EIT InnoEnergy is supported by the EIT, a body of the European Union

PowerUp! by EIT InnoEnergy

Grand Final Online

25 June 2020

About PowerUp!

PowerUp! continues to grow rapidly. In this year's edition of the competition, almost 300 teams from 24 countries across Central & Eastern Europe entered their ambitious projects for consideration by our panel of judges.

The sustained growth in participant numbers – combined with the fact that the projects we see are often in an advanced stage of development - shows the high esteem in which the competition is held. PowerUp! opens doors for innovators in the CEE region to nurture their ideas, bring their products to market and gain access to an international network of business partners.

Jakub Miler
CEO at EIT InnoEnergy Central Europe, Organizer of the Competition

Agenda

16:00 Opening and welcome speech
Elena Bou, Innovation Director at EIT InnoEnergy

16:05 KeyNote Introduction
Emanuele Volpe, Chief Innovation Officer at DTEK

16:10 Introduction of Jury Members & Awards
Dominik Zalewski, Oksana Prykhodko, Marzena Bielecka, Jennifer Dungs

16:15 PITCHING COMPETITION - 14 BEST EUROPEAN START-UPS
The winners of PowerUp! Country Finals

- 16:15 BLINK ENERGY – Mustafa Kemal İşen
- 16:21 VIEZO – Donat Ponamariov
- 16:27 SOLMEYEA – Vasilis Stenos
- 16:33 TyphoonHill – Aleksandar Kavgic
- 16:39 AIRLIEF – Petar Zhivkov
- 16:45 POLILOOP – Liz Madaras
- 16:51 POLYLABS – Kristians Grundstuks
- 16:57 WOOLA – Anna-Liisa Palatu
- 17:03 GreenBin – Olena Sydorenko
- 17:09 TROIA – Matjaž Breznik
- 17:15 BIOTRON LABS – Pavol Magic
- 17:21 POCKET VIRTUALITY – Lucie Brešová
- 17:27 EAZY OIL – Duje Roje
- 17:33 WATTO – Daniel Pintilie

17:40 Key Note Speech
Lech Kaniuk - CEO at SunRoof International Holding AB

AWARDS CEREMONY

Stay with us to find out who will become EIT InnoEnergy Startup of the Year!

18:00 Amazon Web Services Audience Award Ceremony

18:05 Special Vestbee Award Ceremony

18:10 Main Award Ceremony

18:15 Closing Speech

18:15 Networking

PowerUp! 2020 Finalists

MEET THE BEST START-UPS FROM CENTRAL & EASTERN EUROPE!

BULGARIA – Petar Zhivkov, AIRLIEF
Airlief - Provide every person with the opportunity to breathe healthy air. Airlief produces stylish protection masks against air pollution and develop data solutions for personalized prevention.

CROATIA – Duje Roje, EAZY OIL
EazyOil is an automated payment system for gas stations that uses license plate recognition.

CZECHIA – Petar Zhivkov, POCKET VIRTUALITY
Pocket Virtuality develops Fatamorgana - a unique AR/VR virtual teleportation platform for remote work and cooperation in an industrial environment.

ESTONIA – Anna-Liisa Palatu, WOOLA
Woola is producing bubble wrap out of sheep wool to reduce the plastic waste of e-commerce.

GREECE – Vasilis Stenos, SOLMEYEA
Photosynthetic vertical, controlled, intense microalgae cultivation process for premium algal bio-based proteins production, utilizing CO2 emissions

HUNGARY – Liz Madaras, POLILOOP
Non-biodegradable plastics microbially biodegrade and then turned to the byproducts into valuable end products.

LATVIA – Petar Zhivkov, POLYLABS
Manufacturing polyol - a high value chemical product produced from unrecycable waste.

LITHUANIA – Donat Ponamariov, VIEZO
Vibration energy harvesting solution, capable of generating electricity from vibrations, meant to power the wireless IoT sensors, therefore, prolonging their lifetime significantly whilst minimizing the costs.

POLAND – Olena Sydorenko, GREENBIN
An easy way to send used bottles for recycling and get rewards for doing the right thing.

ROMANIA – Daniel Pintilie, WATTO
Ultra-fast charging stations concept.

SERBIA – Aleksandar Kavgic, TYPHOONHILL
The Universal Energy Gateway OS is the key technology for making the smart grid reality, as it enables aggregating, monitoring and controlling any and all distributed energy resources.

SLOVAKIA – Pavol Magic, BIOTRON LABS
Biotron Labs creates tool for planning locations of EV charging stations, ready to use, scaleable and very precise.

SLOVENIA – Matjaž Breznik, TROIA
Increasing worker efficiency and minimizing costs has never been so easy – AR field workforce solutions as the ultimate game-changer.

TURKEY – Mustafa Kemal İşen, BLINK ENERGY
Blink Energy, Inc addresses the wet snow problem on power lines by preventing its formation, collecting data via its sensors and providing data analysis.

