

## CURRICULUM VITAE

### Proposed position:

1. **Family name:** Madesko
2. **First names:** Mirsad
- 2.1. **Email:** mirsad.madesko@gmail.com
- 2.1. **Tel:** +387 61 320 563
- 2.2. **Address:** Jablanička 1A, 71210 Ilidža, Bosna i Hercegovina
- 2.3. **Marital status:** Married
3. **Date of birth:** January 14, 1987
4. **Nationality:** Bosnia and Herzegovina

### 5. Education:

<i>Institution</i>	International University of Sarajevo Faculty of Business and Administration Department of management and leadership And Faculty of Management and Business Economics Department of Quantitative Economics
<i>Date: from (month / year): to (month / year):</i>	2013- 2023
<i>Degree(s) or Diploma(s) obtained:</i>	PhD in Business Economy Thesis: "The Impact of the Energy Sector Transition on Economic Growth in Bosnia and Herzegovina"

<i>Institution</i>	Faculty of Electrical Engineering of Sarajevo University, Department for Electrical Power Engineering
<i>Date: from (month / year): to (month / year):</i>	December 2012- on going
<i>Degree(s) or Diploma(s) obtained:</i>	PhD in Electrical Engineering - on going

<i>Institution</i>	Faculty of Electrical Engineering of Sarajevo University, Department for Electrical Power Engineering
<i>Date: from (month / year): to (month / year):</i>	September 2008 – July 2010
<i>Degree(s) or Diploma(s) obtained:</i>	Master degree in Electrical Engineering

<i>Institution</i>	Faculty of Electrical Engineering of Sarajevo University, Department for Electrical Power Engineering
<i>Date: from (month / year): to (month / year):</i>	October 2005 – September 2008
<i>Degree(s) or Diploma(s) obtained:</i>	Bachelor degree in Electrical Engineering

### 6. Language skills: (Mark 1 to 5 for competence, 5 being the highest)

<i>Language</i>	<i>Reading</i>	<i>Speaking</i>	<i>Writing</i>
Bosnian/Croatian/Serbian	Mother tongue	Mother tongue	Mother tongue

English	5	5	5
German	A2	A2	A2

**7. Membership of professional bodies:**

- International Council on Large Electric Systems Committee for Bosnia – Herzegovina, BH K CIGRÉ,
- Member of Technical Committee: BAS/TC 56 Conventional and alternative sources of electrical energy, Institute for standardization of B&H
- Member of the Mountain Rescue Service of the Sarajevo Station

**8. Other skills (e.g. computer literacy, etc.):** Thorough knowledge of commercial packages MS Office, MS-WINDOWS operating systems, AutoCAD, Visual Basic, MATLAB, Knauf, PSIM, WORKBENCH, managerial and organizational skills.

**9. Present positions:**

Full Lecturer for electrical engineering group of modules at Electrical Engineering High School of Sarajevo,

Assistant Professor (PhD) for the course "*Applied Data Analysis*", "*Mathematics*," and "*Statistics*"

Director at Exakt d.o.o.

**10. Years of experience: 14**

**11. Key qualifications:**

Consultant specializing in developing and managing projects in energy sector in Bosnia and Herzegovina with focus on electrical engineering, energy efficiency and renewable energy sources, energy auditing, street lighting, lighting design, strategic, legal environmental and policy issues. He is specialized in developing projects in **safety sector with focus on alarms, fire and technical safety and protection**. He has excellent knowledge of local circumstances in B&H and strong experience in energy efficiency and renewable energy sources as well as a strong marketing and communication expertise. Additionally, he is a certified auditor for energy auditing of buildings as per the EPBD 2002/91/EC by the Federal Ministry of Physical Planning of Bosnia and Herzegovina. His other skills include financial engineering of energy efficiency (EAB programme of ENSI AS, Norway), industrial energy efficiency, infrared thermography and flue gasses analysis. He possesses strong references in various branches of energy, ranging from district heating systems, biomass, renewable energy sources, thermal power plants, CHP systems etc.

