ZHAW in 2010 he owned several companies in the IT and environmental industries. He is now the head of the research group 'Energy Efficiency & Solar Technology', and lecturer for renewable energy systems.

ZHAW Zurich University of Applied Sciences, Institute of Natural Resource Sciences Research in the Institute of Natural Resources Sciences focuses on the sustainable use of natural resources in both urban and rural areas, aiming to integrate economic, social and ecological goals. Main topics are renewable energy systems and energy efficiency. The research group 'Energy Efficiency & Solar Technology' is engaged in e.g. the development of tools to optimize planning of large PV plants in rural areas for high shares of power production in the morning, evening, or during winter time. Further research topics comprise the integration of renewable energy systems into local power networks (smart microgrids), and the application of combined PV and thermal modules for heating and cooling of buildings. Using an interdisciplinary approach we also investigate how small enterprises can be motivated to implement energy efficiency measures despite nearly negligible energy costs.

Jürg Rohrer

Lecturer, Head of Research Group Energy Efficiency & Solar Technology

Institute of Natural Resource Sciences

ZHAW Zurich University of Applied Sciences

School of Life Sciences and Facility Management

Grüental, Postfach, CH-8820 Wädenswil

phone +41 58 934 54 33, E-Mail juerg.rohrer@zhaw.ch

Internet www.iunr.zhaw.ch/erneuerbareenergien

Thomas Rosenberg



With an MSc in Natural Sciences from ETH Zürich and a PhD in Climate Sciences from Bern, the Swiss government sent Thomas Rosenberg to South Sudan to manage a humanitarian water project. Back home, I joined the energy sector with a MAS in "Energy Engineering of Buildings" and became team leader at NBG Engineers in Bern. Our team develops energy concepts and assesses the sustainability of buildings.

Since 1982 NBG (www.nbg.ch) offers innovative and effective engineering solutions in building technology planning. As a small- to medium-sized enterprise with 46 employees, NBG has its headquarter in Bern. Three branch offices in St. Gallen, Solothurn and Visp enable us to cover a large part of Switzerland. Passionate to preserve the beauty of our planet for future generations, NBG has always been guided by the concept of sustainability.

Thomas Rosenberg, Teamleader Energy and Sustainability
Schanzenstrasse 1, 3008 Bern, Switzerland
Phone +41 31 310 00 00
Cell +41 79 568 90 75
thomas.rosenberg@nbg.ch

Arno Schlueter



Arno Schlueter is Professor of Architecture and Building Systems at the Institute of Technology in Architecture (ITA) at the Department of Architecture, ETH Zürich. He holds a degree in architecture from the Technical University of Karlsruhe, a postgraduate Master of Advanced Studies in CAAD and a PhD in building systems from ETH Zürich. In his work he focuses on sustainable building systems, their integration into architecture and urban design using computational methods for design, analysis and optimization. In 2009 he co-founded the ETH spinoff KEOTO AG, where he is currently part of the management board. In 2010 he was appointed Assistant Professor of Architecture & Sustainable Building Technologies (SuAT) and in 2014 Full Professor of Architecture and Building Systems (A/S) at the Institute of Technology in Architecture (ITA), ETH Zurich. Since 2013 he is also module leader at the Future Cities Lab (FCL), Singapore. Along with his team his work has been published in scientific journals, magazines and books and was awarded several prizes. Arno Schlueter is member of the ETH Energy Science Center (ESC) and the ETH Foundation Partnership on Sustainable Construction.

Prof. Dr. Arno Schlueter
schlueter@arch.ethz.ch
Phone +41 44 633 93 91
Chair of Architecture and Building Systems
Institute of Technology in Architecture (ITA)
ETH Zurich / Building HPZ / Floor G
John-von-Neumann Weg 9 / CH-8093 Zurich
<http://systems.arch.ethz.ch>

Singapore-ETH Centre (SEC)
Future Cities Laboratory (FCL)
Module Leader
CREATE National University of Singapore (NUS)
www.futurecities.ethz.ch

Henrique Schneider



The Swiss Federation of Small and Medium Enterprises sgv is the largest umbrella organization of the Swiss economy. The sgv represents the political interests of its 300'000 members. It focusses on free markets, business friendly regulatory framework as well as on competition through innovation.

