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## ***Natasa Markovska***

1. **Family name:** Markovska
2. **First names:** Natasa
3. **Date of birth:** 19.09.1970
4. **Nationality:** Macedonian
5. **Civil status:** single
6. **Education:**

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| <b>Institution</b>                       | Faculty of Electrical Engineering, University "Kiril i Metodij" (UKIM), Skopje |
| <b>Date: from (mm/yy) to (mm/yy):</b>    | October 1997 - July 2001   |
| <b>Degree(s) or Diploma(s) obtained:</b> | Doctor of Technical Sciences   |
| <b>Institution</b>                       | Faculty of Electrical Engineering, University "Kiril i Metodij" (UKIM), Skopje |
| <b>Date: from (mm/yy) to (mm/yy):</b>    | October 1993 - March 1997  |
| <b>Degree(s) or Diploma(s) obtained:</b> | Master of Science in Electrical Engineering                                    |
| <b>Institution</b>                       | Faculty of Electrical Engineering, University "Kiril i Metodij" (UKIM), Skopje |
| <b>Date: from (mm/yy) to (mm/yy):</b>    | October 1988 - June 1993   |
| <b>Degree(s) or Diploma(s) obtained:</b> | BSc. in Electrical Engineering   |

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

| <b>Language</b>      | <b>Reading</b> | <b>Speaking</b> | <b>Writing</b> |
|----------------------|----------------|-----------------|----------------|
| English*             | 5              | 5               | 5              |
| Serbian, Croatian    | 5              | 4               | 4              |
| Slovenian, Bulgarian | 4              | 3               | 3              |

\* Certificate in Advanced English, University of Cambridge

8. **Membership of professional bodies:**

- Chair of the National Committee on Climate Change, 2004-

- National Focal Point of the Intergovernmental Panel on Climate Change (IPCC), 2003-
- National representative in EC Steering Group of Human Resources and Mobility, 2010 - 2017
- EU FP7 and Horizon 2020 Energy Programme Committee, 2007 – 2013, 2014.
- EU FP7 and Horizon 2020 National Contact Point for Energy, 2007 – 2014
- Member of the awarding committee, State Award “Goce Delcev”, May 2011

#### 9. **Other skills (e.g. computer literacy, etc.):**

- Communication skills: good communication skills gained through participation in international projects
- Organisational / managerial skills: leadership (a number of assignments as chief technical advisor, team leader, key expert)
- Computer skills: good command of Microsoft Office™ tools

#### 10. **Present position:**

Scientific Advisor and Professor at the Research Center for Energy and Sustainable Development of the Macedonian Academy of Sciences and Arts (RCESD-MASA). Since 2006 she has been lecturing the postgraduate course “Energy and the Environment” at South-eastern European University, Tetovo and Integrated Business Faculty, Skopje, and from 2013 the postgraduate course “Energy and Climate Change” at Faculty of Electrical Engineering and Information Technologies, UKIM, Skopje. Since 2017, she is accredited mentor of PhD studies Faculty of Electrical Engineering and Information Technologies, UKIM, Skopje.

#### 11. **Years within the firm:** 23

#### 12. **Key qualifications (relevant to the programme):**

Participation in 81 international and national projects related to climate change mitigation, renewable energy sources and energy efficiency, and energy strategic planning,

##### ***a) Assignments related to strategic and planning documents at local level***

- (1) Key expert for the Mitigation thematic area of the Resilient Skopje – Climate Change Strategy
- (2) Compiler/Editor of the Resilient Skopje – Climate Change Strategy
- (3) Evaluator of the implementation progress of the Resilient Skopje – Climate Change Strategy

##### ***b) Assignments related to strategic and planning documents in Energy sector at national level***

- (1) Renewable Energy Strategy (financed by: USAID, period: 1999-2000 )
- (2) Energy Efficiency Strategy (USAID, 2002-2004)
- (3) National Energy Strategy (Macedonian Government, November 2008 – April 2010)
- (4) National Strategy for Renewable Energy Sources (Macedonian Government, January 2009 - September 2010)
- (5) Development of the 2013-2017 Implementation Program for the Energy Strategy in the Republic of Macedonia (World Bank, Ministry of Economy, 2011 - 2013)
- (6) Development of Macedonia’s National Energy Strategy (USAID, 2014)

