

ON THE MOVE

CO-CREATING THE CHANGE

PROGRAM

Wednesday, 19 September 2018 | Kursaal Bern



"THE TIME IS RIPE."

DEAR PARTICIPANTS,

We live in fast-moving times. According to the latest figures from the Swiss Federal Statistical Office, the average Swiss person travels nearly 25,000 kilometres a year domestically and abroad. They travel by car, plane and public transport - more kilometres than a trip halfway around the world. The figures point to a major challenge: how can we bring sustainable development in our modern, fast-moving world? The requisite technologies and solutions are available. Buzzwords like electromobility and individualised public transport have saturated public debate.

What's needed now is for business and policy leaders to cooperate on people's day-to-day adoption of these trends, and we believe the 12th Swiss Energy and Climate Summit will be an ideal platform for this kind of cooperation. And we have

assembled another group of renowned speakers for the occasion: former German foreign minister Joschka Fischer, for instance, will be speaking on the current quite troublesome geopolitical situation and will be discussing its impact on energy and environmental policy, among other questions.

Mr Fischer faced the challenges with determination and pragmatism. And we should take note: the time for us to work on shaping tomorrow's world is now!

UELI WINZENRIEDPresident, SwissECS

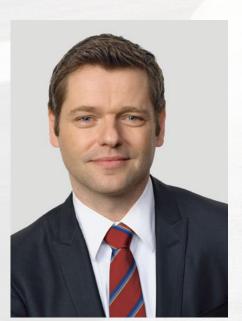
ON THE MOVE – CO-CREATING THE CHANGE

12th SWISS ENERGY AND CLIMATE SUMMIT

The facts are on the table regarding the challenges facing us in the areas of energy, climate and the environment. The technologies required are available, and energy policy guidelines have been drawn up, with the Paris Agreement and the Swiss Federal Council's Energy Strategy 2050 serving as signposts to the future. Now it's time for all the high-minded strategies and assurances to be followed through with concrete action. A successful energy and climate policy for the future will be driven by the companies involved, and the time has come to overcome hurdles, break down walls and move forwards so that, together, we can set things in motion and shape the world of tomorrow. The SwissECS 2018 will be held under the motto:

ON THE MOVE — CO-CREATING THE CHANGE

The 12th instalment of the leading conference on energy and climate change issues in Switzerland will be focussed on the opportunities inherent in change and an attempt to sketch out the next steps on the road to sustainable development, for instance in the areas of transport and mobility.



Moderator

URS GREDIG

Urs Gredig worked for the Swiss broadcasting company Schweizer Radio und Fernsehen from 2003 to 2017. Between 2007 and 2013, he was the anchor on the Swiss prime-time news program "Tagesschau" and then worked as a UK correspondent from 2013 to 2017.

At the start of 2018, Mr Gredig started a new job as Editor-in-Chief at CNN-Money Switzerland. After completing his degree in history and journalism, Mr Gredig worked variously as an editor, producer and TV show host in different formats.

FACTS & FIGURES

ITEMS OF INTEREST CONCERNING SWISSECS 2018

Date Wednesday, 19 September 2018, 8:30 a.m. to 16:30 p.m.

Venue Kursaal Bern, Kornhausstrasse 3, 3013 Bern

Speakers Approximately 20 speakers from Switzerland and abroad

Languages German/English/French (simultaneously interpreted)

Bookings at registration.swissecs.ch

Participants 600 top players from business, science, research and politics

Ticket prices Day-ticket incl. Networking Apéro CHF 640.—

• Special price for start-ups (established after 1 January 2013): CHF 185.—

• Special price for students (with valid university ID card): CHF 185 .-

PROGRAM ELEMENTS

PUT TOGETHER YOUR OWN INDIVIDUAL CONFERENCE PROGRAM



DEEP DIVE SESSIONS

Choose one of four sessions on relevant, future-oriented topics and gain a more in-depth knowledge on a current issue.



HOST SESSIONS

Learn more about the latest trends and developments in energy and climate change in the Host Sessions held by our partners.



EXPO ZONE

Selected companies and start-ups present forward-looking technologies and provide insights into the world of tomorrow.