Henry Schneider is the Chief Economist of the Swiss Federation of Small and Medium Enterprises sgv. He studied economics in St. Gall (Switzerland), Baltimore (USA) and Qingdao (China). Additionally, he serves in non executive boards of companies in Switzerland and abroad.

h.schneider@sgv-usam.ch

Swapnil Shah



Swapnil Shah, Swapnil Shah, Co-Founder and CEO, FirstFuel Software, has built his career building winning IT companies. He is a seasoned entrepreneurial leader with 20 years of experience leading software companies into innovative markets. He was a key founder of three companies that went on to an IPO or acquisition, including Open Environment (IPO), WebSpective Software (acquired by Inktomi) and mValent (acquired by Oracle). Swap holds a BS from Cornell University.

sshah@firstfuel.com

Christian R. Scorzoni



Christian Scorzoni is an attorney at Travaglini, Eisenberg & Kiley. Drawing upon his years of experience working with the legislative and executive branches of state government, Christian advises a wide cross-section of businesses and non-profits in developing successful public affairs strategies. Immediately prior to joining the firm, Christian served as an Assistant Secretary at the Massachusetts Executive Office of Energy & Environmental Affairs where he led the policy development and legislative passage of 6 landmark pieces of legislation addressing clean energy, biofuels, oceans management, and climate change including the 2007 Green Communities Act. Prior to that, Christian served as General Counsel and Deputy Chief of Staff to the Massachusetts Senate President between 2003 and 2007, focusing largely on environmental,

healthcare, and children's issues. Christian received his B.A. from American University and his J.D. from Suffolk University Law School.

Christian R. Scorzoni
Travaglini, Eisenberg, Kiley LLC
One International Place, Suite 1820, Boston, MA 02110
christian.scorzoni@tekboston.com, ph: 617.439.7775, mo: 617.650.2213

Angelika Siegfried



Angelika Siegfried, Master of Science in Environmental Sciences ETHZ: As project manager Angelika Siegfried is in charge of the international coordination of the mandate European Energy Award®. This involves: Development of the eea instruments with the international stakeholders and the online application of these instruments; Quality assurance and harmonisation of the process and evaluation with international auditors; Supporting national implementations of the European Energy Award®, currently in Eastern Europe and Northern Africa; Communication towards our stakeholders and especially other European initiatives for municipalities

Brandes Energie AG was founded 1995 in Zurich and is today an enterprise with 11 collaborators. Sustainability in energy policy, in energy supply and in the energy sector is our concern. We support our customers and partners in elaborating application-oriented strategies, projects and successful management. We operate on municipal, cantonal, national and international level. Our mandatories are public and private bodies. Brandes Energie is the managing office of the association European Energy Award® and the association for Environmentally Sound Energy (VUE).

The label that is managed by the Association European Energy Award®

The European Energy Award® (Swiss name: Energiestadt, Cité de l'énergie, Città dell' energia) was founded over 20 years ago in Switzerland and jointly developed and improved with international partners. Presently, this management instrument for municipal energy policy is an integrated part in implementing national energy strategies in Switzerland, Germany, France, Austria, Luxembourg, Italy, Liechtenstein and Monaco. Furthermore it is tested in Romania, Ukraine, Serbia, and Morocco and in an adapted version in China. Hence, the European Energy Award® is the most successfully exported Swiss innovation in the field of energy policy.

International Office, European Energy Award

Molkenstrasse 21
CH-8004 Zurich
Tel +41 (0)44 213 10 22
angelika.siegfried@european-energy-award.org
www.european-energy-award.org

Carina Steiner



Carina Steiner (born in 1979, a Swiss national) is the Managing Director of Cleantech Switzerland since June 2012. She joined the Cleantech Switzerland team in 2010. Cleantech Switzerland is the sector's national export platform and was created by the Federal Government in 2010 as an economic stabilisation measure in response to the global economic crisis. Cleantech Switzerland is a powerful interface between Swiss companies and foreign project and business partners. Cleantech Switzerland's work is supported by a central database (Cleantech Cube) containing detailed profiles of nearly 400 Swiss companies.

