

Mia Dragovic

Curriculum Vitae

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Professional experience

- May 2017 - ongoing – Scientific researcher, Institute for European Energy and Climate Policy Stichtung, Netherlands
Currently coordinating and leading WP on implementing a peer to peer learning programme for Horizon 2020 project PROSPECT (June 2017 -May 2020). IECEP focuses on the generation and dissemination of scientific knowledge in energy and climate policy.
- Oct 2015 – Senior researcher, Croatian Energy Institute Hrvoje Požar
April 2017 – Working on economic, policy and social issues of sustainable energy. EIHP is a national research institute and Croatian largest energy scientific institution working on most important policy in the country, with a world-wide reach through international projects.
- Feb 2014 – Energy efficiency policy expert, National Authority for EE, CEI
Oct 2015 – Part of a team helping Ministry of Economy prepare all necessary legislation required under the Energy Efficiency Directive. Participated in creating: 3rd National energy efficiency action plan, Croatian Act for energy efficiency, M&V of energy savings, forming Energy Obligations, planned national EE central webpage, developed practices for local energy efficiency planning. Independently managed working groups and all stakeholders, managing private and public interests, obliging to EED. As a partner applied a HORIZON-EE-2015-3 PUBLENEF project.
- Nov 2013 – Owner, MD solar ltd.
Oct 2015 – Initiated SME for energy certification and consulting regarding to sustainability projects, developed two feasibility studies for large renewable energy, conceived technical seminars as an expert on IPA CBC international project „Renewable Energy in cities“.
- June 2009 – Energy efficiency regional project coordinator, United Nations
Nov 2013 – Development Programme
Started as a local team leader and progressed to regional project coordinator of two national projects. Worked on development of a national energy management software for tracking energy consumption in public buildings. Led and managed a team of engineers in establishing ‘energy efficiency teams’ in local governments and governing them in implementing EE solutions. Together with my team, helped local governments gain over € 3 million through national tenders for EE practices.

Education

- April 2016 MBA Renewables and energy efficiency at Beuth Hochschule für Technik, Berlin, Germany, cumulative GPA on German scale 1,8 (excellent)
- Thesis: Economic Appraisal of Introducing Energy Efficiency in the Public Sector: Overview of existing economic methods with ex-post application to sustainable energy management program in Croatia
- May 2009 Rochester Institute of Technology, Rochester, NY (division in Croatia)
Bachelor of Science Degree with specialization in Small business management, cumulative GPA 4.94/5 – highest honors (241 ECTS),
- Thesis: Socioeconomic Barriers To Exploiting Geothermal Energy

Certificates, tests & skills

- Certificates
- University of Illinois at Urbana-Champaign, "Introduction to sustainability", 2012
 - Certificate in IR thermography at University of engineering, Zagreb, 2008
 - UN Development Programme certificate for Energy Advisor, Zagreb, 2008
- Tests
- TOEFL computer-based English test 280/300, essay 6/6, 2004
 - GRE Verbal 154, Quantitative reasoning 158, 2015
- Languages
- Native in Croatian, fluent in English (C2), intermediate German (B1), basic French, Spanish

Awards, publications & memberships

- Awards
- Outstanding Undergraduate Student Award RIT, NY, USA, 2008
 - ASSIST full scholarship at a private high school in Colorado Springs, CO cumulative GPA 3.9/4, 2003/2004
 - Best International Student Award at Colorado Springs, 2004
- Professional publications
- EE and RE expert material on EU project www.chee-ipa.org
 - Article "Solar fever" on solar subsidies and market conditions in Croatia, professional business magazine BIZDirekt, Feb 2013
 - Co-created various legal documents delivered under the obligation of Energy Efficiency Directive; Energy Efficiency Law, National Action Plan on Energy Efficiency and three bylaws
- Memberships
- HED – Croatian Energy Society, member of WEC – World Energy Council
 - DOOR – Croatian Society for Sustainable Development Design

