3<sup>rd</sup> Annual International Summit and Exhibition

# HYDROPOWER BALKANS

**7–8 November 2019** Belgrade, Serbia

Organised by:



+44 207 394 30 90 (London) events@vostockcapital.com

# SPONSORS, PARTNERS AND EXHIBITORS

















## FACTS AND FIGURES OF THE SUMMIT









## AUDIENCE PROFILE

Representatives of specialised Ministries and regulatory authorities from the Balkan countries



Executives of HPPs operating companies from the Balkan countries



Representatives of international financial organisations and investors



CEO of technological partners in the hydropower industry



Consulting (independent and international experts, lawyers and others)



## **AMONG SPEAKERS** AND **GUESTS** 2018



### ANDREI-PETRISOR MAIOREANU

Secretary of State,

Ministry of Energy -Romania



## IVAN TRPESKI

General Manager, MACEDONIAN POWER PLANTS



### JAAP SPREY

Head of Office, EBRD



## CHRISTOPHER MILLWARD

Head for Europe, Middle East and North Africa,

MIGA



## ŽELJKO RATKOVIĆ

Director of Department for Investments,

Elektroprivreda Republike Srpske



## IOANNIS ARGYRAKIS

Director of Hydroelectric Generation Department,

PPC S.A.

## **SUMMIT HIGHLIGHTS** 2019

### **STRATEGIC PLENARY SESSION**

European energy markets integration and hydropower development plans of governments, initiators and investors

### **FOCUS ON SERBIA**

What are the strategic priorities of hydropower development in the country

### **PRESENTATION OF KEY INVESTMENT PROJECTS**

HPPs construction and modernisation projects in the Balkan region with 2020- 2030 implementation period

### **CASE STUDIES**

Best practices of HPP projects implementation and operation across the region

### **INVESTMENTS IN HYDROPOWER INDUSTRY OF THE REGION:**

discussion with international investors (institutional, financial, industrial, etc.)

## **CTOS' PANEL DISCUSSION**

- operators and HPP senior executives, project leaders, service companies and suppliers of equipment will discuss the most pressing issues regarding HPP projects implementation

## **SERBIA AND BOSNIA AND HERZEGOVINA WORKSHOPS**

Discuss hydropower projects and plans with decision-makers of operator companies, state authorities officials from the Balkan hydropower hot spots

## **SMALL HYDROPOWER POTENTIAL**

**OF THE REGION** Operator's plans and breakthrough technologies for implementation

## **TECHNICAL PRESENTATIONS**, **ROAD SHOW**, **SPECIALISED EXHIBITION**

Technologies, equipment, and services from world leaders

### **30+ HOURS OF BUSINESS AND INFORMAL NETWORKING**

One-on-one meetings, business lunches, coffee breaks, interactive round tables, and many other activities

## **FORMAL DINNER**

For all Summit participants - an opportunity to continue to speak with colleagues and potential partners in an informal setting

## **PROGRAMME OVERVIEW** 2019

## **7** NOVEMBER, THURSDAY

DAY

Registration, morning coffee and networking

9:30

9:00

#### PLENARY SESSION AND LEADER'S DEBATE.

Hydropower development in the Balkans: international cooperation, plans of policymakers, initiators and investors

#### 11:00

Coffee and networking break

11:30

SESSION 2.

Innovative technologies, solutions and equipment for construction and renovation of HPP

13:00 LUNCH and networking

#### 14:00 SESSION 3.

Projects for construction and renovation of hydropower plants in the Balkan region

- Serbia
- Bosnia and Herzegovina
- Montenegro
- Slovenia
- Bulgaria

- Croatia
- Kosovo
- Albania
- Macedonia
- Romania
- 15:30 ROAD-SHOW

innovations and breakthrough technologies! Express-presentation of technologies and equipment

- **16:00** Coffee and networking break
- 16:30 SESSION 4. CTOS' PANEL DISCUSSION ask your burning questions to industry leaders!
- **18:00** GALA DINNER

## **PROGRAMME OVERVIEW** 2019

**8** NOVEMBER, FRIDAY

DAY 2

- 9:00 Morning coffee and networking
  9:30 SESSION 5. Attracting investments in hydropower projects of the region
- **11:00** Coffee and networking break
- **11:30 SESSION 6. CASE STUDIES** best practices of HPP projects implementation and operation
- **13:00** LUNCH and networking