Before joining Cleantech Switzerland, Carina worked for the Federal Government and project managed the bilateral negotiations between Switzerland and the EU in the areas of agricultural products, public health and food safety. Prior to that, she was a Consultant for McKinsey & Company and worked on projects in Europe and North Africa. Whilst at McKinsey, Carina Steiner specialised in supporting public sector organisations. Carina Steiner holds a Masters in International Relations, studying at the Universities of St. Gallen and Geneva.

Cleantech Switzerland

Carina Steiner, Managing Director
Herrenacker 15, CH-8200 Schaffhausen
Tel.: +41 52 560 06 22, Fax: +41 52 674 06 09
Tel. direkt: +41 52 560 06 31
Mail: carina.steiner@cleantech-switzerland.com
www.cleantech-switzerland.com

Minoo Tehrani



Dr. Minoo Tehrani has a Ph.D. from Arizona State University in Business Administration with Strategic and International Management as her areas of specialization. Dr. Tehrani is a professor and the Director of International Business Major at the Gabelli School of Business, Roger Williams University. Her publications are in the areas of strategic alliances, multinational corporations, trade pacts, and sustainability. She has been involved with the Decision Sciences Institute (DSI) in different capacities and has served on its board. She has been President / Program Chair of several successful conferences, including the International DSI 2009 in Nancy, France, the Northeast DSI 2011 in Montréal, Canada, International DSI 2013 in Bali, Indonesia, and Northeast DSI 2014 in Philadelphia. She is currently President of the Northeast DSI, co-program chair of Asia Pacific DSI 2015, Hong Kong. and co-chair of the 2nd International Conference on

Supply Chain for Sustainability, Hong Kong, July 2015. Dr. Tehrani is one of the co-organizers of the World Congress DSI Conference that will be held in Beijing, China, July 2016.

Roger Williams University, located on the coast of Bristol, Rhode Island, is a forward-thinking private university with 45 undergraduate majors spanning the liberal arts and the professions, where students become community-minded citizens through project-based, experiential learning. With small classes, direct access to faculty and boundless opportunity for real-world projects, RWU students develop the ability to think critically while simultaneously building the practical skills that today's employers demand. In the two years since launching its signature Affordable Excellence initiative, the University has established itself as a leader in American higher education by confronting the most pressing issues facing students and families – increasing costs that limit access to college, rising debt and the job readiness of graduates. In addition to its 4,000 undergraduates, RWU is home to more than a dozen graduate programs, a thriving School of Continuing Studies based in Providence as well as Rhode Island's only law school.

mtehrani@rwu.edu

www.rwu.edu

Dieter Többen

eicher+pauli

Planer für Energie- und Gebäudetechnik

Dieter Többen is CEO. The HVAC-engineer with degrees in economics and environmental affairs is also leading the CAS in energy efficiency in buildings as a part of the energy master degree at the FHNW. He also is part of different boards of directors in other companies.

eicher+pauli is an engineering company specialised in energy and building technology that exists since nearly 30 years. Having seven branches in Switzerland with a total of 150 employees, eicher+pauli is involved in different kinds of projects. Since the early ages eicher+pauli is specialised in renewable energies and energy efficiency, experiences in this field are therefore broad and wide. Many buildings or even sites were already energetically designed to improve successfully energy efficiency and reduce or completely eliminate CO₂ emissions. Having won 4 times the Watt d'Or in the last 6 years and other national and international awards, emphasises the competence and degree of innovation within the company. In 2015, eicher+pauli won the Watt d'Or with a big data centre which is cooled only by air and rainwater and which got the highest security standard TIER IV.

Dieter Tobben, CEO / Vice President
mobile phone +41 79 779 46 45
e-mail dieter.toebben@eicher-pauli.ch

Dr. Eicher + Pauli AG, Stauffacherstrasse 65, CH-3014 Bern, Switzerland

Lars van der Haegen



Lars van der Haegen has been CEO of the Belimo Group since July 2015. Prior to that, he was employed in various positions at Belimo, from 2000 to 2002 as Head of Product Management Air Volume Control Europe; from 2003 to 2006 he served as Head of Product Management and Marketing at Belimo Americas in Danbury, CT (USA); from 2007 to 2010 he was managing director of Belimo Italy, and from 2011 to June 2015 he was Head of Americas and Member of the Executive Committee. Mr. van der Haegen is a Building Technology Designer who also holds Master degrees from both Columbia Business School in New York and London Business School.

