

## **Panel I: Solarna tehnologija: Teorija, primjeri poslovanja i dobre prakse**

### **Uvodno predavanje**

**Ivo Čović, dipl. ing., KONČAR – Obnovljivi izvori d.o.o, direktor**



Ivo Čović rodio se 1961. u Sinju. Diplomirani je inženjer elektrotehnike. Tijekom svoje bogate poslovne karijere bio je član i predsjednik uprave HEP-a, predsjednik uprave Zagrebačkog holdinga. Trenutno je direktor Končara – Obnovljivi izvori energije.

Ivo Čović was born in 1961 in Sinj. He has a degree in electrical engineering. During his rich business career, he was a member and chairman of the board of HEP, chairman of the board of Zagreb holding. He is currently the director of Končar - Renewable energy sources.

### **Panelisti:**

- 1. Matija Sinković, key account manager, E.ON Energy Infrastructure Solutions d.o.o.**



Matija Sinković je 2011. završio Rudarsko-geološki-naftni fakultet u Zagrebu, smjer naftno rudarstvo. 2020.g. stekao je titulu Master of Business Administration (EMBA) na Swiss School

of Business and Management u Zagrebu. Od 2022. g. zaposlen je u E.ON Energy Infrastructure Solutions d.o.o kao voditelj ključnih kupaca u području fotonaponskih elektrana te kompleksnih rješenja.

Matija Sinković graduated in 2011 from the Faculty of Mining, Geology and Petroleum in Zagreb, majoring in oil mining. In 2020, he obtained the title of Master of Business Administration (EMBA) at the Swiss School of Business and Management in Zagreb. Since 2022, he has been employed at E.ON Energy Infrastructure Solutions d.o.o. as a manager of key customers in the field of photovoltaic power plants and complex solutions.

## **2. Vjeran Piršić, predsjednik udruge Eko Kvarner, Krk**



Vjeran Piršić je rođen 1963. g. u Rijeci, iz koje cijela obitelj 1972. g. seli na otok Krk, gdje i sada živi. Po vokaciji je matematičar, a po struci informatičar, te od 1986. g. radi prvo kao programer, pa kao project manager, a sada kao konzultant u razvoju IT sustava. Zadnjih nekoliko godina radi na međunarodnim projektima razvoja pametnih elektroenergetskih mreža, uz korištenje blockchain tehnologije i umjetne inteligencije. Još od srednjoškolskih (u matematičkoj gimnaziji u Rijeci) i studentskih (na PMF-u u Zagrebu) dana aktivan je u ekološkom pokretu, što kulminira uspješnim sprečavanjem pokušaja realizacije projekta "Družba Adria" (izvoz ruske nafte preko luke u Omišlju). Suosnivač je udruge Eko Kvarner 2002. g., Solarnog klastera Hrvatske 2009. g., energetske zadruge Otok Krk (kao prve u Hrvatskoj) 2012. g. i tvrtke "Otok Krk energija" 2019 g. Trenutno volontira na projektu Krk energetski nezavisan i klimatski neutralan otok do 2030 g. Dodatno znanje dobio je višemjesečnim školovanjem u nekoliko njemačkih ekoloških instituta, u Švedskoj i na Malti. Otac je četvorice sinova i u nekoliko mandata bio je (nezavisni) vijećnik u Općini Omišalj.

Vjeran Piršić was born in 1963 in Rijeka, from where the whole family moved to the island of Krk in 1972, where they still live. He is a mathematician and an IT specialist by profession, and since 1986 he has been working first as a programmer, then as a project manager, and now as a consultant in the development of IT systems. For the last few years, he has been working on international projects for the development of smart power grids, using blockchain technology and artificial intelligence.

He has been active in the environmental movement since his high school days (mathematical gymnasium in Rijeka) and student (PMF in Zagreb), which culminated in the successful prevention of attempts to realize the "Družba Adria" project (export of Russian oil through the port of Omišalj). He is the co-founder of the association Eko Kvarner in 2002, the Solar Cluster of Croatia in 2009, the energy cooperative Island of Krk (the first in Croatia) in 2012, and the company "Island of Krk energija" in 2019. He is currently volunteering at the Krk Energy Independent and a climate-neutral island by 2030.

He gained additional knowledge through several months of education in several German ecological institutes, in Sweden and Malta.

He is the father of four sons and was an (independent) councilor in the Municipality of Omišalj for several terms.