**12. Specific experience in the region:**

Country	Date: from (month / year) to (month / year)
Bosnia and Herzegovina	from 04/2011 to present
Serbia	from 10/2013 to 03/2014

**13. Employment Record:**

- **December 2020 – on going:** Faculty of Management and Business Economics
- Positions held: Assistant Professor (PhD) for the course "*Applied Data Analysis*", "*Mathematics*," and "*Statistics*"
- **November 2022– on going:** Exakt d.o.o.
- Positions held: Owner and Director
- **December 2020 – November 2022:** MTS d.o.o.
- Positions held: Executive Director
- **December 2020 – November 2024:** Municipality of Ilidza

- Positions held: Councilor
- **March 2014 – 2023:** Enova d.o.o. Sarajevo
- Positions held: Senior consultant for energy efficiency, renewable energy, electrical engineering and sustainable energy development
- **November 2017 – on going: Electrical Engineering High School of Sarajevo**
- Positions held: Lecturer for electrical engineering group of modules
- **November 2016 – November 2020:** Municipality of Ilidza
- Positions held: Councilor
- Party: Independent
- **September 2017 – October 2017:** Secondary Technical School of Graphic Technology, Design and Multimedia
- Positions held: Lecturer for electrical engineering group of modules
- **March 2014 – December 2016:** DSC d.o.o. Security agency  
Positions held: Technical director
- **April 2011 – March 2014:** Enova d.o.o. Sarajevo  
Positions held: Consultant
- **September 2011 – January 2016:** JU Srednjoškolski Centar Hadžići – Secondary school  
Positions held: Lecturer for electrical engineering group of modules
- **January 2013 – March 2014:** Faculty of Mechanical Engineering of Sarajevo University  
Positions held: Energy efficiency expert - external
- **April 2011 – March 2014:** Enova d.o.o. Sarajevo  
Positions held: Consultant
- **July 2010 - November 2010:** SBiH  
Positions held: Project Manager and IT engineer
- **October 2008 - October 2012:** Municipality of Ilidza  
Positions held: Councilor

**14. Professional Experience Record:**

Date from – Date to	Location	Company & reference person (name & contact details)	Position	Description
2023-on going	Bosnia and Herzegovina, Croatia	Apricum, MDT, Iderro,	Project Manager	KNX Systems
2023	Bosnia and Herzegovina	Exakt d.o.o.	Project Manager, Main Engineer	Technical Protection and Lighting Upgrade Study for Children's and Sports Playgrounds in the Municipality of Novo Sarajevo
2023	Bosnia and Herzegovina	Exakt d.o.o.	Project Manager, Main Engineer	Main Design Project for Technical Security within the Natural Monument "Vrelo Bosne" and the Protected Landscape "Bijambare".
2023	Bosnia and Herzegovina	Exakt d.o.o.	Project Manager, Main Engineer	Main Design Project for the Construction of Access Ramps, Technical Security, and Lighting of the Grbavica Parking Lot.
December 2020 – on going	Bosnia and Herzegovina, Croatia, Serbia	MTS d.o.o. and Exakt d.o.o.	Project Manager, Main Engineer	More than 100 Feasibility Studies with Conceptual Designs of SOLAR POWER PLANTS, Main Projects, and As-Built Projects.
February 2021 - ongoing	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	<b>Project title: REELIH – Residential Energy Efficiency in Low Income Households, Sarajevo Centar municipality</b> <b>Client:</b> Habitat for Humanity International
October 2021 - February 2022	Lukavac, Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Project Manager and Technical Expert	Feasibility studie and energy audit for instalment of new ee street light system for municipality of Lukavac
2010 – ongoing	Bosnia and Herzegovina	Manedra d.o.o. Bičakčić d.o.o. MTS d.o.o. DSC d.o.o. Shema d.o.o. and ...	Design and Technical Supervision	Design and Technical supervision, Design of buildings with technical supervision and Technical acceptance of facilities in the Municipalities, Design of public lighting – street lighting, Lighting design, Design and Studies of renewable enrgy sources and etc...
March 2021 – on goding	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Technical supervision and design	Performing lighting design, works supervision in UKC Tuzla

