

Clean Energy & Disruptive Trends Summit 2019 program

08:30-08:55 REGISTRATION

SECTION I: FROM OPPORTUNITY TO NECESSITY - INCORPORATING THE EXPECTATION OF SUSTAINABILITY INTO MARKET REQUIREMENTS

What are the most pressing tasks for Hungarian energy companies, and in what areas are they lagging behind the leading markets? What changes have been made or are anticipated in regulations, subsidies and the major trends of the industry? And what does this all mean with regard to the operating environment? How do industry players adapt and how do they meet challenges proactively? We will seek to answer these and other questions in presentations and panel discussions.

08:55 - 09:00 Opening

Speaker:

Zoltán Bán, CEO, Net Média (Portfolio Csoport)

09:00 - 09:15 An overview of the Hungarian energy industry - How is energy transition progressing in Hungary?

Speaker:

Csaba Kovács, Partner, KPMG

09:15 - 09:30 Implementing circular economy in Hungary from the aspect of an international energy company

Speaker:

ifj. Attila Chikán, elnök, BCSDH

09:30 - 09:45 Challenges and Opportunities for Hungary: EU energy transition policies

Speaker:

Eva Hoos, Policy Officer, European Commission, DG ENERGY

09:45 - 10:00 Energy transition: risk and mitigation

Speaker:

Péter Horváth, üzletfejlesztési igazgató, MET Power

10:00 - 10:15 Innovation and economic development - Rethinking the national climate and energy policy

Speaker:

Dr. Péter Kaderják, energiaügyekért és klímapolitikáért felelős államtitkár, Innovációs és Technológiai Minisztérium

10:15 - 10:45 Coffee break

SECTION II: Digitalisation in the energy industry and beyond

After sweeping through a number of industries, digitalisation has now reached energy companies as well, and a series of developments aimed at better serving customer expectations, expanding activities or improving efficiency are being implemented, although the majority of companies continue to play the waiting game. What are the most pressing challenges for Hungarian energy companies in light of global processes? How should they plan and begin development projects, what are the potential obstacles, and what could be the benefits of digitalisation?

10:45 - 11:30 Analyst roundtable - Preparing for the post-coal era; Where do the increased sustainability expectations of customers, investors and regulators lead? Where will the sustainability revolution lead in energy markets? What could be the next big thing in energy transition? How long could the era of oil and gas last? Outlook for fossil energy generation and use Clean, renewable, cheap and...? Other aspects of the sustainability requirement Climate change - to prevent or to prepare for it? Changing requirements in the end user sectors and their role in transforming the energy industry What factors can shape energy prices in the future, and how? The price of decarbonisation: the expected effects of changes in the carbon credit market and in regulations

Moderator: **Richárd Hlavay**, energiapiaci szakértő, tréner, Lego® Serious Play® facilitátor, Bricks Magic

Conversation participants:

Ada Ámon, a főpolgármester klímaügyi főtanácsadója, Budapest Főváros Önkormányzata

Ágnes Horváth, Chief economist, MOL

Corinne Bendersky, Associate Director, Sustainable Finance, Corporate & Infrastructure Ratings, S&P Global Ratings

Eva Hoos, Policy Officer, European Commission, DG ENERGY

Bernadett Papp, szenior piaci elemző, Vertis Environmental Finance

11:30 - 11:50 New opportunities for financing energy efficiency projects

Speaker:

Vincent Metzler, Project Finance, Lending Operations Baltic Sea, Northern, Central and South Eastern Europe, European Investment Bank

11:50 - 12:35 Digitalisation challenge in the Hungarian energy industry

Progress of the digitalisation trend abroad and home

How does digitalisation transform segments of the energy industry?

The most pressing tasks for domestic energy companies

National energy champions and digitalisation

Digitalisation and energy efficiency: how much can digital energy management save?

The role of artificial intelligence in future energy supply

Planning and implementing digitalisation projects; What to look out for?

Precedents: What can the energy industry learn from leading sectors?