Belimo is global market leader in the development, production and marketing of actuator solutions for controlling heating, ventilation, and air conditioning systems. Actuators and control valves make up the company's core business. Belimo generated sales of CHF 494 million in 2014. The company employs more than 1,450 people worldwide. The shares of BELIMO Holding AG have been traded on the SIX Swiss Exchange since 1995 (BEAN). Belimo has received multiple awards for innovative products such as the Belimo EnergyValve™ (www.energyvalve.com)

BELIMO Holding AG
Brunnenbachstrasse 1
8340 Hinwil
www.belimo.ch
Lars.vanderHaegen@belimo.ch

Joris Van Wezemaal



PD Dr. Joris Van Wezemaal has been trained as an economic geographer, architectural sociologist, town planner and economist. In his academic work he contributed to concepts of collective decision-making in spatial planning and urbanism. Currently he teaches at the Department of Architecture (ETH Zürich) and at the Centre for Urban and Real Estate Management (UZH). As a portfolio manager with Pensimo he is responsible for a Swiss Portfolio, and he deals with issues that concern corporate responsibility and organisational learning.

Pensimo Management AG is a Real Estate Investment Manager. The firm runs five real estate investment foundations for qualified investors (pension funds) and, by means of a subsidiary, one listed real estate fund. It is vertically integrated and controls a number of property management firms. The main focus is on Switzerland.

Joris Van Wezemaël

Portfoliomanager, PD Dr. / SIA

Direkt +41 43 255 21 07

Mobil +41 78 764 39 81

joris.vanwezemaël@pensimo.ch

Pensimo Management AG

Obstgartenstrasse 19

Postfach 246

CH-8042 Zürich

www.pensimo.ch**Karl Viridén**

Viridén + Partner AG currently has a team of six. We maintain successful cooperation with a number of specialists and have an extensive network of contacts. Viridén + Partner was registered as a partnership on 1st October 2000 as the successor to Architekturbüro Viridén, a sole proprietorship established in July 1990. Since May 2004, the office has been run as limited company.

We carry out reconstructions and renovations according to ecological criteria. We try to reduce environmental pollution by more than factor four by creating buildings with a low energy consumption. Our renovations reach the Minergie® Standard without any difficulty, and since April 2004, we have been renovating buildings to passive house standard. We also strive to complete building projects within the shortest construction time possible.

Viridén + Partner AG

Zweierstrasse 35, CH-8004 Zurich, Switzerland

phone +41 43 456 80 80

e-mail mail@viriden-partner.chwww.viriden-partner.ch

Karl Viridén, CEO

mobile phone +41 76 383 29 61, e-mail viriden@viriden-partner.ch

Martin Vontobel



Martin Vontobel

Electrical Engineer/MBA
Product Marketing Manager
Building Automation Solutions

ABB Switzerland Ltd.
Low Voltage Products
Brown Boveri Platz 3, CH-5400 Baden
Phone: + 41 58 586 4224
Mobile: + 41 79 317 8504
email: martin.vontobel@ch.abb.com www.abb.com

Dunwei Wang



Dunwei Wang is currently an associate professor of chemistry at Boston College. He is leading a research team focused on solar energy harvesting and storage. More specifically, we research how to generate fuels using directly harvested solar energy and technologies for the next generation batteries. The results of the research team have resulted in more than 50 highly cited, peer-reviewed publications and more than 10 US and international patents (including pending applications) in less than 8 years of our tenure at Boston College. In addition, he was an awardee of the MassCEC Catalyst Award in 2011.

Dunwei Wang
Department of Chemistry
Eugene F. Merkert Chemistry Center, Boston College
2609 Beacon St., Chestnut Hill, MA 02467-3961
Email: dunwei.wang@bc.edu
Tel: 617-552-3121
URL: <http://www2.bc.edu/dunwei-wang>

Christina Wuerthner



Dr. Christina Wuerthner is a Managing Director of Trapeze Group Europe, Neuhausen, in charge of M&A and New Market Development. She will join the consulting and software startup enersis suisse AG as CFO and Head Strategy as of October 1st this year. In the past 19 years Christina has held various management positions in network-based and high-tech companies ranging from medium-size buy-outs (Trapeze Group, KVT Solutioneering Group) to large multinational German blue-chips (Lufthansa AG, Siemens AG, Continental AG). In those companies she headed start-up operations, strategy/BD departments and global product portfolio units mostly active in mobility and transportation. Christina built tremendous experience in starting, restructuring and expanding international business operations including delegations to China and Brazil. She is a Board member of Trapeze Finland Oy and has an advisory role in 2 family companies (security, advertising). Christina is a dedicated entrepreneur and enjoys the challenges of starting things from scratch seeing them grow and is convinced of the benefits of a globalized business world. She holds a doctoral degree from Johann Wolfgang Goethe-University, Frankfurt, Germany with a thesis on “Transnational Service Company Management” and an MBA from European Business School, Oestrich-Winkel.

