

Venue

Žižkov Television Tower
Žižkovská televizní věž
Mahlerovy sady 1,
130 00 Prague / Praha 3
Czech Republic

Coordinating Entity



GE Deutschland Holding
Freisinger Landstr. 50
85748 Garching bei München
Germany

Christian Aalburg
Tel +49 89 5528 3517
christian.aalburg@ge.com
www.turbo-reflex.eu



Doosan Škoda Power
Tylova 1/57
301 28 Plzeň
Czech Republic

Luboš Prchlik
Tel +420 (0)37 818 5082
lubos.prchlik@doosan.com
www.flexturbine.eu

Panel Discussion Organiser & General Enquires at the FLEXTURBINE Project Office

ARTTIC
Balazs Kern
Tel +49 89 2488 30314
flexturbine-arttic@eurtd.com



FLEXTURBINE and TURBO-REFLEX have received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 653941 and No. 764545



Open Discussion Forum

Turbine Technologies as the Back-Bone for the Energy Transition

25th Sep 18

Žižkov Tower
Prague



The Need for Flexible Backup Power

The share of renewable energy sources (RES) has constantly grown over the past years and still increases rapidly. However, due to the intermittent nature of RES, flexible backup power is needed to ensure the stability of the grid. To date, the most suitable and economically viable solution are conventional power plants to fulfil this requirement. To accomplish this supporting role, existing fossil fuel power plants and their most critical components need to be made significantly more robust to allow flexible high load changes.

Panel and open discussion

Apart from getting an overview about current research projects on flexibility and their initial results, the event invites to an open discussion on advanced turbine technologies and how they can contribute to the transition process towards a future low carbon energy sector. A panel discussion with experts in the field will give the opportunity to get a differentiated picture of the topic while related challenges and opportunities as well as potential political, economic and scientific implications will be discussed.



How current turbine research contributes to the energy transition.

Agenda 25th Sep 2018

Time	Item	Speakers
10:00 - 10:15	Welcome note, Introductory presentation	Jiří Šmondrk
10:15 - 10:30	The pathway forward for turbomachinery in Europe	Michael Ladwig
10:30 - 11:00	Keynote Lecture - Contemporary and future flexibility requirements for fossil fuel turbines	Ivan Dudurych
11:00 - 11:30	FLEXTURBINE and TURBO-REFLEX project presentations	Alexander Wiedermann
11:30 - 12:00	Coffee break	
12:00 - 13:30	Panel discussion: Flexible thermal power plants for the future energy market	Jiří Šmondrk, NN. of the Czech Government (tbc), Michael Ladwig, Oliver Then
13:30	End of event and business lunch	

Moderation: Christa Friedl

Jiří Šmondrk, CEO Doosan Skoda Power
Michael Ladwig, President EU Turbines
Oliver Then, Executive Managing Director VGB PowerTech NN., Czech Government
Alexander Wiedermann, Senior Manager MAN Diesel & Turbo
Ivan Dudurych, Consultant Engineer EirGrid

Registration

Please register to the Open Discussion Forum no later than Friday, 21st September 2018 at <http://bit.do/flex-energy>

www.flex-energy.eu