SwissECS 2018 will now be held as a one-day conference. Visitors will benefit from concise knowledge and concrete added value – all conveyed in a short space of time.

LEYLA ACAROGLU

ENTREPRENEUR. UNEP CHAMPION OF THE EARTH 2016



WAKE-UP CALL

"DON'T LET TODAY'S **SOLUTIONS BECOME** TOMORROW'S PROBLEMS."

Theme: Push to the Edge

- Mindset for now and the future
- Sustainability and far-sightedness as drivers of innovation
- Creative solutions and systems approach

Leyla Acaroglu is an entrepreneur, prize-winning designer and sociologist. She has set up two design agencies, in New York and Melbourne, and the experimental knowledge lab "UnSchool". As a "doctor of change", she encourages others to see the world in unaccustomed ways and to shape a sustainable

future through clever design work. In 2016, the United Nations Environmental Programme voted her the year's "Champion of the Earth", honouring her creative thinking and achievements in the areas of knowledge and innovation

MATS GRANRYD

DIRECTOR GENERAL, **GSMA**



INDIVIDUALS GLOBALLY, **MOBILE IS ALSO TRANSFOR-**MING ENTIRE INDUSTRIES -UTILITIES, TRANSPORTATION, FINANCIAL SERVICES, **HEALTHCARE AND BEYOND."**

"CONNECTING 5 BILLION

Theme: What's Next?

- Mobile communication as driver of transformation
- Will 5G change the world?
- Technology and the environment: a symbiosis?

Mats Granryd leads the GSMA as its director general and member of its board. The GSMA represents the interests of mobile operators worldwide, uniting nearly 800 operators with more than 300 companies in the mobile ecosystem. Mats has a wealth of experience in the highly dynamic mobile communications indus-

try. Before joining the GSMA in 2016, he was President and CEO of Tele2, one of Europe's fastest-growing telecom operators and prior to that, he spent 15 years in various roles at Ericsson.







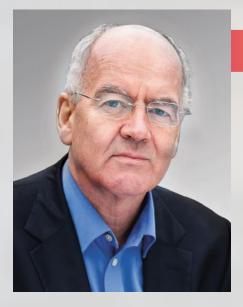






JOHN ELKINGTON

CHAIRMAN & CHIEF POLLINATOR, VOLANS



LOUNGE TALK

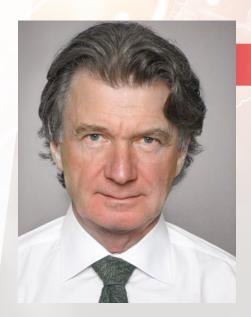
"CLIMATE CHANGE HAS THE POTENTIAL TO DERAIL THE GLOBAL ECONOMY WITHIN A FEW DECADES."

John Elkington is a passionate entrepreneur, author and a key pioneer worldwide in the area of corporate sustainability. He leads a program in partnership with the United Nations Global Compact (UNGC) titled "Project Breakthrough". This project is a platform for promising examples of sustainable innovation

among companies spanning from industry stalwarts to the next generation of entrepreneurs. John Elkington has written close to 20 books. In 2014, he published "The Breakthrough Challenge", together with Jochen Zeitz, the former CEO of PUMA.

ANDERS WIJKMAN

CO-PRESIDENT, CLUB OF ROME



LOUNGE TALK

Lounge Talk theme: Rethink the Economy

- Courageous entrepreneurship as a game changer
- On the move: Showing the way by example
- Shaping the future with leadership

The Swedish opinion leader and author Anders Wijkman has been co-president of the global think tank the Club of Rome since 2012. The Club strives towards creating a sustainable future for humanity. In 1999, Mr Wijkman was elected a Member of the European Parliament. Since then, the focus of his work in Strasbourg has been on the issues of climate change, energy policy and development cooperation. As chair of the governing board of

Climate-KIC, he is also oversees promotion of a low-carbon society at the EU level. Besides his involvement in government work, Anders Wijkman has written numerous books and reports on sustainability issues. In 2017, he was co-author of the much discussed book "Come On! Capitalism, Short-termism, Population and the Destruction of the Planet".