Trapeze is a world-leading supplier of public transport IT solutions. The company supplies state-of-the-art software for planning & optimization, operations & control systems (ITS) and mobile applications to passenger transportation companies around the world. Trapeze products increase public transport efficiency, improve the quality of services and transport more people at lower costs. With these solutions Trapeze contributes to a sustainable and energy efficient public infrastructure and an attractive living environment. The European HQ of Trapeze Group and ITS business unit HQ is Trapeze Switzerland GmbH located at Neuhausen/ Rhinefalls. The ITS business unit is in charge of global business operations in this business field except North America. For more information visit www.trapezegroup.com (region Europe). Trapeze Group is a member of Constellation Software Inc. (TSX: CSU).
christina.wuerthner@trapezegroup.com

Michael Zogg



Head of the Energy Management Services Division at the Federation of Migros Cooperatives. Responsible for the energy management-system of Migros, development of best practice and know-how transfer in metering topic, energy management in the Migros stores. Previously project manager for HVAC at Siemens Building Technologies, Volketswil. Studied at Rapperswil University of Applied Sciences of Eastern Switzerland (FHO).

MES – Migros Engineering Solutions, the Energy and Building Services department, is responsible for strategic planning in the energy sector, development of best practice and know-how transfer in the energy, refrigeration and building services area within the Migros Group. Further the division is in charge of the Migros EnAW energy model groups, planning of refrigeration and building services equipment, energy management in the Migros stores, electricity purchasing competence centres

Michael Zogg, Head of Energy management
Federation of Migros Cooperatives
MES - Migros Engineering Solutions
8031 Zürich
Telephone +41 44 277 30 57, E-mail Michael.zogg@mgb.ch

Marianne Zünd



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Federal Office of Energy SFOE

Marianne Zünd is Head of the media & politics division, chief communication officer and member of the management board of the Swiss Federal Office of Energy SFOE since 2003. Prior to this assignment she worked at the Swiss Nuclear Safety Inspectorate ENSI as a manager of Swiss bilateral technical cooperation projects in the field of nuclear safety and of ENSI's regulatory nuclear safety research program and was board member of the Center for Nuclear Safety in Eastern Europe (CENS) in Bratislava. Before that she was a senior consultant at Amstein + Walthert AG Consulting in Zurich where she established a corporate R&D program and was mandated as deputy managing director of Novatlantis at ETH Zurich. Marianne started her professional career as a scientific officer at the Swiss Federal Office for Education and Sciences responsible for the management and coordination of Swiss participants in the R&D framework programs of the European Union. From there she moved on to Swissmem (Association of the Swiss mechanical and electrical engineering industries) where she acted as the national contact point for European R&D programs (Energy, EURATOM, Industrial Technologies) and national coordinator of the ESA technology transfer program (European Space Agency). Marianne holds a MSc in Plant Physiology from the University of Bern, a Postgraduate Diploma in Research and Higher Education Policy from the Federal Institute of Technology in Lausanne (EPFL) and is fluent in German, English and French.

The Swiss Federal Office of Energy (SFOE) is the country's competence center for issues relating to energy supply and energy use at the Federal Department of the Environment, Transport, Energy and Communications (DETEC).

Marianne Zünd, Head of the Media + Politics Division, Member of the board of directors
Federal Department of the Environment, Transport, Energy and Communications DETEC
Swiss Federal Office of Energy SFOE
Muehlestrasse 4, 3063 Ittigen, Postal Address: Swiss Federal Office of Energy, 3003 Bern
Phone +41 58 462 56 75, Cell +41 79 763 86 11
marianne.zuend@bfe.admin.ch www.bfe.admin.ch
