
Focus Group Discussion on “Transit Oriented Development & micro mobility solutions for cities.” organised by swissnex India and the Swiss Science and Technology Office (S&T) Singapore

Overview

Over the last two decades, Swiss universities have strengthened their outreach to industry and their capacities to produce “spin-offs” and encourage entrepreneurial thinking. Going international and understanding the global markets was (and is) a key component of such start up and entrepreneurship programs. With both India and Singapore working on making an impact on the global stage both in the academia and start-up domains it makes sense to get the two major Asian economies together along with Switzerland which has been a major force in innovation.

swissnex India and the Swiss Science and Technology Office (S&T) Singapore is organising a curated focus discussion group comprising researchers and experts from EPFL Lausanne, ETH Future Cities Lab (FCL), Singapore, SUPSI Lugano, WRI India and swissnex India to throw light on the current market trends and studies on urban planning, transportation policy and electric mobility from the Swiss, India and Singaporean perspective.

The objectives would be to:

- Understand the various approaches, planning principles and policies being utilised in these countries and explore synergistic opportunities.
- Have a curated audience where you have top researchers, industry players and start-ups coming together on this platform and have an informative session with the goal of exploring collaboration opportunities and learning from individual country scenarios.
- swissnex India and the Swiss Science and Technology Office (S&T) Singapore would be happy to facilitate and curate opportunities for collaboration between Switzerland and India as well as between Switzerland and Singapore.

About the speakers

Prof. Dr. Kay. W. Axhausen - Department of Civil, Environmental and Geomatic Engineering, ETH Zurich



Dr. K.W. Axhausen is Professor of Transport Planning at the Eidgenössische Technische Hochschule (ETH) Zürich. Before he worked at the Leopold-Franzens Universität, Innsbruck, Imperial College London and the University of Oxford. He has been involved in the measurement and modelling of travel behaviour for the past 35 years contributing especially to the literature on stated preferences, micro-simulation of travel behaviour, accessibility, valuation of travel time and its components, parking behaviour, activity scheduling and travel diary data collection. His current work focuses on the micro-simulation of daily travel behaviour and long-term mobility choices

along with the evaluation of various transport projects.

Prof. Dr. Mario Paolone – Distributed Energy Systems Laboratory, EPFL



Dr. Paolone received the M.Sc. (Hons.) and Ph.D. degrees in electrical engineering from the University of Bologna, Italy, in 1998 and 2002. In 2005, he was an Assistant Professor in power systems with the University of Bologna, where he was with the Power Systems Laboratory until 2011. Since 2011, he has been with the Swiss Federal Institute of Technology, Lausanne, Switzerland, where he is currently a Full Professor and the Chair of the

Distributed Electrical Systems Laboratory. His research interests focus on power systems with particular reference to real-time monitoring and operation aspects, power system protections, dynamics and transients. He has received numerous awards including the 2013 IEEE EMC Technical Achievement Award, two IEEE Transactions on EMC best paper awards and the Basil Papadias best paper award at the 2013 IEEE PowerTech. Dr. Paolone was the founder Editor-in-Chief of the Elsevier journal Sustainable Energy, Grids and Networks.

Prof. Dr. Roman Rudel - Head of the Institute ISAAC (SUPSI), Southern Switzerland



Roman Rudel's academic background is in Geography and in particular the complex relation between socio-economic development and the environment. He received a Ph.D. from the University of Fribourg (CH) for a thesis on the ecological transformation of the industrial society, has over 20 years of research experience in the field of technological and institutional innovations applied to the mobility and energy sector and was member of the first national action plan on sustainable development. Since 2008 he is head of the Institute for Applied Sustainability to the Built Environment at the

University of Applied Sciences in Southern Switzerland with a strong focus in renewable energy production such as photovoltaics, energy efficiency in building, energy policy and behavioural changes.

Dr. Rahul Walawalkar - President & MD, Customised Energy Solutions (CES), India

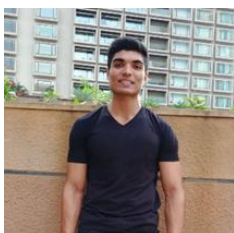
Dr. Walawalkar is the President and MD of Customized Energy Solutions India Pvt. Ltd. and leads the Emerging Technologies practice for Customized Energy Solutions globally with focus on energy storage, renewables, demand response and smart grid technologies as well as international markets. He is also founder & President for India Energy Storage Alliance (IESA). He served as member of the Board of Directors of Energy Storage Association (ESA) in US during 2009-15 and was elected as Secretary in 2013. He was elected as Vice Chair for Global Energy Storage Alliance (GESA) in 2014.

Mr. Sudeept Maiti - Senior Manager, Urban Transport, WRI India

Sudeept Maiti is a Senior Manager with the Sustainable Cities program at WRI India, responsible for leading the organization's engagement with new mobility enterprises for urban transport. Having organised multiple innovation challenges, Sudeept has engaged with various accelerator programs and worked with over 200 mobility solutions. With professional experience that is at the intersection of sustainable transport, urban planning and urban design, his work also includes strategy planning and on-ground implementation for safe access and public space design, and transit-oriented development (TOD) for cities.

Ms. Laurence Glass Haller - Science Counsellor, Embassy of Switzerland in Singapore

Laurence Glass-Haller is the Science Counsellor at the Embassy of Switzerland in Singapore where she promotes and strengthens bilateral cooperation between Singapore and Switzerland in the domains of education, research and innovation.

Mr. Cassius Castellino - Renewable Energy & Urban Transport Specialist, swissnex India

As the Renewable Energy & Urban Transport Specialist of the swissnex University Partnerships team, Cassius manages the academic programmes, programmes related to energy, E-mobility and the Science 4 Society focus area. He has managed market validation camps for Swiss start-ups and has coached Swiss mobility startups for their India market plans. He has had previous experience with organisations like the World Resources Institute (WRI) India, World Bank Institute (WBI) and Gateway House India.

Programme

Date of the meeting: Friday, October 23, 2020.

Time: 10.00 am – 11.30 AM Swiss time.

1.30 pm to 3.00 PM India time

4.00 pm to 5.30 PM Singapore time

Where: Zoom Video. Please find details below:

<https://zoom.us/j/97088515355?pwd=NCtSYzNMQzE0eUxId2FHd0ZlUy9LUT09>

Webinar ID: 970 8851 5355

Passcode: **336292**

Requesting participants to fill this google form if you want to attend this discussion:

https://docs.google.com/forms/d/e/1FAIpQLSeFypL4G0LF6Gd4jd3IjdbvyBPxA-TkPMsmkklqgBXvDwlrRg/viewform?usp=sf_link

or reach out to Cassius Castellino on cassius.castellino@swissnexindia.org

Opening remarks: Mr. Sebastien Hug – Consul General / CEO, swissnex India – Consulate General of Switzerland

Moderators: Mr. Cassius Castellino & Ms. Laurence Glass-Haller

Closing remarks: Mr. Cassius Castellino & Ms. Laurence Glass-Haller