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March 2021	Bosnia and Herzegovina	MTS d.o.o.	Project Manager and Technical Expert	Feasibility study for use of solar energy - Photovoltaics (PV) systems at Farma.ba
March 2021 – on going	Bosnia and Herzegovina	Bičakčić d.o.o.	Technical supervision	Supervision on Photovoltaics (PV) systems UNDP
May 2020 – December 2020	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Project Manager and Technical Expert	Feasibility studies for instalment of new ee street light system for 12 municipalities, lot1 & lot2
July 2020 - August 2020	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	Development of Study on energy efficiency of central heating, ventilation and air conditioning system for Banja Vrućica spa complex in Teslić
May 2020 - October 2020	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	Development of Study on improvement of energy efficiency in households used by people in social need in Sarajevo Canton
November 2019 - February 2020	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	Performance of detailed energy audits for LOT 2 – Individual housing buildings and collective housing buildings in municipalities Centre Sarajevo and Old Town Sarajevo, within Model for energy efficiency improvement in buildings in Canton Sarajevo as a function of increasing numbers of users
June 2019 - February 2020		Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	Assessment of Energy Efficiency in Public Buildings in Autonomous Province of Vojvodina
04/2019	Bosnia and Herzegovina	Arhus Centar Sarajevo +387 33 660 588	Technical Expert	Upcycling
July 2019 - January 2020		Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	Energy efficiency strategy for Municipality of Novi Grad Sarajevo

<b>Date from – Date to</b>	<b>Location</b>	<b>Company &amp; reference person (name &amp; contact details)</b>	<b>Position</b>	<b>Description</b>
August 2019 - November 2019	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	Performance of Study on energy efficiency in 363 public buildings in Zenica-Doboj Canton
August 2019 - October 2019	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	Performance of 18 detailed energy audits in Sarajevo Canton
March 2019 - May 2020	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	Performance of comprehensive detailed energy audits, audits for energy certificate and preparation of BoQs for identified energy measures on rehabilitation of 75 public buildings in FBiH
May 2019 - July 2019				Energy auditing of 12 residential buildings in Municipality of Visoko
12/2018 - on going	Bosnia and Herzegovina	Elektrotehnička škola u Sarajevu - Electrical Engineering High School of Sarajevo +387 33 611 386	Project Manager	Solar motor cycle financing by Environmental Fund of the Federation of Bosnia and Herzegovina
June 2018 - December 2018	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	Development and delivery of training modules on wood biomass business models and management for private sector and local communities in B&H
08/2018 – 01/2019	Goražde (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Project Manager and Energy Efficiency Expert	Study for replacing existing street lightis in Bosnian-Podrinje Canton Goražde
06/2018 - 08/2018	Zenica (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Project Manager and Energy Efficiency Expert	Study for replacing existing lighting bodies with led light in Hospital "JU KANTONALNA BOLNICA ZENICA"

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July 2018 - October 2018	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	<b>Project title: Maglaj district heating system - concept and strategic framework</b> <b>Client:</b> Municipality of Maglaj <b>Description of tasks:</b> <ul style="list-style-type: none"> <li>- Main climate parameters for district heating project in Maglaj,</li> <li>- Thermal characteristics and needs,</li> <li>- Biomass supply,</li> <li>- Technical preliminary solution,</li> <li>- Affordability analysis,</li> <li>- Profitability analysis,</li> </ul> Ecologic parameters and project benefits, pollutants emissions.
June 2018 - December 2018	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	<b>Project title: Development and delivery of training modules on wood biomass business models and management for private sector and local communities in B&amp;H</b> <b>Client:</b> UNDP BiH <b>Description of tasks:</b> <ul style="list-style-type: none"> <li>- Development of the two-day training module for representatives of selected municipalities,</li> <li>- Development of the one-day training module for representatives of private sector,</li> <li>- Organization and implementation of training modules,</li> <li>- Preparation of reports for each training held,</li> <li>- Preparation of study/material/application for funding,</li> </ul> Final progress report.
May 2018 - September 2018	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	<b>Project title: Elaboration of a feasibility study for a biomass ESCo-project in Bosnia and Herzegovina</b> <b>Client:</b> GIZ – German Development Cooperation <b>Description of tasks:</b> <p>Task 1: Evaluation of current situation</p> <ul style="list-style-type: none"> <li>- Evaluation of current energy situation in the 8 public and 3 residential buildings in Laktaši</li> <li>- Evaluation of existing biomass supply chain</li> <li>- Evaluation of site conditions</li> <li>- Evaluation of current regulatory and policy framework</li> </ul> <p>Task 2: Conducting analysis and elaboration of the feasibility study</p> <ul style="list-style-type: none"> <li>- Elaboration of a conceptual design for the biomass project</li> <li>- Description of biomass-supply concept</li> <li>- Definition of CAPEX and OPEX</li> </ul>