FAST FORWARD PIONEERS AND MAKERS

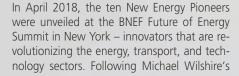


FUTURE OF ENERGY

Michael Wilshire leads BNEF's research across renewable energy generation, energy-smart technologies, and advanced transportation such as electric vehicles - with a particular interest in how these technologies will transform the energy and transport sectors. He has extensive experience as an energy policy maker.

Michael originally worked in the Department of Energy in the 1980s providing policy advice to UK Government Ministers. He has an MA in mathematics from Cambridge University and an MBA from the London Business School.

Bloomberg **New Energy Finance**





keynote speech, the winners will present their ground-breaking solutions in the challenging future of energy.

JOSCHKA FISCHER

GERMAN FEDERAL MINISTER FOR FOREIGN AFFAIRS VICE-CHANCELLOR (1998–2005)



LEADER OF THOUGHT

Theme: Turning Point

- Geopolitics and new world order: are we approaching a historical turning point?
- Will Europe be among the winners or losers?
- Unpredictability: impact of altered geopolitical power relations on energy and environmental policy

Joschka Fischer was Federal Minister for Foreign Affairs and Vice-Chancellor between 1998 and 2005. As foreign minister, he proved a skilful tactician in dealing with delicate issues such as the war in Kosovo, conflict in the Middle East and German-US relations. Mr Fischer laid the foundations for his successful political career in 1985 when he was sworn in as the Bundesrepublik's first Green-Party minister.

After retiring from politics in 2006, he lectured on international crisis diplomacy as a guest professor at Princeton University in the US. In 2007, the seasoned and sharp-tongued speaker founded Joschka Fischer Consulting.













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07:45 a.m. – 08:30 a.m. Check-in and welcome coffee 08:30 a.m - 08:40 a.m Opening speech Ueli Winzenried | President, SwissECS 08:40 a.m - 09:10 a.m Push to the Edge Leyla Acaroglu | Entrepreneur, UNEP Champion of the Earth 2016 What's Next? 09:10 a.m - 09:40 a.m Mats Granryd | Director General GSMA 09:40 a.m - 10:10 a.m **Rethink the Economy** John Elkington | Chairman, Chief Pollinator Volans Anders Wijkman | Co-President, Club of Rome 10:10 a.m – 11:00 a.m Networking break 11:00 a.m – 12:00 noon **Host Sessions** | Parallel program • GVB: Fit for the future? Successfully managing climate risks and natural hazards • ABB: "Clean, quiet, flexible": The future of urban transport is electric • **BKW:** The building at the core of the energy revolution • **UBS:** Investing for change and impact • BAFU/BFE: Cleantech innovations: How the federal government is promoting this sector

MORNING PROGRAM

19 SEPTEMBER 2018

AFTERNOON PROGRAM

19 SEPTEMBER 2018

12:00 noon – 01:30 p.m. Networking lunch

01:30 p.m. – 02:40 p.m. **Deep Dive Sessions** | Parallel program



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Transport & MobilityThree showcases



EnergyThe digital customer



Circular EconomyRecipe for the future?



Living & WorkingFrom living room to living space

02:40 p.m	03:00 p.m.	Transfer	break

 $03:00\ p.m.-03:45\ p.m. \quad \textbf{Fast Forward: Pioneers and Makers}$

Michael Wilshire, Head of Strategy & Digital Industry, Bloomberg New Energy Finance (Plenary speeches)

New Energy Pioneers (Pitches)

03:45 p.m. – 04:30 p.m **Turning Point**

Joschka Fischer | German Federal Minister for Foreign Affairs,

Vice-Chancellor (1998 – 2005)

04:30 p.m. – 06:00 p.m. Closing reception













DEEP DIVE SESSIONS

DIVE IN INVESTIGATE DISCOVER

The Deep Dive Sessions on four very current future topics, which are taking place at the same time, are highly practice-based, promote a dialogue between participants and the speakers,

and are guaranteed to provide added value for everyone in attendance. Choose one of the four Deep Dive Sessions and put together your own individual program.