#### 14:00 s

#### SESSION 7.

Small hydropower potential in the region. Operators' plans and breakthrough technologies for implementation

**15:30** Coffee and networking break

#### 16:00 SESSION 8. HYDROPOWER HOT SPOTS WORKSHOPS

- Serbia
- Bosnia and Herzegovina

#### 17:30 Summit conclusions, Closing Ceremony

## TESTIMONIALS

## DANILO BARJAKTAROVIC

#### Senior Adviser in Energy Directorate, Ministry of Economy of Montenegro

The organisation is very good – very important people from the region. I am very pleased that you choose Montenegro to host this event. I had 5 or 7 bilateral meetings with Ministries of other regions and also with some potential investors who are ready to invest in hydropower and other renewables in Montenegro.

## ERIDETA BASHI

Director of Planning and Business Development Division, KESH Albanian Power Corporati

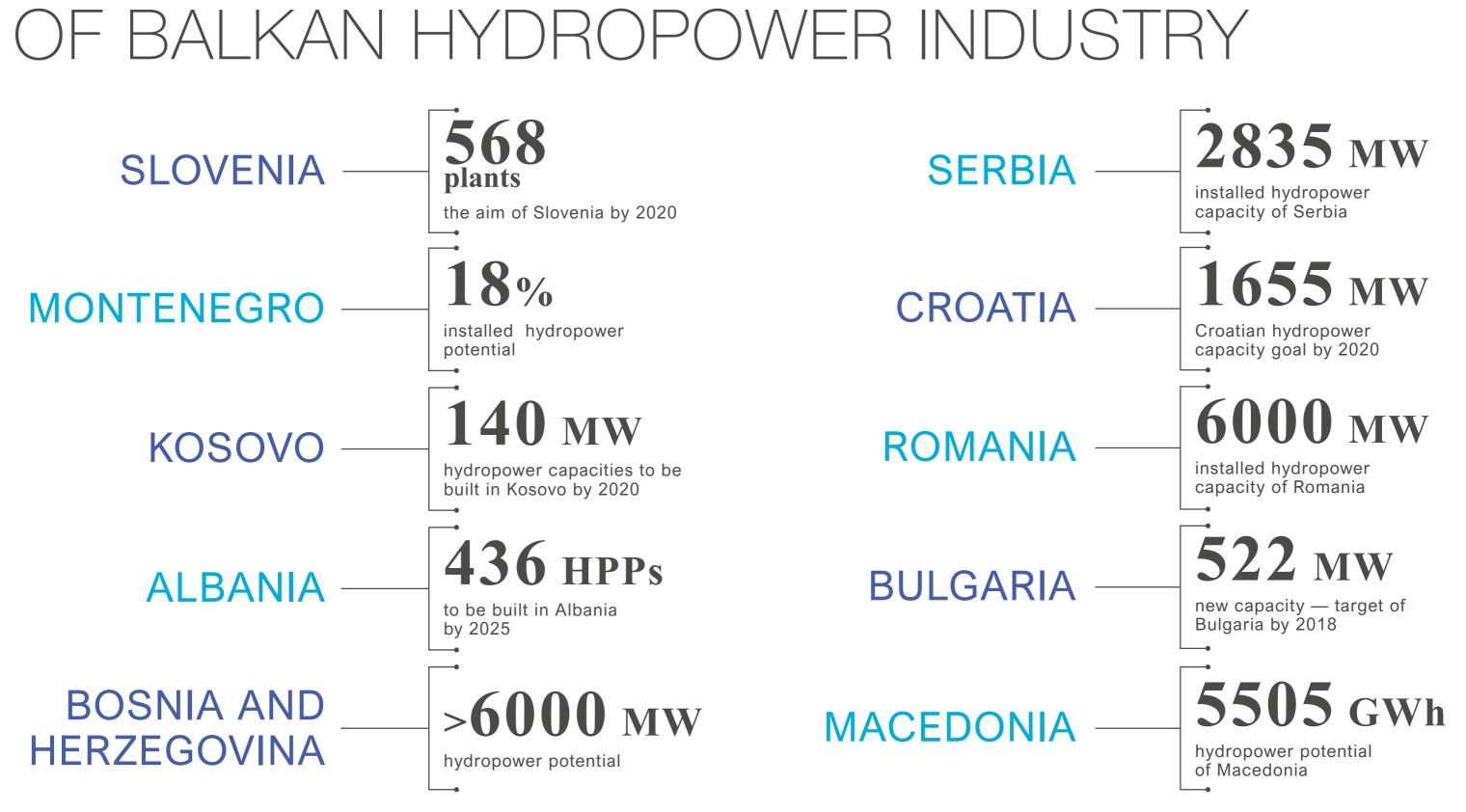
It is a good idea to bring together companies from Europe and non-European countries to get more information on what is happening in Western Balkans. It is good to share the views, to set up relations and contacts for further collaboration.