### **3. Mario Valčić, direktor Smart Infrastructure Siemens Hrvatska, Zagreb**



Mario Valčić direktor je Smart Infrastructure u Simensu. Uloga koju Siemens Smart Infrastructure ima jest primjena tehnologija prilikom izrade novih studija/projekata razvoja gradova, njihove modernizacije i rekonstrukcije. Na taj način stvara se spremnost za izazove kao što su npr. dekarbonizacija, infrastruktura za električna vozila te spremanje viškova električne energije u vlastite sustave za pohranu istih.

Mario Valčić is the director of Smart Infrastructure at Siemens. The role of Siemens Smart Infrastructure is the application of technologies when creating new studies/projects of urban development, their modernization and reconstruction. In this way, readiness is created for challenges such as, for example, decarbonization, infrastructure for electric vehicles, and storing excess electricity in our own storage systems.

#### **4. Ognjen Marković, ekspert za energetiku i član ReSET Centra za održivu energetska tranziciju, Sarajevo, BiH**



Gospodin Ognjen Marković, viši konzultant s više od 40 godina iskustva u energetsom sektoru, specijaliziran je za razvoj i provedbu restrukturiranja energetskega sektora, upravljanja i tržišnih reformi u energetsom sektoru. Posljednjih godina radi na izradi Nacionalnog energetskega i klimatskega plana (NECP) za Bosnu i Hercegovinu, izradi studija izvodljivosti za izgradnju solarnih elektrana u regiji, kao i na aktivnostima uspostave organiziranog tržišta u Bosni i Hercegovini. Kao direktor USAID-ovih projekata "Energy Investment Activities (EIA)" i "Regulatory Assistance Project in the Energy Sector" u Bosni i Hercegovini (BiH), radio je na ključnim reformskim politikama u energetsom sektoru, što uključuje pomoć ministarstvima, regulatornim povjerenstvima u BiH i poduzećima u energetsom sektoru za razvoj i implementaciju pravila i procesa u cilju ispunjavanja zahtjeva uspostave energetskega tržišta i regionalne suradnje iz Ugovora o energetskega zajednici.

Mr. Ognjen Marković, a senior consultant with more than 40 years of experience in the energy sector, specializes in the development and implementation of restructuring of the energy sector, management and market reforms in the energy sector. In recent years, he has been working on the preparation of the National Energy and Climate Plan (NECP) for Bosnia and Herzegovina, the preparation of feasibility studies for the construction of solar power plants in the region, as

well as the activities of establishing an organized market in Bosnia and Herzegovina. As director of the USAID projects "Energy Investment Activities (EIA)" and "Regulatory Assistance Project in the Energy Sector" in Bosnia and Herzegovina (BiH), he worked on key reform policies in the energy sector, which includes assistance to ministries, regulatory commissions in BiH and companies in the energy sector to develop and implement rules and processes in order to fulfill the requirements of the establishment of the energy market and regional cooperation from the Treaty on the Energy Community.

## **Panel II: Regulatorni aspekt: Pravne prepreke u implementaciji i kako ih ukloniti**

### **Panelisti:**

#### **1. Izv.prof.dr.sc. Mišo Mudrić, Pravni fakultet Sveučilišta u Zagrebu**



Izv. prof. dr. sc. Mišo Mudrić je izvanredni profesor na Katedri za pomorsko i općeprometno pravo, Pravni fakultet Sveučilišta u Zagrebu. Arbitar je Stalnog izbranog sudišta pri Hrvatskoj gospodarskoj komori za sporove s i bez međunarodnog obilježja. Doktorirao je na Pravnom fakultetu Sveučilišta u Hamburgu 2013. godine, kao stipendist Max Planck Instituta za poredbeno i međunarodno privatno pravo u Hamburgu. Potpredsjednik je Hrvatskog društva za pomorsko pravo. Na Pravnom fakultetu predaje nastavu iz kolegija Energetsko pravo i kolegija International and EU Energy Law and Energy Security.

Assoc. prof. Ph.D. Mišo Mudrić is an associate professor at the Department of Maritime and General Traffic Law, Faculty of Law, University of Zagreb. He is an arbitrator of the Permanent Arbitration Court at the Croatian Chamber of Commerce for disputes with and without an international character. He received his doctorate at the Faculty of Law of the University of Hamburg in 2013, as a fellow of the Max Planck Institute for Comparative and International Private Law in Hamburg. He is the vice president of the Croatian Society for Maritime Law. At

the Faculty of Law, he teaches courses in Energy Law and International and EU Energy Law and Energy Security.