Transport & Mobility
Three showcases The progress of technology is revolutionising mobility. Electric cars, self-driving vehicles and new forms of transport are developing at breakneck speed. This trend is being shaped among other things by changed patterns of consumption and digitalisation. Where will the journey take us? Which technologies and solutions are fit for the future and practicable? In these Deep Dive Sessions, we hear from the people who are developing promising solutions for efficient, integrated and resource-conserving mobility and transport systems. Three chosen companies will present their technologies and business models. Would you like to give a pitch? Find out more on page 24. We look forward to receiving your application.

CALL FOR PARTICIPATION

Page 24

In the age of the customer, innovative products with a substantial benefit to the customer and extraordinary experiences are crucial to a company's success. Although many companies attach great importance to the customer's experience, there is still work to be done when it comes to implementation in practice. How can companies, and energy providers in

particular, successfully build up a relationship with their customers? Which sectors are the pioneers in terms of customer experience? And what lessons have they learned? Take part in the discussion and reflect on your relationship with your customers.

Energy The digital customer

The experts will be announced at a later date.

CO-CURATION:

Ernst & Young AG und Energy Science Center, ETH Zurich

KEYNOTE PRESENTATION WITH: Colin McKerracher

Head of Advanced Transport Bloomberg New Energy Finance















Wir versichern Ihr Gebäude.

HOST SESSIONS

INDIVIDUAL ELECTIVE PROGRAM

In the Host Sessions, which are planned individually by the SwissECS partners, you can learn more about the latest trends and developments in the areas of energy, climate and technology. Take advantage of the experts' analyses, and take new food for thought

away with you. You can also take the opportunity presented by the Host Session to maintain your network and make new contacts. Choose one of the four Host Sessions and put together your own individual program.



GEBÄUDEVERSICHERUNG BERN

HOST SESSION

Fit for the future? Successfully managing climate risks and natural hazards

Climate change continues unabated. Along with temperatures, the frequency and severity of extreme weather events are also on the rise. In Switzerland, increasingly heavy precipitation and dry periods are expected. Appropriate strategies and measures in dealing with such events have long since been initiated. But even the best risk management cannot prevent damage. The keyword is resilience – i.e. the ability following a natural disaster to quickly and flexibly re-establish functioning structures.

What does this mean for Switzerland? Are we fit for crisis management? Which sectors have to give particu-lar attention to resilience? And what can we learn from other countries? These and other questions are at the centre of the host session with the expert, Prof. Dr. David N. Bresch.

- Extreme Weather Events and Crisis Management
- Resilience in a Swiss context
- Lessons for the future

WITH:

David N. Bresch

Professor for Weather and Climate Risks ETH Zurich/MeteoSchweiz

URS GREDIG

Editor-in-Chief, CNNMoney Switzerland (Moderation)























ABB

HOST SESSION

"Clean, quiet, flexible": The future of urban transport is electric

Modern flexible trolley buses or catenary-free electric buses with ultra-fast charging technology – the Host Session offers insight into the latest trends and current projects in Switzerland and abroad.

With ever-increasing urbanization, the demand for mobility in cities and urban areas is also growing. At the same time, global emissions need to be reduced. The transport sector and, in particular, the further electrification

of urban transport offer great potential here: In Switzerland 30 percent of CO₂ emissions come from this area. And the technology to reduce it is available. Battery prices are falling and charging infrastructures are becoming increasingly powerful. Especially in the case of buses, the trend is clearly toward electric

WITH:

ERNST ROTH

Head of the Robotics and Motion Division. ABB Switzerland



BKW

HOST SESSION

The building at the core of the energy revolution

One of the keys to a successful energy turnaround lies in our buildings, which still consume 50 percent of energy today. Unlike new or renovated houses. The solar installation on the roof charges the battery of new electric cars, distributes the produced energy intelligently to the various consumers throughout the house, thus allowing efficient consumption adapted to the actual demands.

The intelligent control of the individual components allows the building to become the core of the energy turnaround. Energy providers and planners, building specialists and vehicle suppliers are driving this development and exploiting its potential more and more. Martin Bolliger takes you on a journey into a future worth living, introduces innovative technologies and its drivers

- The modern building networked and equipped with innovative technology.
- Mobility and modern infrastructure an ideal duo for a future worth living.