## CHRISTIAN GSTREIN

#### Regional Director SEE, ANDRITZ HYDRO

For us it was very useful. It was perfectly organised. You brought together all the stakeholders from the area here: government institutions, local suppliers, financial institutions. So it was very helpful to meet all of them in one place.

## FACTS AND FIGURES OF BALKAN HYDROPOWER INE



## INVESTMENT PROJECTS IN THE BALKAN REGION

## - SERBIA

### OVERHAUL OF DJERDAP 1, 2 HPPS

At the end of 2017, EPS announced its intention to overhaul 10 units of HPP Đerdap 2 over 10 years, to help extend the plant's lifespan boost its capacity by 50 MW.

EPS and Siloviye Mashiny are cooperating on the overhaul of HPP Đerdap 1. The overhaul began in 2009. In July 2018, the two companies signed a contract on the modernization of the A2 and A3 units in order to complete the revitalization of the entire HPP in 2021.

## - SERBIA

### HPP BUK BIJELA

In March 2019 Serbia and Republika Srpska (RS) intend to jointly build the hydropower plant (HPP) Buk Bijela. The installed capacity of more than 180 MW, will equally contribute to the energy stability of Serbia and the RS.

HPP Buk Bijela will be built about 11.6 kilometers upstream from Foča. It is planned to be equipped with three hydro generators with a total capacity of 93 MW, with the expected average annual electricity generation at around 330 GWh. The project would require an investment of EUR 193 million.

## -- BOSNIA AND HERZEGOVINA HPP ULOG

The HPP Ulog project is located in the municipality of Kalinovik in Republika Srpska, Bosnia and Herzegovina. EFT is developing the project on the basis of a 50 year concession for construction and operation of the hydro power plant awarded by the Government of Republika Srpska. Project preparation activities, including technical documentation, permitting, site access roads, site power supply and EPC contracting, are being finalized. EPC contractor is Sinohydro Corporation Limited (NR China). Commencement of HPP Ulog construction is expected in 2020 and commercial operation in 2022. Total project capex is EUR 70 million.

## INVESTMENT PROJECTS IN THE BALKAN REGION

## - BOSNIA AND HERZEGOVINA VRILO HPP

EPHZHB held a groundbreaking ceremony for the Vrilo pumpedstorage hydropower plant on the Šuica sinking river near Tomislavgrad on 16 July 2018. The Vrilo pumped-storage hydropower plant, to be built in an investment worth EUR 89.1 million, is designed to have two units with a total installed capacity of 66 MW, with operations planned to begin in 2023. CHE Vrilo will consist of seven buildings: the upper pool, the entrance of the tunnel, the five kilometre long tunnel, the water and latch chambers, a 450 m long pressure pipe; engine room with exit tunnel and exiting building, plateau and gutter and bottom pool and will produce 196 GWh of electricity annually.

## - REPUBLIKA SRPSKA

THE CONSTRUCTION OF 4 CASCADING. HPPS ON THE VRBAS RIVER: TRN, LAKTAŠI, KOSJEREVO AND RAZBOJ

Skavica HPP is a project, estimated at nearly 500m EURO. The project consists of a large power plant with a nominal capacity of 250 MW on the Drin River.

Skavica will be the fifth in the chain of hydro power plants on the river Drin, north of the country's fourth largest town Shkoder.

Skavica will raise the output of the whole cascade on the Drin river by at least one billion kilowatthours.

## • MONTENEGRO

#### **HPP KOMARNICA**

The contractors are also to prepare a feasibility study and an environmental impact study.