Innovation DTEK

DTEK is the largest private investor in Ukraine's energy sector. DTEK extracts natural gas, generates electricity at solar, wind and thermal power plants, distributes and supplies kWh to end consumers as well as provides energy efficient solutions and develops a network of electric vehicle charging stations across Ukraine. DTEK employs 70 thousand people nationwide.

Rapid development of new technologies, alternative energy markets, energy efficiency and energy-saving technologies as well as decarbonization has driven the world towards a global transformation. DTEK has met the global market challenges with an Innovation DTEK stream and embedded it as its core driving force.

In 2020, Innovation DTEK's priority is searching for new breakthrough solutions and extends the scope of priorities within 3 Innovation Horizons:

- **Horizon 1** – Generating and distributing kWh – Increase efficiency, safety and environmental friendliness of our business
- **Horizon 2** – Services and extra monetization around kWh – New ways to monetize energy assets. Waste to electricity, retail solutions, battery storage, hydrogen
- **Horizon 3** – Non-kWh. Future of work. New business models outside the energy industry. Gen Z readiness, data, platforms, consumer offerings

Challenging times are always a good push for a faster transformation. Innovation beyond the energy boundaries – this is how we defined our Massive Transformative Purpose that is also reflected in our Innovation Horizon 3 and company long-term strategy. Although DTEK's core business activities mainly involve generating and transmitting electricity, we understand that now is the best time to design and implement new business models and discover new businesses that will help mark our impact towards global sustainability efforts. I believe that it will be a trend for upcoming 5 years and suggest all companies to look into this direction.
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Emanuele Volpe, Chief Innovation Officer at DTEK.

Contact us to discover Innovation DTEK challenges and submit your unique idea

http://openinnovation.dtek.com

Amazon Web Services Joins the Ranks of Partners in EIT InnoEnergy's PowerUp! Challenge

Amazon Web Services (AWS) has signed up as a partner of the PowerUp! Challenge 2020, a testament to the undisputable clout of EIT InnoEnergy's ecosystem for start-ups, scale-ups and SMEs in central and eastern Europe.

A subsidiary of global tech giant Amazon, AWS is the world's largest provider of on-demand cloud computing platforms and application programming interfaces (APIs), allowing users to have a virtual cluster of computers at their disposal at all times. AWS began offering cloud computing services to businesses in 2006 and by today the company has become the ultimate go-to for highly reliable, scalable, low-cost infrastructure platform in the cloud, powering hundreds of thousands of businesses in 190 countries worldwide. A global market leader in this space, AWS has eliminated countless barriers and costs for start-ups by providing infrastructure-as-a-service.

As a PowerUp! Challenge partner, AWS is joining a prestigious group of companies from across the entire CEE region. Some of the top names include Gold partner Rafako, a leader on the Polish power generation equipment market and the biggest boiler manufacturer in Europe; or Turkey's EnerjiSA, an electricity distribution and sales enterprise with a customer base of more than 20 million. Building on the resounding success of the past five years, EIT InnoEnergy is organizing the sixth edition of the PowerUp! Challenge's start-up contest in the spring of 2020 to propel innovative companies to the next level. In addition to the 65.000 Euro investment from EIT InnoEnergy that participants are competing for, partners are also offering a range of various prizes. AWS is providing to selected participants up to 100.000 US dollars in credits to their AWS Activate program and business support.

Jury Members of PowerUp! 2020 Grand Final

Dominik Zalewski
Urban Impact - Co-founder
Dominik Zalewski, urbanist by training, spent the last 7 years working as a CFO for top European Venture Capital funds: Point Nine Capital and e.ventures. He supported the investments in 100+ tech startups, across various stages: from pre-Seed to IPO. Dominik is a co-founder of urban tech agency, Urban Impact.

Oksana Prykhodko
DTEK - Innovation Manager
Oksana works as Innovation manager at DTEK. Oksana is an experienced business challenges solver. She is responsible for gathering business challenges, selecting promising technological opportunities to develop further and implementation of innovative solutions in DTEK enterprises.

Marzena Bielecka
Experior Venture Fund - Managing Partner
Marzena is a Managing Partner and Founder of Experior Venture Fund, responsible for Fund's operations, including deal sourcing. She has extensive experience in managing companies as well as in investment supervision, including as Chairman of the Supervisory Board (BPH TFI SA (2015 - present), Celtic Property Developments SA, Polski Gaz SA and other) and as Member of the Supervisory Board (Polbank EFG SA, Ferrum SA, MZCh Organika SA, Unimil SA. and other). She has spent almost 20 years as manager and head of Polish investment banking operations of several international institutions, including Raiffeisen Investment Polska, West LB Panmure, HSBC Financial Services. She is an expert in the areas of capital markets, capital raising, mergers and acquisitions, restructuring.

