

ARTIFICIAL INTELLIGENCE IN THE ENERGY SECTOR

FROM COMPLEXITY TO PROFITABILITY:
HOW AI IS RESHAPING ENERGY SYSTEMS

ARTIFICIAL INTELLIGENCE IS RESHAPING HOW ENERGY
SYSTEMS ARE MANAGED, OPERATED AND VALUED.
BUT WHERE DOES IT TRULY CREATE IMPACT?

WHICH USE CASES ARE ALREADY PROFITABLE?

WHAT LEVEL OF DIGITALIZATION DELIVERS REAL
PERFORMANCE?

HOW SHOULD UTILITIES AND INFRASTRUCTURE
PLAYERS POSITION THEMSELVES?

WHO WILL CAPTURE VALUE IN THIS TRANSFORMATION?

WHAT ROLE CAN SWITZERLAND PLAY?

WHO SHOULD TAKE OWNERSHIP OF DIGITAL
CAPABILITIES — AND WHAT SHOULD BE OUTSOURCED?

WHICH TECHNOLOGIES REPRESENT THE CURRENT
STATE OF THE ART?

THIS CONGRESS BRINGS TOGETHER LEADING PLAYERS
TO SHARE CONCRETE INSIGHTS
ON WHERE AI CREATES VALUE — AND HOW ROLES ARE

25. NOVEMBER 2026
KURSAAL - BERN

Topics

Artificial intelligence is rapidly becoming a defining element of the energy system. Driven by decentralization, real-time dynamics and increasing interdependencies, the sector is entering a new phase — where complexity can no longer be managed without AI-enabled tools, new approaches and new forms of collaboration.

At the same time, expectations are rising. Beyond experimentation and pilot projects, energy stakeholders are now facing concrete questions: where does AI create real value, how can it be implemented at scale, and what does it mean for existing infrastructures and business models?

This congress brings together leading voices from Switzerland and abroad to provide both strategic perspective and operational insight into the role of AI in the energy transition.

From large-scale developments and international dynamics to on-the-ground applications, the discussions aim to bridge vision, research and reality.

Across the different contributions, participants will gain a better understanding of how AI and data are reshaping system operations, how infrastructures are evolving to support new digital demands, and how emerging solutions are being deployed in practice — from networks to buildings and beyond.

The objective is not only to explore the technological potential of AI, but to provide a clearer view on its economic relevance, implementation challenges and strategic implications in a rapidly evolving environment.

Audience

The congress is aimed at professionals involved in the transformation of the energy system and its digital and physical infrastructures:

- Energy utilities and distribution system operators (DSOs)
- Infrastructure and network operators
- Real estate developers, asset managers and building owners
- Engineering firms, planners and system integrators
- Technology providers, AI specialists, start-ups and digital solution developers
- Investors and strategic decision-makers
- Public authorities, regulators and policy makers
- Applied research and innovation stakeholders

Program

09.30 Economic x Energy x AI
Gerard Reid, Leading Global Expert in the Energy Sector



BLOCK 1: AI for Infrastructure
Moderation: Frank Schürch, CEO, energie-cluster.ch



Supplying Infrastructure x AI
Primeo Energy International



Building Infrastructure x AI
Rafael Mesey, Chief Executive Officer, Green Energy Venture



Grid Optimisation x AI
Rahul Gupta, Assistant Professor EPFL, Lead Grid-Integrated Energy Storage Systems (GRID-ESS) Lab



Data Protection x AI
TBC



Regulation x AI Innovation
TBC



12.00 LUNCH

BLOCK 2: AI Services (buildings & districts & cities)
Moderation: Laurent Raeber



13.00 AI x Energy 2 Reality - DIY
PanoramAI



AI x Energy 2 Reality - Start-Up
Vinod Govindan, Founder and Managing Director, oceans.ai



AI x Energy 2 Reality - Academic
Pierre-Jean Alet, Group Leader Digital Energy Solutions, CSEM



AI x Energy 2 Reality - Big Player
Katarina Knezovic, Global Digital R&D Program Manager, HITACHI ENERGY