The preliminary design plan and the accompanying documentation are to be completed within 15 months, the feasibility study will determine whether the project to build HPP Komarnica is profitable, while the environmental impact study will review all potential effects on the environment and envisage measures to reduce impacts.

## **CONTACTS:**

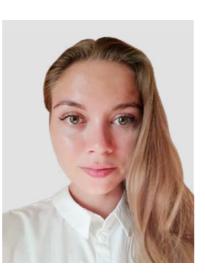
## FOR SPEAKER OPTIONS, PLEASE CONTACT:

### FOR MEDIA PARTNERSHIP OR JOURNALIST ACCREDITATION, PLEASE CONTACT:



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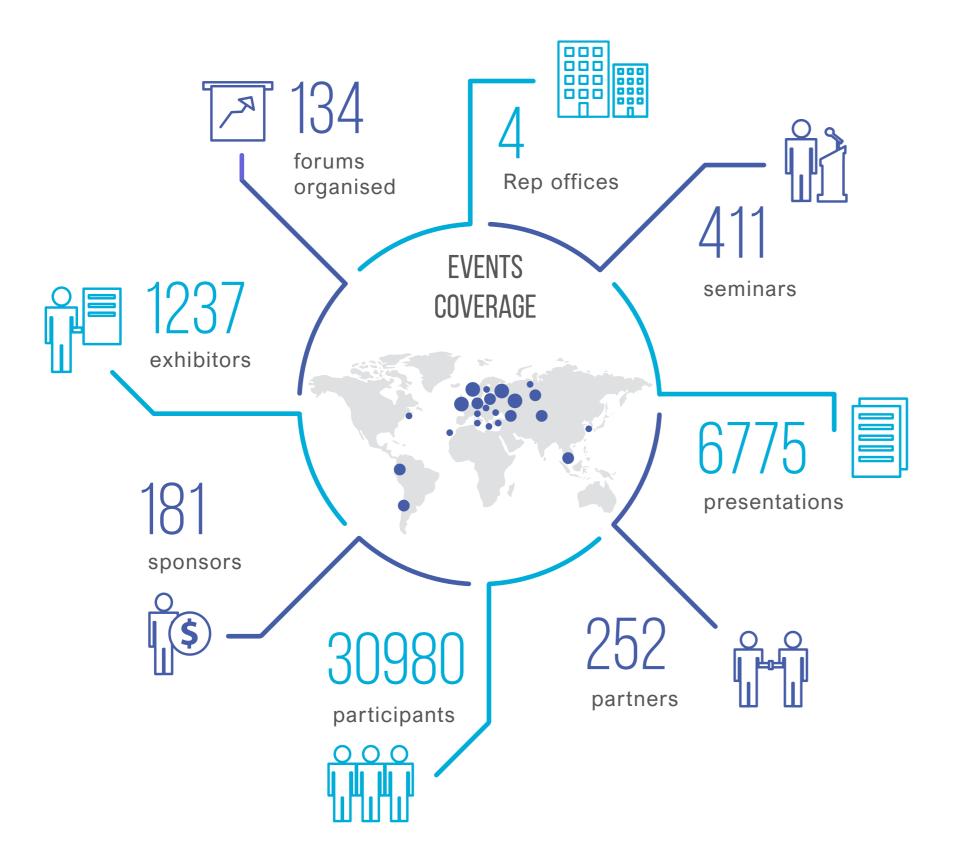


### YULIA SAMODELKOVA

Key Account Manager YSamodelkova@vostockcapital.com +44 207 394 30 90 (London)

## **ABOUT COMPANY:**

17 years of success





## **REGULAR PARTICIPANTS**

Directors of enterprises

Heads of divisions

Consultants, analysts, experts

Government officials

**45**%

**33**%

17% 5%



Support of Chulpan Khamatova Fund "Gift of Life"and other charity acts and organisations



We speak **10** languages



Free participation for professors and graduate students of Gubkin Russian State University of Oil and Gas

## **EVENTS CALENDAR**





6<sup>th</sup> Annual Conference and Exhibition

### 26–28 February, 2020

Ufa, Bashkortostan



2<sup>nd</sup> Annual International Investment Conference and Exhibition



Santiago, Chile



International Congress and Exhibition



Moscow