Date from – Date to	Location	Company & reference person (name & contact details)	Position	Description
				<ul style="list-style-type: none"> <li>- Financial and economic analysis</li> <li>- Description of the envisaged concept of Energy-Supply-Contracting (ESC)</li> <li>- Elaboration of value-for-money-analysis (economic justification)</li> <li>- Implementation plan</li> </ul> Task 3: Results of feasibility analysis
04/2018- 05/2018	Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Technical expert	Revision of the main electrical installation projects of Helth Center " JU Doma zdravlja Visoko
01/2018 - 03/2018	Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Electrical Designer	Recycling Waste Landfill "Ilijaš"
06/2017 - 06/2017	Jajce (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy certification of Jajce Tourist Board Info Desk building
04/2017 - 06/2017	Canton Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Performance of detailed energy audits on 10 public buildings in Canton Sarajevo – LOT 1, activity implemented under project "Green Economic Development"
04/2017 - 05/2017	Zenica- Doboj Canton (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Performance of energy audits in schools in Zenica-Doboj Canton
02/2017 - 02/2017	Banovići (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy auditing for Samacka building, Banovici
09/2016 - 12/2016	Canton Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Study on energy efficiency of 300 public buildings in Sarajevo Canton
10/2016 - 11/2016	Canton Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Quantification of Energy Efficiency and Renewable Energy Measures to Reduce Energy Poverty in the Heating Sector in Sarajevo Canton
04/2016 - 06/2016	Canton Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Green Economic Development - Increasing energy efficiency in public buildings in FB&H - LOT4

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01/2016 - 06/2016	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Resource Efficient and Cleaner Production in Bosnia and Herzegovina
02/2016 - 02/2016	Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy certification of residential-office building „Izvor“ – lamella A
January 2016 - April 2016	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Energy and Energy Efficiency Expert	<b>Rehabilitation and Modernization of the District Heating System in the City of Banja Luka – Focus on Energy Efficiency</b> <b>Client:</b> Climate Technology Centre & Network (CTCN) <b>Description of tasks:</b> <ul style="list-style-type: none"> <li>- Assessment of the present status of the DH system;</li> <li>- Analysis of the DH system rehabilitation and modernisation;</li> <li>- General recommendations and priority investment programme;</li> <li>- Analysis of possible fuel sources, biomass availability;</li> </ul> Comparative analysis of heating prices from different heating sources, Least cost analysis.
12/2015 - 01/2016	Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy certification of residential-office building „Kumrovec II“
12/2015 - 01/2016	Jajce (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Detailed energy auditing and energy certification of public buildings and professional education in energy management in Jajce Municipality
10/2015 - 01/2016	Bosnian- Podrinje Canton (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy Efficiency Study and Plan for Bosnian-Podrinje Canton for Period 2015-2020
10/2015 - 11/2015	Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy auditing and energy certification of Central Office of the Central Bank of B&H
07/2015 - 08/2015	Novi Travnik (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy auditing and energy certification of Novi Travnik Health Centre
07/2015 - 07/2015	Novi Travnik (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy auditing and energy certification of Novi Travnik Municipality building
03/2015 - 04/2015	Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy certification of residential/business buildings in Miljacka neighbourhood, Džemala Bijedića 160 in Sarajevo

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02/2015 - 03/2015	FB&H	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Performance of detailed energy audits by authorized companies for complex energy audits on 34 public buildings - LOT5
02/2015 - 03/2015	Vareš (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy auditing and certification of Vareš Health Centre
01/2015 - 06/2015	Canton Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Study of the state of energy consumption in the central health centres in Canton Sarajevo with potential energy savings calculation by implementing energy efficiency measures
11/2014 - 12/2014	Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy auditing and certification of Business Centre S2C in Sarajevo
09/2014 - 09/2014	Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy auditing and certification of „Emiran Luxury University Hotel“ in Sarajevo
07/2014 - 08/2014	Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy auditing and certification of Business Centre S2B in Sarajevo
06/2014 - 07/2014	Bihać (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy auditing and certification according to current legislation for Bingo Shopping Centre in Bihać
05/2014 - 07/2014	FB&H	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Green Economic Development – Increasing Energy Efficiency in Public Buildings in FB&H
04/2014 - 04/2014	Olovo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy certification of Spa-recreational centre „Aquaterrm“ Olovo
04/2014 - 04/2014	Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy auditing and energy certification of Proleter building (Sarajevo City Center – second phase)
03/2014 - 03/2014	Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy auditing and energy certification according to the relevant legislation of the „Sarajevo City Center“ (SCC) building at Marijin Dvor
03/2014 - 05/2014	B&H	DSC d.o.o. Sarajevo + 387 33 651-117	Technical Director Electrical Designer	Fire protection plans and fire risk assessments and Technical protection projects and design more than 100 projects and plans in the banks, households, buildings...
12/2013 - 02/2014	Sapna (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Biomass Expert	Study of the biomass potential in the region of Sapna municipality