WITH:

MARTIN BOLLIGER

Head of the BKW Technology Centre

PROF. ANDREA VEZZINI Professor at the University of Bern

MORTEN HANNESBO CEO AMAG Group AG

LOSINGER MARAZZI Speaker to be announced

KLAUS AMMANN

SRF presenter (Moderation)







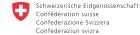












Swiss Confederation

Swiss Federal Office for Energy SFOE

Federal Office for the Environment FOEN

unc

UBSHOST SESSION

Investing for change and impact

Investments and capital procurement are extremely important when it comes to making our world more sustainable. The UN's 17 Sustainable Development Goals are a useful guide for investors who want to align their investment goals and their values.

Investors want answers to various questions: How can they gear their portfolios toward a lower carbon economy, help ensure better healthcare provision in developing countries, or combat water scarcity? All without sacrificing returns?

WITH:

MICHAEL BALDINGER

Head of Sustainable and Impact Investing, UBS Asset Management

We believe that the financial markets can make a significant contribution to bringing about change in society – along with social-oriented companies, banks, universities, and investors. Our aim is to make sustainability an everyday topic of discussion among our clients

- How does UBS assume its responsibility for sustainability?
- Which strategies can be adopted to address financial climate risks?
- How can we make our clients' investments more aligned to a lower carbon economy?

FOEN AND SFOE

HOST SESSION

Cleantech innovations: How the federal government is promoting them

The Confederation has various attractive funding instruments along the value chain, from research to market, that fund innovations in the cleantech sector.

In the Deep Dive Session you will gain an overview of the instruments at the disposal of the FOEN and SFOE to promote the market launch of cleantech innovations, such as financing pilot and demonstration projects, or offering guarantees for bank loans and contributions for the transfer of technology to other countries. Take advantage of the opportunity to get to know the people in charge of these four fun-

ding instruments of the federal government and to identify the right programme for your innovations.

- The promotion of cleantech innovations is of great importance to the federal government
- The government offers a number of instruments aimed at promoting cleantech innovations to market maturity
- The federal agencies coordinate their instruments in order to provide the best possible support to groundbreaking projects

WITH:

DANIEL ZÜRCHER

Deputy head of the economy and innovation division, FOEN

YASMINE CALISESI

Deputy head of the Cleantech section, SFOE

SIMONE RIEDEL RILEY

Head of the Technology Fund Management Agency

STEFAN NOWAK

Managing Director Repic.ch platform















GVBWir versichern Ihr Gebäude.

CALL FOR PARTICIPATION

BECOME PART OF SWISSECS 2018

Apply now for a pitch in the Deep Dive Session "Transport & Mobility" on 19 September 2018. You can find out more about this Deep Dive Session on page 14.

WE ARE LOOKING FOR ...

your forward-looking technology or your innovative business model relating to transport and mobility of the future.

WE ARE OFFERING ...

a unique opportunity to present your project at the SwissECS. In addition, you and a companion can take part in SwissECS 2018 free of charge.

Send us a short description of your project (max. 500 words) and your speaker's CV to innovation@swissecs.ch. Closing date: 31 July 2018.

We look forward to receiving your application.



EXPO ZONE AND NETWORKING ZONE

THE SWISSECS MEETING POINT

State of the art: in the Expo Zone, selected companies and start-ups will be presenting more pioneering technologies, services and products in energy and environmental tech-

nology. You can also make new contacts, share thoughts with like-minded colleagues, or discuss the content of the presentations.









GEBÄUDEVERSICHERUNG BERN

WWW.GVB.CH/KLIMA

Hurricanes, severe storms or record floods – weather events are becoming increasingly extreme worldwide. And the growing intensity of the events means increasing costs for our country.

Gebäudeversicherung Bern (GVB) provides statutory insurance in the Canton of Bern with unlimited coverage for all buildings against fire and natural hazards. Maintaining this coverage in the face of climate change requires new ways of thinking. GVB is meeting the challenges with broader support for the risks through additional insurance and advisory services in its subsidiaries. It is also relying strongly on preventive measures to minimise

losses and is engaging at various levels in climate policy.