Jennifer Dungs
EIT InnoEnergy - Lead for Transport and Mobility
Jennifer has spent over 20 years in the automotive industry, including Ford Motor Company, BMW and Porsche. She has in-depth knowledge from the industry on topics related to sustainability, alternative powertrain technologies, technologies and services and business models for digital products and services for mobility and Smart Cities.

Jennifer also was the Director at Fraunhofer, responsible for Mobility and Smart Cities focused on using big data to understand mobility patterns and create mobility solutions to help revolutionize our cities. She holds both a M.S. Chemical Engineering and Ph.D. Chemistry. Jennifer is responsible for investments in Energy for Transport and Mobility at InnoEnergy.

Jakub Miler
CEO of EIT InnoEnergy Central Europe
akub Miler joined the EIT InnoEnergy team in 2014. Prior to working at InnoEnergy, Jakub spent 10 years working for business in various international leadership positions in the engineering sector across the mining, construction, and energy industries as well as for the non-governmental sector, developing various regional and national programmes as an energy expert.

Jakub received an MBA from Georgia State University and Poznan University of Economics. He also holds a MA in Psychology from Adam Mickiewicz University. Since January 2016, he has been the CEO of EIT InnoEnergy Central Europe.

See the Speakers of PowerUp! 2020 Grand Final!

Elena Bou
Innovation Director at EIT InnoEnergy
Elena is the Innovation Director and member of the executive board of InnoEnergy. She has been involved in this company since 2007 being member of the founder team of EIT InnoEnergy. Prior to that, she developed her professional career in the field of management consulting in both private and public companies, nationally and internationally, giving her the opportunity to manage and develop many European Multinational Projects involving a high degree of complexity and stakeholders and including the creation of two spin-offs. Elena is also Associate Professor of ESADE Business School since 1998.

Emanuele Volpe
Chief Innovation Officer at DTEK
Having graduated from the Polytechnic University of Milan in Aerospace Engineering, he had been leading projects in international machine manufacturing and engineering companies HIRSCH Group and Amec Foster Wheeler. Before DTEK he had been responsible for innovation in an ENEL oversea representative office.

Lech Kaniuk
CEO at SunRoof International Holding AB
Lech Kaniuk - entrepreneur, co-inventor of a number of start-ups/companies. Expert of innovation and scaling businesses. One of the most well known persons on the startup scene in Poland and Sweden. Prized by Brief Magazine as top 50 most creative person in Polish business and Business Link's prise #BusinessGuru. Sold his first innovation at the age of 18. commercialized several innovations and done a high-tech spin off from the University of Technology in Luleå, Sweden. Today, Lech Kaniuk is the CEO at the Swedish innovative company SunRoof, that makes integrated solar panel roofs.
He is also a valued speaker and author of book " Siła Pędu"

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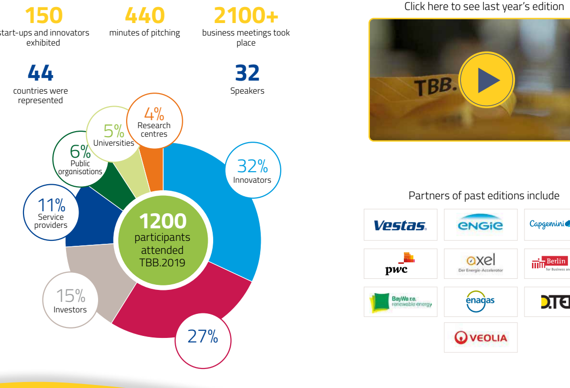
TBB at a glance

A market place for sustainable energy innovation
Innovative solutions across the energy value chain
Energy applications for the industry
Thematic pitching sessions
Live product demonstrations
Reverse pitches from industry

A forum to learn about the energy sector's trends
Inspiring speakers
Thought leaders
Expert discussions
Interactive sessions

A platform for collaboration
B2B meetings
Networking tool
Social dinner



"It is about bringing together start-ups, finance and industry to make the energy transition happen. Networking is also a way to humanise the energy transition."
Dr Steven Chu
Nobel prize 1997 Physics, 12th US Secretary of energy

At TBB.2019 in Paris

150 start-ups and innovators exhibited
440 minutes of pitching
2100+ business meetings took place
44 countries were represented
32 Speakers

Click here to see last year's edition

Partners of past editions include
Vestas, ENGIE, Capgemini invent, pwc, axel, Berlin Partner, BayWa r.e., enagas, DTEK, VEOLIA

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SILVER PARTNERS
CEEP Central Europe Energy Partners
SIEA Slovak Innovation and Energy Agency

PRIZE PARTNER
aws, SpeedUp Venture Capital Group, vestbee far beyond funding, Next Road Ventures

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25 June 2020

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EIT InnoEnergy Knowledge Innovation Community
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