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12/2013 - 01/2014	Tuzla and Banovići (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Facilitation of residential energy efficiency loan product development based on the outcome of energy audits and households surveys in representative buildings
10/2013 - 03/2014	Bijeljina (B&H) and Bogatić (Serbia)	Enova d.o.o. Sarajevo +387 33 279 100	Renewable energy expert and Energy Efficiency Expert	Feasibility study for use of solar energy for obtaining thermal and electric energy in town of Bijeljina and municipality of Bogatić
06/2013 - 06/2013	Vareš (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Energy auditing, development of economically viable measures and investment-technical documentation in accordance with applicable regulations for secondary school „NORDBAT-2“ Vareš
05/2013 - 03/2014	B&H	Enova d.o.o. Sarajevo +387 33 279 100	National Technical Advisor and PCB expert	The component 2.3 of the Medpartnership project - Bosnia and UNIDO project
12/2012 - 03/2014	B&H	Enova d.o.o. Sarajevo +387 33 279 100	Team Leader of group for PCB	Enabling Activities to Facilitate Early Action on the Implementation of the Stockholm Convention on POPs in Bosnia and Herzegovina
05/2013 - 10/2013	Grazde (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	Waste management plan in Bosansko-podrinjski Canton Gorazde for 2013th - 2018th
04/2013 - 05/2013	B&H	Enova d.o.o. Sarajevo +387 33 279 100	Project Manager and Technical Expert	Plan to adapt the concept of regional municipal waste disposal and remediation of "wild" landfills in the municipality of Busovaca
01/2013- 04/2014	Sarajevo (B&H)	Mechanical Engineering Faculty in Sarajevo	Consultant	Energy audit of Veterinary Faculty in Sarajevo
February 2012	Bosnia and Herzegovina	Bosna-S d.o.o. Sarajevo / Energetek Herz d.o.o. Mostar	Technical and Energy Efficiency Expert	<b>Feasibility Analysis of Conversion of the Existing KJKP GRAS Sarajevo Bus Fleet to Operate on Compressed Natural Gas – Environmental and Technical Chapters</b> <b>Description of tasks:</b> <ul style="list-style-type: none"> <li>- Development of the introductory part of the study with a brief overview of the current state of KJKP GRAS public bus transport, a description of CNG as a fuel, as well as benefits of transition to CNG as engine fuel;</li> <li>- Technology overview and description of the operation principles of the vehicle with a diesel engine fuelled with CNG;</li> <li>- Analysis of environmental aspects of the conversion to CNG, including a review of relevant national and EU legislation, description of pollutants emerging from motor vehicles, calculation of emission load from GRAS bus fleet and comparison of emission loads for the case of diesel and CNG as the engine fuel.</li> </ul>

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06/2012- 12/2012	B&H	Enova d.o.o. Sarajevo +387 33 279 100	Technical and Environmental Expert	Feasibility Study for Municipal Waste Landfill “Pakline” Tomislavgrad
06/2012 - 08/2012	Vlašić (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	Master plan of development of mountain Vlašić for Travnik municipality area
01/2012 - 05/2012	Zenica (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Consultant	Interactive Training for Energy Audit of Buildings Including Practical Application
06/2011 - 06/2012	Bosnia and Herzegovina	Enova d.o.o. Sarajevo +387 33 279 100	Biomass Expert	Facilitation of biomass association development and enhancement of advocacy capacities within the woody biomass sector of Bosnia and Herzegovina
08/2011 - 10/2011	Donji Vakuf (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Technical and Energy Efficiency Expert	Feasibility Study for Biomass District Heating Network for Municipality of Donji Vakuf
05/2011 - 06/2011	Maglaj (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Technical and Financial Expert	Feasibility Study for Biomass District Heating Network for Municipality of Maglaj
03/2011 - 03/2012	Kakanj - Zenica (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Technical Expert	Feasibility Study of the Thermal Energy Supply from TPP Kakanj of Area to/and Zenica
02/2011 - 02/2012	Sarajevo (B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Project Coordinator and Technical Expert	Cogeneration KDIII-2 Feasibility and Economic Study
04/2011 - 12/2012	B&H)	Enova d.o.o. Sarajevo +387 33 279 100	Energy Expert	State of environment report for BiH
06/2010 - 11/2010	B&H	Stranka za Bosnu i Hercegovinu	Team leader	Development an application for entering and tracking the election results at the state level