**2. Jan Krčmář, Direktor České solarne udruge i konzultant obnovljive energije, Prag, Češka Republika**



Jan Krčmář izvršni je direktor České solarne udruge, najveće udruge za solarnu energiju u Češkoj. S više od 700 članova Solar udruuga pokriva cijeli lanac vrijednosti solarne fotonaponske energije, od proizvođača, instalatera, investitora, banaka, sveučilišta i više. Udruga Solar lobira za lakšu implementaciju solarne fotonaponske energije u Češkoj, boreći se za brže i lakše izdavanje dozvola, povezivanje na mrežu kao i kvalitetu instalacija. Uz stotine postojećih velikih solarnih SPV-ova kao članova, udruuga se također bori za zaštitu ulaganja i dugoročno stabilno poslovno okruženje.

Jan Krčmář is the executive director of the Czech Solar Association, which is the largest solar power association in Czechia. With more than 700 members the Solar association covers the entire value chain of solar PV, from manufactures, installers, investors, banks, universities and more. The Solar association lobbies for easier deployment of solar PV in Czechia, fighting for faster and easier grid connection as well as quality of installations. With hundreds of existing large-scale solar SPVs as members the association also fights for investment protection and a long-term stable business environment.

### 3. Mario Krka, Divjak, Topic, Bahtijarevic & Krka OD d.o.o., Zagreb



Mario Krka je stariji partner u odvjetničkom društvu Divjak, Topić, Bahtijarević & Krka i voditelj tima za pravo zaštite tržišnog natjecanja. U svojoj dugogodišnjoj odvjetničkoj karijeri, Mario je stekao bogato znanje i iskustvo u području trgovačkog prava i prava društava, uključujući M&A (spajanja i preuzimanja), osobito u području energetike i medija. Savjetuje klijente iz brojnih industrija, uključujući telekomunikacije, farmaciju, turizam, visokoškolsko obrazovanje i dr. te je redovit govornik na brojnim konferencijama i panelima. Suautor je knjige „Ugovori o distribuciji u pravu tržišnog natjecanja EU-Hrvatska“. Diplomirao je na Pravnom fakultetu Sveučilišta u Zagrebu te stekao naslov Master of Law and Business pri Bucerius Law School i WHU-Otto Beisheim School of Management u Njemačkoj.

Mario Krka is a senior partner in the law firm Divjak, Topić, Bahtijarević & Krka and head of the competition law team. In his long legal career, Mario has acquired extensive knowledge and experience in the field of commercial and corporate law, including M&A (mergers and acquisitions), especially in the field of energy and media. He advises clients from numerous industries, including telecommunications, pharmaceuticals, tourism, higher education, etc., and is a regular speaker at numerous conferences and panels. He is the co-author of the book "Distribution Agreements in EU-Croatia Competition Law". He graduated from the Faculty of Law of the University of Zagreb and obtained the title of Master of Law and Business at Bucerius Law School and WHU-Otto Beisheim School of Management in Germany.

#### **4. Naida Taso, ekspertica za obnovljive izvore energije. Energy Community Secretariat, Beč**



Gospođa Naida Taso ima deset godina međunarodnog iskustva u područjima obnovljive energije, održivog razvoja, energetske modeliranja i tržišta električne energije. Trenutno radi u Tajništvu Energetske zajednice kao stručnjak za obnovljive izvore energije unutar European Green Deal Unit-a. Gđa. Taso odgovorna je za sve aktivnosti vezane uz obnovljivu energiju. Njezin je rad prvenstveno usmjeren na potporu ugovornim stranama Energetske zajednice u prijenosu i provedbi pravne stečevine EU, uključujući rad na dizajnu tržišne sheme potpore, sustava za jamstva podrijetla, vlastite potrošnje, korporativnih PPA-ova itd. Prije Tajništva, gđa Taso radila je za Međunarodnu agenciju za obnovljivu energiju (IRENA).

Gospođa Taso je magistrirala elektroenergetiku na Elektrotehničkom fakultetu Sveučilišta u Sarajevu i certificirani je stručnjak za financiranje klimatskih i obnovljivih izvora energije na Frankfurtskoj školi za financije i menadžment. Godine 2023. gospođa Taso pohađala je naprednu Power Purchase Agreement (PPA) Akademiju koju provodi Pexapark.

Ms. Naida Taso has ten years of international experience in areas of renewable energy, sustainable development, energy modelling and electricity markets. Currently working in the Energy Community Secretariat as Renewable Energy Expert within the European Green Deal Unit, Ms. Taso is responsible for all activities related to renewable energy. Her work is primarily focused on supporting Energy Community Contracting Parties in the transposition and implementation of the EU acquis, including work on design of market-based support scheme, system for guarantees of origin, self-consumption, corporate PPAs etc. Prior to the Secretariat, Ms. Taso worked for the International Renewable Energy Agency (IRENA).