BLOCK 3: AI Data Centers and Power Supply

Moderation: Adrian Altenburger, HSLU



14.15 Role of Switzerland

Gerhard Andrey, Member of the National Council and Parliamentarian Group Digital Sustainability (Parldigi)



Grid Planung related to Data Centers

TBC



Municipality

TBC



DSO

TBC



Large Project, Data Center

TBC



16.00 Innovative Big Vision

TBC



16.15 Discussion Panel

Moderation: SWICO

with Franz Grüter (Member of the National Council and Parldigi) and TBC



16.45 APÉRO DINATOIRE AND NETWORKING

17.30 End of the Event

Partners



Communication partners



brenet

forum energie zürich



SWICO



Registration | Information

for the congress «AlxEn» on the 25th of November 2026
in the Kursaal Bern

Start

9 a.m. (door opening at 8.30 a.m.)

End

4.45 p.m., followed by a cocktail reception and networking event

Cost

CHF 440.00 for members of the energie-cluster.ch *

CHF 550.00 for non-members of the energie-cluster.ch

incl. breaks, lunch and cocktail dinatoire

* as well as for the organizing bodies and partners listed in the program
(including their staff)

<https://energie-cluster.ch/events/ki-im-energiesektor>

Registration deadline: 24th of November 2026

Languages

The conference will be interpreted simultaneously into German, French and English.

Travel

Traveling by Public Transportation

Tram line 9 takes you from Bern railway station (exit B) directly to the 'Kursaal' tram stop (near Viktoriaplatz).

Traveling by Car

The Kursaal Bern is easily accessible by car via all major routes. Enter 'Kursaal Parking' as your destination in your sat-nav or Google Maps and follow the directions provided.

Further information regarding directions and parking can be found here:

<https://kursaal-bern.ch/anfahrt-parking>

Questions | Information

Sekretariat

energie-cluster.ch

Gutenbergstrasse 21

CH-3011 Bern

Tel. +41 31 381 24 80

sekretariat@energie-cluster.ch



Scan here
to
register

Partnership Offer

PLATINUM Partner: CHF 5'000

Benefits

- One speaking slot or participation in a panel discussion
- Exhibition space in the networking area (20 m²)
- 8 complimentary tickets (value: CHF 520.00 each; price subject to change)
- Distribution of promotional items/gadgets at participant seats
- Logo displayed in the conference presentation and mentioned by the moderator
- Logo on sponsor cubes placed on standing tables in the networking area
- Logo on the conference registration page on our website
- PR contribution (e.g. interview) or free banner in our newsletter (circulation: 45,000)
- Distribution of brochures at check-in
- Participant list (1 week before the event)
- Final participant list (after the event)

All prices are exclusive of VAT.

GOLD Partner: CHF 2'500

(CHF 1,800 for companies with fewer than 50 employees)

Benefits

- If suitable, opportunity for a speaking slot or participation in a panel discussion
- Exhibition space in the networking area
- 5 complimentary tickets
- Company logo in the conference program
- Distribution of a gadget
- Distribution of company brochures in the networking area
- Logo in the conference presentation
- Logo on sponsor cubes on standing tables
- Logo on the conference registration page on our website
- Company banner in our newsletter

All prices are exclusive of VAT.

Partnership Offer

SILVER Partner: CHF 1'200

Benefits

- 3 complimentary tickets
- Company logo in the conference program
- Distribution of company brochures in the networking area
- Logo in the conference presentation

All prices are exclusive of VAT.

START-UP Partner: CHF 500

Benefits

- If suitable, opportunity for a speaking slot or participation in a panel discussion
- 2 complimentary tickets
- Company logo in the conference program
- Distribution of company brochures in the networking area
- Logo in the conference presentation

All prices are exclusive of VAT.

We would be happy to discuss a tailored partnership package with you that meets your specific needs and maximizes your benefits.

Contacts

Laurent Raeber
Program Lead, External Advisor

+41 (0)76 582 87 65
l.raeber@designetc.ch

Frank Schürch
CEO, energie-cluster.ch

+41 (0)75 412 06 24
frank.schuerch@energie-cluster.ch

Larissa Hänni
Communication Officer, energie-cluster.ch

+41 (0)31 384 00 61
larissa.haenni@energie-cluster.ch