## 15. Other relevant information

### Trainings:

- **KNX Basic Course, 2023, Apricum d.o.o., KNX Association Brussels.**
- Certificate for lighting designers in software Dialux, Faculty of Electrical Engineering of Sarajevo University, IEEE
- Training on writing and implementation EU projects, SERDA, Project academy, December 2018,
- Training program for energy auditors - Stage III, Ceteor d.o.o, Sarajevo, 2015, 2016, 2017, 2018,
- Program of specialization for presidents and members of supervisory boards and managements of companies with a share of state capital, Chamber of Economy of the FB&H, Sarajevo, 2017
- **Certificate for the responsible person (Technical and Body security), Police Academy, Federal Ministry of Interior B&H**
- Passed exam for designers of electrical systems - Electrical Engineering, Federal Ministry of Physical Planning, Sarajevo B&H
- Passed exam for educators, teachers and professional associates in preschools, elementary schools and secondary schools
- Business Professional Development Program from 10 March 2014 to 10 May 2014 , hosted by International faculty of Sarajevo
- L2000 DX User Certificate for Sampling and Screening PCBs hosted by Ministry of Foreign Trade and Economic Relations of Bosnia and Herzegovina, UNEP, MAP, GEF and MedPartnership
- PCB Training Certificate, PCB Inventories and Environmentally Sound Management of PCBs hosted by Ministry of Foreign Trade and Economic Relations of Bosnia and Herzegovina, UNEP, MAP, GEF and MedPartnership
- Certificate for participation in the ISO national seminar on "Energy Management Systems - ISO 50001" Hosted by the Institute for Standardization of Bosnia and Herzegovina (BAS), Sarajevo
- Certificate for the trainer-instructor for training of technician/operators of refrigeration and air conditioning systems in Bosnia and Herzegovina
- Energy auditing of buildings with complex technical system - Stage II, Federal Ministry of Physical Planning, Sarajevo, 2012.
- Energy auditing of buildings with simple technical system - Stage I, Federal Ministry of Physical Planning, Sarajevo, 2012.
- Energy consumption management in buildings sector and Green Office practices, USAID/MDGIF, Sarajevo, 2012

### 16. Publications:

- Madeško, M.; Grebović, S.; Adilović, B.; Helać, V. *An Approach on Modelling of Distributed Overhead Lines for Transient Studies*. 5th IEEE International Scientific Conference of Communications, Information, Electronic and Energy Systems (CIEES), 2024.
- Madeško, M.; Helać, V.; Fejzić, A.; Konjicija, S.; Akšamović, A.; Grebović, S. *Integrating Floating Photovoltaics with Hydroelectricity*. *Energies* 2024, **17**, 2760. <https://doi.org/10.3390/en17112760>
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**17. Hobbies:**

- Certificates, trainings and membership:
  - Certified CMAS scuba diver - star 1 and rescue diver - star 1, RK (diving club) "Bosna",
  - Certified mountain guide A category in Bosnia and Herzegovina, PS BiH,
  - Certified travel guide in Canton Sarajevo and Herzegovina-Neretva Canton, Federal ministry of environment and tourism,
  - Winter alpinism course, Sarajevo School of Alpinism,
  - Member of the mountaineering society "Visičica",
  - Member of the Mountain Rescue Service - Station Sarajevo
  - Mountain Rescue Service summer course, GSS FBiH
  - Mountain Rescue Service winter course, GSS FBiH
  - Mountain Rescue Service medical course, GSS FBiH

**Certification:**

I, the undersigned, certify that to the best of my knowledge, these data correctly describe me, my qualifications and my experience.

Mirsad Madesko



16/04/2025

Name

Signature

Date