

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

+44 207 394 30 90 (London)  
[events@vostockcapital.com](mailto:events@vostockcapital.com)



# HYDROPOWER

B A L K A N S



**7–8 November 2019**

Belgrade, Serbia

Organised by:

VOSTOCK CAPITAL



# SPONSORS, PARTNERS AND EXHIBITORS

Silver Sponsor 2018:

**ANDRITZ**

Bronze Sponsor 2018:

**ABB**

Among the regular participants:

**VOITH**



**Fortum**

**Hydroplan**  
Water & power engineering

**rakurs**

**LAHMEYER**  
INTERNATIONAL

**carpi**



**ELEM**  
MACEDONIAN POWER PLANTS



**PPC**  
Renewables  
Innovation • Development • Environment

**HIDROELECTRIC**



**apis**  
auma prodajni i servisni centar

**Bulgarian**  
Energy  
Holding

**auma**  
Solutions for a world in motion

**Verbund**

**SEVINÇ**



**EPC**



**FIPA**  
FOREIGN INVESTMENT PROMOTION AGENCY  
OF BOSNIA AND HERZEGOVINA

**MIGA** World Bank Group  
Multilateral Investment  
Guarantee Agency



# FACTS AND FIGURES

## OF THE SUMMIT



DELEGATIONS FROM **20+**  
COUNTRIES WORLDWIDE



**50+**  
SPEAKERS



**150+**  
BUSINESS MEETINGS



**250+**  
DELEGATES



PRESENTATIONS OF **20+**  
INVESTMENT PROJECTS ON  
HYDROPOWER DEVELOPMENT  
IN THE REGION

## AUDIENCE PROFILE

Representatives of specialised Ministries and regulatory authorities from the Balkan countries

**10%**

Executives of HPPs operating companies from the Balkan countries

**33%**

Representatives of international financial organisations and investors

**10%**

CEO of technological partners in the hydropower industry

**44%**

Consulting (independent and international experts, lawyers and others)

**3%**

# AMONG SPEAKERS AND GUESTS 2018



**ANDREI-  
PETRISOR  
MAIOREANU**

Secretary of State,  
**Ministry of Energy -  
Romania**



**IVAN  
TRPESKI**

General Manager,  
**MACEDONIAN  
POWER PLANTS**



**ŽELJKO  
RATKOVIĆ**

Director of Department  
for Investments,  
**Elektroprivreda  
Republike Srpske**



**JAAP  
SPREY**

Head of Office,  
**EBRD**



**CHRISTOPHER  
MILLWARD**

Head for Europe, Middle East  
and North Africa,  
**MIGA**



**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

# DAY 1

7 NOVEMBER, THURSDAY

**9:00** Registration, morning coffee and networking

**9:30** **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

## DAY 2

8 NOVEMBER, FRIDAY

**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** **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 INDUSTRY

SLOVENIA

**568**  
plants

the aim of Slovenia by 2020

MONTENEGRO

**18%**

installed hydropower  
potential

KOSOVO

**140** MW

hydropower capacities to be  
built in Kosovo by 2020

ALBANIA

**436** HPPs

to be built in Albania  
by 2025

BOSNIA AND  
HERZEGOVINA

**>6000** MW

hydropower potential

SERBIA

**2835** MW

installed hydropower  
capacity of Serbia

CROATIA

**1655** MW

Croatian hydropower  
capacity goal by 2020

ROMANIA

**6000** MW

installed hydropower  
capacity of Romania

BULGARIA

**522** MW

new capacity — target of  
Bulgaria by 2018

MACEDONIA

**5505** GWh

hydropower potential  
of Macedonia

# 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 pumped-storage 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:



**OLGA  
ZHOGAL**

Project Director

**OZhogal@vostockcapital.com**

**+44 207 394 30 90 (London)**

FOR MEDIA PARTNERSHIP  
OR JOURNALIST ACCREDITATION,  
PLEASE CONTACT:



**SVETLANA  
AFONINA**

Marketing Manager

**SAfonina@vostockcapital.com**

**+44 207 394 30 90 (London)**

EFFICIENT SPONSOR AND  
EXHIBITOR OPTIONS FOR YOUR  
COMPANY, PLEASE CONTACT:



**YULIA  
SAMODELKOVA**

Key Account Manager

**YSamodelkova@vostockcapital.com**

**+44 207 394 30 90 (London)**

# ABOUT COMPANY:

17 years of success

VOSTOCK CAPITAL



## REGULAR PARTICIPANTS

Directors of enterprises

45%

Heads of divisions

33%

Consultants, analysts, experts

17%

Government officials

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

<div></div> <div>4<sup>th</sup> International Forum and Exhibition</div> <div>10–11 July, 2019</div> <div>Vladivostok</div>	<div></div> <div>International Congress and Exhibition</div> <div>10–11 July, 2019</div> <div>Bogota, Colombia</div>	<div></div> <div>7<sup>th</sup> Annual Forum and Exhibition</div> <div>20–21 November, 2019</div> <div>Novy Urengoy, Russia</div>	<div></div> <div>14<sup>th</sup> Annual Technical Conference</div> <div>28–29 November, 2019</div> <div>Saint-Petersburg</div>	<div></div> <div>6<sup>th</sup> Annual Conference and Exhibition</div> <div>26–28 February, 2020</div> <div>Ufa, Bashkortostan</div>
<div></div> <div>7<sup>th</sup> Annual Congress and Exhibition</div> <div>18–19 March, 2020</div> <div>Moscow</div>	<div></div> <div>2<sup>nd</sup> Annual International Congress and Exhibition</div> <div>2–3 October, 2019</div> <div>Lima, Peru</div>	<div></div> <div>3<sup>rd</sup> Annual International Summit and Exhibition</div> <div>7–8 November, 2019</div> <div>Belgrade, Serbia</div>	<div></div> <div>4<sup>th</sup> Annual International Congress and Exhibition</div> <div>19–20 February, 2020</div> <div>Bishkek, Kyrgyzstan</div>	<div></div> <div>2<sup>nd</sup> Annual International Investment Conference and Exhibition</div> <div>11–12 March, 2020</div> <div>Santiago, Chile</div>
<div></div> <div>2<sup>nd</sup> Annual Forum and Exhibition</div> <div>22–23 May, 2019</div> <div>Moscow</div>	<div></div> <div>5<sup>th</sup> Annual Forum and Exhibition</div> <div>18 September, 2019</div> <div>Stavropol, Russia</div>	<div></div> <div>4<sup>th</sup> Annual Forum and Exhibition</div> <div>4–5 December, 2019</div> <div>Moscow</div>	<div></div> <div>2<sup>nd</sup> Annual International Congress and Exhibition</div> <div>29–30 May, 2019</div> <div>Moscow</div>	<div></div> <div>International Congress and Exhibition</div> <div>23–24 October, 2019</div> <div>Moscow</div>