For this reason, GVB is proud to be an initiator and sponsor of SwissECS and to help shape the dialogue about our future in the climate and energy sectors.

"We support our customers with advice on prevention in times of climate change, with over 200 local company experts."

Ueli Winzenried, Chairman of the Executive Board, Gebäudeversicherung Bern

ABB

WWW.ABB.COM

ABB is a pioneering technology leader in electrification products, robotics and motion, industrial automation and power grids, serving customers in utilities, industry and transport & infrastructure globally. Continuing a history of innovation spanning more than 130 years, ABB today is writing the future of industrial digitalization with two clear value propositions: bringing electricity from any power plant to any plug and automating industries from natural resources to finished products.

As title partner of Formula E, the fully electric international FIA motorsport class, ABB is pushing the boundaries of e-mobility to contribute to a sustainable future. ABB operates in



more than 100 countries with about 135,000 employees, thereof 6,000 in Switzerland.

"Our digital solutions enable our customers to become more efficient, sustainable and more competitive, be it in power transmission, industry, mobility or in buildings."

Robert Itschner, Country Manager Director, ABB Switzerland



BKW

WWW.BKW.CH

The BKW Group is a Bern-based international energy and infrastructure company employing more than 6,000 people. Its company network and extensive expertise allow it to offer its customers a full range of overall solutions. The Group plans, builds and operates infrastructure to produce and supply energy to businesses, households and the public sector, and offers digital business models for renewable energies.

Today, the BKW Group portfolio comprises everything from engineering consultancy and planning for energy, infrastructure and environmental projects, through integrated offers in the field of building technology o the construction, servicing and maintenance of energy, telecommunications, transport and water networks.

"We are shaping the future of energy and infrastructure."

Dr Suzanne Thoma, CEO BKW Group

UBS

WWW.UBS.COM/ENERGIE

As Switzerlands biggest bank, we take our social responsibility seriously and support the transition to a low-carbon economy through our comprehensive climate change strategy. UBS clients benefit from the energy check-up for SMEs, the UBS environment bonus for commercial vehicle leasing and the UBS Leasing industry bonus for energy-efficient production plants.

With the special offer UBS "renovation" Mortgage, private clients in Switzerland receive an eco-bonus for energy-efficient renovation projects. UBS has also decided to integrate sustainable investments across all business areas into its client offering as standard. This



enables us to build a bridge between institutional investors looking for sustainable returns and energy supply companies, network operators, and other market stakeholders in the Swiss energy sector, for example.

"Sustainable investments are the highest growth segment in the investment universe today."

Michael Baldinger, Head of Sustainable and Impact Investing, UBS Asset Management

SERVICE AND REGISTRATION

FOR SWISSECS 2018

VENUE

Kursaal Bern Kornhausstrasse 3013 Bern

ACCOMMODATION

Our reservation platform allows for you to book your ticket to the event and hotel accommodation at the same time. The Event Secretariat will be happy to answer any questions you may have.

DIRECTIONS

SwissECS recommends travelling to the conference by public transport. Optimise your journey using routerank's route planner and find the most environmentally friendly route to Bern at www.routerank.com.

TICKET PRICES

Ticket prices are listed on page 5.

FOOD AND DRINK

In cooperation with its partners, SwissECS focusses on the use of climate-friendly, and by extension mostly local products in the areas of planning and catering especially.

CONTACT

Swiss Energy and Climate Summit c/o Swiss Economic Forum AG C.F.L. Lohnerstrasse 24 CH-3645 Gwatt (Thun) Phone: +41 (0)33 223 70 20

E-Mail: info@swissecs.ch

www.swissecs.ch www.twitter.com/swissecs #SwissECS18 www.facebook.com/swissecs

BOOKINGS AT

600. Reservations are booked on a first-come, first-served basis, with the conference having sold out in past years.

The deadline for reservations is 21 August 2018.

registration. swissecs. ch



Premium Partners

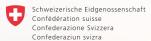








Main Partners



Swiss Confederation

Swiss Federal Office for Energy SFOE

Federal Office for the Environment FOEN

Science Partners













Network Partners





avenir suisse















NESPRESSO.

















Media Partner





NZZ