Ms. Taso holds a master's degree in Electrical Power Engineering from the Faculty of Electrical Engineering- University of Sarajevo and is Certified Expert in Climate & Renewable Energy



Finance from Frankfurt School of Finance & Management. In 2023, Ms. Taso attended the advanced Power Purchase Agreement (PPA) Academy conducted by Pexapark.

## **5. Sonja Risteska, Green Enesys Group GmbH, Berlin ,Savezna Republika Njemačka**



Sonja Risteska je viša menadžerica poslovanja i razvoja za Istočnu Europu u Green Enesys GbmH, njemačkom kompaniji koja se bavi razvojem obnovljivih izvora energije, a koja je razvila komunalne solarne projekte u 14 zemalja diljem svijeta, trenutno radeći i na zelenom vodiku. Sonja Risteska iza sebe ima opsežan rad i rezultate koji se odnose na mnoge aspekte dekarbonizacije energetske i elektroenergetske sustava u jugoistočnoj Europi i gospodarstvima u razvoju. Bila je dio neprofitnog, vladinog i privatnog sektora, radeći na različitim aspektima postupnog ukidanja fosilnih goriva, obnovljivih izvora energije, razvoja vodika, financiranja, od politike i strategije do poslovnog razvoja. Autorica je, koautorica i doprinijela na više od 30 dokumenata o politici, sažetaka, studija itd. o različitim temama vezanim za energiju i okoliš.

Sonja Risteska is a Senior Manager Business & Development for East Europe in Green Enesys GbmH, German-based renewable energy developer, which has developed utility solar projects in 14 countries around the world, currently also working on green hydrogen. Sonja Risteska has extensive work and results behind her related to the many aspects of decarbonisation of the energy and power systems in Southeast Europe and emerging economies. She has been part of the non-profit, governmental and private sector, working on different aspects of phasing-out fossil fuels, renewables, just transition, hydrogen development, financing, from policy and strategy to business development. She has authored, co-authored and contributed to more than 30 policy papers, briefs, studies etc., on different energy and environmental topics.

## **6. Izv.prof.dr.sc. Ratko Brnabić, dekan, Pravni fakultet Sveučilišta u Splitu**



Izv.prof.dr.sc. Ratko Brnabić dekan je Pravnog fakulteta Sveučilišta u Splitu. Prof. Brnabić diplomirao je na Pravnom fakultetu u Splitu, a doktorirao 2010. s naslovom “Proboj pravne osobnosti i odgovornost za obveze”. Na Pravnom je fakultetu zaposlen od 2000. godine, a od 2014. godine obnaša ulogu pročelnika Katedre za trgovačko pravo i pravo društva te je ujedno i nositelj svih predmeta Katedre. Voditelj je Pravne klinike za pružanje besplatne pravne pomoći građanima.

Associate Professor, Ph.D. Ratko Brnabić is the dean of the Faculty of Law at the University of Split. Prof. Brnabić graduated from the Faculty of Law in Split, and received his doctorate in 2010 with the title "Breakthrough of Legal Personality and Responsibility for Obligations". He has been employed at the Faculty of Law since 2000, and since 2014 he has held the role of head of the Department of Commercial and Corporate Law and is also the head of all the Department's courses. He is the head of the Legal Clinic for providing free legal assistance to citizens.

### **Panel III: Ekonomske koristi i izazovi: Najbolja upotreba solarne energije?**

#### **Panelisti:**

- 1. Mirko Budiša, zamjenik direktora Fonda za zaštitu okoliša i energetske učinkovitost, Zagreb, Republika Hrvatska**



Mirko Budiša je diplomirani inženjer kemijske tehnologije. Tijekom svoje profesionalne karijere sudjelovao je u realizaciji brojnih projekata zaštite okoliša. Radio je kao voditelj odjela za tehničku provedbu projekata u Zagrebačkom centru za gospodarenje otpadom.

Mirko Budiša is a graduate engineer in chemical technology. During his professional career, he participated in the implementation of numerous environmental protection projects. He worked as the head of the department for technical implementation of projects at the Zagreb Center for Waste Management.