Selected projects

Duration	Name and description	Beneficiaries	Position and main activities
2017	Horizon 2020 PROSPECT – <i>Peer Powered Cities and Regions</i>	10 project partners from 8 European countries	Coordinating the project along with Vlasis Oikonomou, also leader of work package 4: Launching, monitoring and verifying the learning programme.
2017	Horizon 2020 EPATEE – <i>Evaluation into Practice to Achieve Targets for Energy Efficiency</i>	10 project partners from 9 European countries	Participated in project creation, especially the learning packages about case studies on verification practices of energy efficiency.
2017	End user training for FAO bioenergy and food security rapid appraisal tool	Food and Agriculture Organization of the UN	Economic expert providing guidance for 18 government officials and researchers from Benin, Burkina Faso, Ghana, Niger, Senegal, Swaziland, Togo, and Zambia.
2017	Determining co-financing rates for refurbishing public and private buildings in Croatia	Ministry of Construction and Physical Planning	Main economic expert for the study.
2016	EED Article XIV Comprehensive assessment of the potential of high efficiency cogeneration and efficient district heating and cooling	Slovenian Ministry of Infrastructure	Expert responsible for the assessment and overview of legal and policy background in Slovenia.
2016	Expert advisory services to Montenegro for the implementation of an Energy Efficiency Obligation scheme	Economic Consulting Associates (ECA)	EIHP provided technical and modelling expertise and inputs in terms of developing cost-effectiveness analysis for proposed set of activities which would be calculated towards Energy Efficiency Obligation (Article 7 of Energy Efficiency Directive).
2016	Program for Energy Renewal of Public Buildings in Croatia	Croatian Ministry of Construction and Physical Planning	Project expert responsible for analysis of existing programs, recognizing barriers and proposing potential solutions for: public building renovation, ESCO projects in the public sector, and use of innovative financial instruments.
2016	Horizon 2020 multEE – Facilitating Multi-level governance for Energy Efficiency	8 project partners from 8 countries	Project expert for energy efficiency measurement and verification practices, energy efficiency measures planning and best-case scenarios for the consistency and quality of energy efficiency policy planning and implementation.
2015	Intelligent Energy Europe project neZEH – nearly zero energy hotels	10 project partners from 7 European countries	Writing two feasibility studies with proposed energy efficiency and renewable energy solutions necessary for hotels to achieve a NZEB standard.
2015	Consulting ESCO start-up for public lighting	Large Croatian electrical engineering company	Expertise was provided on the ESCO market in the Western Balkan region, barriers and potential solutions, as well as financial analysis of their first pilot project.

2014	Writing and coordinating Croatian Third National Energy Efficiency Action Plan	Croatian Government, Ministry of Economy	Main coordinator of Croatian 3rd NEEAP 2014-2016 Communicated with over 180 beneficiaries in all sectors, collected measures for the new planning period and calculated BU results for the 2 nd NEEAP. My main contribution: Bottom-up verifications of each saving in the local governments was made for the first time, resulting in additional 0,15 PJ of collected and verified savings.
2014-2015	Helping develop regulation package of Acts and Rulebooks on Energy Efficiency for the Ministry of Economy, according to EED	Croatian Government, Ministry of Economy	Participated in developing the following Acts and Regulations: <ul style="list-style-type: none"> • Croatian Act on Energy Efficiency • Croatian rulebook for monitoring, measuring and verification of EE measures • Croatian Act on Energy Audits in Large Enterprises • Croatian Act on Sustainable Energy Management in the Public Sector • Croatian Act on Energy Efficiency Obligation – in process • Initiative & recommendations for Rulebook on Public Lighting Energy Audits Writing national yearly report for NEEAP implementation, and many guidebooks on the topic of implementation of EE regulations across all sectors. Part of a team for implementing national Software for M&V of EE measures (SMIV).
2013	Pre-feasibility and feasibility studies for renewable energy systems	Private investors	Developing feasibility studies for 10 rooftop solar PV plants (10 x 30kW), feasibility study for a 0,99 MW _{el} CHP powerplant and a wood pellet factory.
2013	Creation of Slavonian Sustainable energy agency	5 counties and 4 cities in eastern Croatia	Initiated creation of Slavonian Sustainable energy agency (SEA).
2012	Preparing tenders for EE projects in local governments	Three counties and five cities in Slavonia, under UNDP SGE project task	While being a project leader in UNDP, my team educated and helped local governments in Slavonia to gain EE subsidies. Over 3 million € was received, 20 schools were refurbished and many other measures realized.
2012-2013	EU IPA CBC Croatia-Serbia; project Renewable energy in Cities (REC),	Osijek, Croatia and Novi Sad as well as 10 cities in Vojvodina County, Serbia	Project co-writer and expert promoting EE and RE in buildings, developing capacity for EE practices into public authorities of cities in Vojvodina. Conceived the programme for educating 10 Serbian Counties in Vojvodina on energy management in public buildings.
2010-2011	EU IPA CBC Croatia – Hungary; project CHEE	Osijek-Baranja County in Croatia and Baranya County in Hungary	Project expert. Independently developed expert material for two web-pages on the topic of EE and RES, provided both technical and managerial input. Conceived and held detailed workshops for experts, government representatives and students on EE savings.

2009-
2013

Sustainable energy management in cities and counties

United Nations
Development Programme

Developed and educated energy efficiency teams in 27 cities and counties in eastern Croatia. Implemented energy audits and energy management through a national energy management software into over 1200 public buildings.