Moderator: **Balázs Felsmann**, senior research associate, Regional Centre for Energy Policy Research, Chairman of the Hungarian Energy Traders' Association
Conversation participants:

Norbert Borvendég, Expert, Hungarian Energy and Public Utility Regulatory Authority

Dr. Csongor Czipf, Managing Director, Cothec Kft. + Cofely Kft. (soon: ENGIE Magyarország Kft.)

György Istvánffy, piacfejlesztési vezető, HUPX Zrt.

Attila Molnár, Secretary General, IVSZ

Márton Zsótér, Manager, KPMG

12:35 - 13:30 Lunch break

SECTION III: LIFE AFTER SUBSIDIES - A NEW PHASE IN THE RENEWABLE ENERGY INVESTMENT MARKET

As technology develops and costs decrease, the market for renewable energy investments is entering a more mature stage, which will not leave subsidies and funding opportunities unaffected. How much room to manoeuvre will companies have when planning financing? What changes are to be expected in subsidies and funding; what new opportunities will arise in capital markets? How will energy prices and returns change in the coming decades?

13:30 - 13:45 In a renewable role - Sustainable energy industry

Speaker:

Zsolt Bertalan, csoportszintű technológiai innovációs igazgató, MVM Zrt.

13:45 - 14:45 Panel discussion - Financing renewable energy projects

Market-based and central budget sources for financing the energy transition

Changes in renewable energy subsidies and regulations in Hungary

The anticipated future role of EU funding

Experiences from planning domestic solar projects

Best practices in financing

Profitable renewable generation in Hungary without subsidies

Moderator: **András István Tóth**, Ügyvezető igazgató helyettes, E.ON Energiakereskedelmi Kft.

Conversation participants:

ifj. Attila Chikán, elnök, BCSDH

Demeter Héjj, president, Magyar Bioüzemanyag Szövetség

Zoltán Kovács, Managing Director, Rekontir BPM

Vincent Metzler, Project Finance, Lending Operations Baltic Sea, Northern, Central and South Eastern Europe, European Investment Bank

Ádám Szolnoki, Chairman, MANAP Industry Association

Zoltán Trombitás, Energy Efficiency and Renewables Financing Programme - Project Leader, Head of EU Office at Erste Bank Hungary

14:45 - 15:00 How to start a solar farm project?

Speaker:

Dr. Tamás Mokry, Managing Director, Owner, Tiszta Energiák Kft.

15:00 - 15:15 Experiences from European renewables auctions

Speaker:

László Szabó, Director, Regional Centre for Energy Policy Research (REKK)

15:15 - 15:35 Coffee break

**SECTION IV: FLASH PRESENTATIONS AND
ROUNDTABLE NETWORKING**

Introducing already implemented or promising smart city concepts, projects and ideas in six minutes.

15:35 - 16:15 Flash presentations

Speakers:

Adrienn Buday-Malik, innovációért felelős vezérigazgató-helyettes, ÉMI Nonprofit Kft.

Tibor Dobai, Geoinformatic Engineer, Route4U

Prof. - Dr. József Rohács, Professor, BME

Tamás Ürögi, Senior Project Manager and Certified Management Consultant, IFUA Horváth & Partners Kft.

Andy Zhang, Co-Founder & CEO, Rollet

16:15 - 17:00 Table 1 - Where will the money come from?

Moderator: **Péter Futó**, Analyst, Portfolio

16:15 - 17:00 Table 2 - Pre-smart strategy

Moderator: **Samu Szemerey**, vezető településügyi szakértő, Lechner Tudásközpont

16:15 - 17:00 Table 3 - Where are we headed?

Moderator: **Zoltán Vígh**, Managing Director, Jedlik Ányos Klaszter

16:15 - 17:00 Table 4 - 5G networks - Smart grid

Moderator: **Máté Petrik**, IT Director, Városliget Ltd.

16:15 - 17:00 Table 5 - Investing in people

Moderator: **Tamás Ürögi**, Senior Project Manager and Certified Management Consultant, IFUA Horváth & Partners Kft.