- 2. Leon Stille, New Energy Institute, Švedska**



Leon Stille ima iskustvo u energetske znanosti (MSc i BSc) i priprema doktorat o energetske politici. Trenutačno vodi vlastitu tvrtku kao neovisni energetski stručnjak kroz svoj institut za novu energiju. Od početka svoje karijere fokusirao se na razvoj tehnologije konvencionalne i obnovljive energije, inovacije i obrazovanje. Imao je komercijalne uloge u nekoliko energetskih tvrtki (Alliander i Current Plug Power) te je čest govornik, autor i moderator na događajima vezanim uz energiju. Nadalje, radio je za Nizozemsku organizaciju za primijenjena znanstvena istraživanja (TNO) kao menadžer za međunarodni poslovni razvoj posvećen omogućavanju i ubrzanju energetske tranzicije. Nakon TNO-a Leon je postao voditelj Energy Business School, Energy Delta Institute, upravljajući timom od 12 ljudi s međunarodnim uredom. Leon je također pružio velik dio sadržaja raznih programa i energetske politike Executive MBA kao ključni predavač i stručnjak. Leon je također radio na projektu HEAVENN, prvoj europskoj dolini vodika, kao stručnjak i konzultant. Leon ima tri patenta i nekoliko pomoćnih pozicija kao znanstveni savjetnik europske udruge za bioplin i hydrogen europe, član odbora za održivost međunarodne plinske unije i autor Illuminema.

Leon Stille has a background in energy sciences (MSc and BSc) and pursuing a PhD on energy policy. He currently runs his own company as an independent energy expert through his label new energy institute. He is manager education and partnerships of impact hydrogen and Lector sustainable energy systems at NCOI University of applied sciences. From the start of his career he has focused on conventional and renewable energy technology development, innovation and education. He has held commercial roles in several energy companies (Alliander and current plug power) and is a frequent speaker, author, and moderator at energy related events. Furthermore, he worked for the Netherlands Organisation for applied scientific research (TNO) as international business development manager dedicated to enabling and accelerating the energy transition. After TNO Leon became manager of energy business school, energy delta institute, managing a team of 12 with an international office. Leon also provided much of the content of various programs and the executive MBA energy policies as key lecturer and expert. Leon also worked in the HEAVENN project, Europe's first hydrogen valley, as expert and consultant. Leon holds three patents and several ancillary positions as scientific advisor of the european biogas association and hydrogen europe, sustainability committee member of the international gas union and top author of Illuminem.

### **3. Joris Heijdt, Projectleider Hernieuwbare Energie en Projecten Afdeling Verhuur, Nizozemska**



Joris Heijdt ima iskustvo u znanostima o Zemlji sa Sveučilišta u Utrechtu. Od početka svoje karijere fokusiran je na obrazovanje i upravljanje projektima. Imao je komercijalne uloge u tvrtkama za organizaciju događaja koje se bave sigurnošću i organizacijom velikih događaja. Kao i nekoliko obrazovnih uloga usmjerenih na mlade i profesionalce.

Trenutno radi kao energetska analitičar na Energy Delta Instituteu koji je dio New Energy Coalitiona, posvećen pružanju obrazovanja i promicanju energetske tranzicije. Ovdje je Joris ključni stručnjak za sve programe i aktivnosti vezane uz vodik. Odgovoran je i za izgradnju vodikovih programa za tečajeve na otvorenom tržištu i unutar poduzeća. Kao i za rad na drugim inovativnim projektima vezanim uz energetska tranziciju i vodik.

Joris Heijdt has a background in Earth Sciences from the University of Utrecht. From the start of his career he has focused on education and project management. He has held commercial roles in event management companies dealing with security and organization of large scale events. As well as several educational roles aimed towards youth and professionals.

Currently, Joris is working as energy analyst at the Energy Delta Institute part of New Energy Coalition, dedicated to providing education and promotion towards the energy transition. Here Joris is the key expert on all the hydrogen programs and activities. He is responsible for building hydrogen programs for open market and incompany courses as well as working in other innovative projects related to the energy transition and hydrogen.

**4. Dr.sc. Zorana Božić, The Solar Fund. Aarhus, Middle Jutland, Danska/Beograd, Republika Srbija**



Zorana Božić je doktorirala na Fakultetu tehničkih nauka, Univerziteta u Novom Sadu, na temu analize volatilnosti cijena električne energije na različitim Europskim burzama. Suosnivačica je tvrtke "The Solar Fund", koja se bavi demokratizacijom ulaganja u projekte solarnih elektrana. Dugogodišnje iskustvo na području energetike stekla je radom u Naftnoj industriji Srbije na mjestu stručnog koordinatora za analizu tržišta električne energije, a daljnje napredovanje u karijeri ostvaruje u Danskoj, kao trgovac električnom energijom.

Zorana Božić received her doctorate at the Faculty of Technical Sciences, University of Novi Sad, on the topic of analyzing the volatility of electricity prices on different European stock exchanges. She is the co-founder of the company "The Solar Fund", which deals with the democratization of investing in solar power plant projects. She gained many years of experience in the field of energy by working in the Oil Industry of Serbia in the position of expert coordinator for the analysis of the electricity market, and made further progress in her career in Denmark, as an electricity trader.