##### ***c) Assignments as Team Leader, Chief Technical Adviser or Key Expert in Climate Change related projects***

- (1) Low Emissions Development Strategy (LEDS) for the Government of Georgia (USAID, International Low Emissions Adviser – Team Leader, 2016-17)

- (2) Macedonia's Second Biennial Update Report, GHG inventory, Climate Change Mitigation and Monitoring, Reporting and Verification (MRV), (UNDP, Chief Technical Advisor, 2016-17)
- (3) SDG Mainstreaming into the National Sustainable Development planning for the period 2016-2030 (UNDP, Key Expert on Climate Change, 2016)
- (4) Development of Macedonian INDC (GIZ, Key Expert, 2015)
- (5) Macedonia's First Biennial Update Report, GHG inventory, Climate Change Mitigation and MRV, (UNDP, Chief Technical Advisor, 2013-14)
- (6) Climate Change Mitigation Analyses, Macedonian Third National Communication to UNFCCC (UNDP, Chief Technical Advisor, 2013)
- (7) GHG Inventory Preparation, Macedonian Third National Communication (UNDP, Chief Technical Advisor, 2012-13)
- (8) Support of the Macedonian Rio+20 preparatory processes - National vision for Sustainable Development in the context of Rio+20 and EU accession (UNDP, Key Expert, 2012)

### 13. Professional Experience Record:

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| <i>Country</i><br>Macedonia, Ministry of Economy   | <i>Date from – Date to</i> |
| <i>Title:</i> Renewable Energy Strategy<br><i>Role:</i> Member of the RCESD-MASA team<br><i>Description:</i> Local support to Electrotec Concepts (USA)<br><i>Funding:</i> USAID | April 1999 – March 2000    |

2.

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| <i>Country</i><br>Macedonia, Ministry of Environment and Physical Planning   | <i>Date from – Date to</i>    |
| <i>Title:</i> Inventory of Greenhouse Gases Emissions<br><i>Role:</i> Energy expert, member of the RCESD-MASA team<br><i>Description:</i> Preparation of the national GHG inventory within the Macedonia's First National Communication under the UNFCCC<br><i>Funding:</i> UNDP/GEF | November 2001 – December 2002 |

3.

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| <i>Country</i><br>Macedonia, Ministry of Environment and Physical Planning  | <i>Date from – Date to</i>    |
| <i>Title:</i> GHG Abatement Analysis and Projections of Emissions<br><i>Role:</i> Energy expert, member of the RCESD-MASA team<br><i>Description:</i> GHG abatement analyses within the Macedonia's First National Communication under the UNFCCC; development of baseline and abatement scenarios and projections of the corresponding GHG emissions<br><i>Funding:</i> UNDP/GEF | October 2002 – September 2003 |

4.

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| <i>Country</i><br>Macedonia, Ministry of Economy   | <i>Date from – Date to</i>    |
| <i>Title:</i> Use of Renewable Energies and Energy Conservation, in Investment Options in the Energy Sector<br><i>Role:</i> National expert on solar energy contracted by EXERGIA S.A. (Greece)<br><i>Description:</i> Estimation of solar energy potential; analyzes of the performances of solar energy technologies in Macedonian conditions; recommendations about the most promising solutions<br><i>Funding:</i> PHARE Programme | November 2002 – February 2003 |

5.

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| <i>Country</i><br>Macedonia, Ministry of Economy                                       | <i>Date from – Date to</i>   |
| <i>Title:</i> Energy Efficiency Strategy<br><i>Role:</i> Member of the RCESD-MASA team | November 2002 – October 2004 |

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| <i>Description:</i> Local support to Nexant (USA)<br><i>Funding:</i> USAID |  |
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| <i>Country</i><br>Macedonia, Ministry of Environment and Physical Planning   | <i>Date from – Date to</i>   |
| <i>Title:</i> National Concept for Sustainable Development<br><i>Role:</i> Energy expert contracted by the Institute for Sociological Political and Juridical Research<br><i>Description:</i> Concept for sustainable energy development<br><i>Funding:</i> UNDP | January 2003 – December 2003 |

**7.**

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| <i>Country</i><br>EC, Brussels  | <i>Date from – Date to</i> |
| <i>Title:</i> Evaluation of EU FP6 INCO proposals; Call dedicated to West Balkan Countries in the area of Renewables and Energy Efficiency (INCO-WBC)<br><i>Role:</i> Evaluator, <i>Funding:</i> EC | June 2003                  |

8.

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| <i>Country</i><br>Macedonia, Ministry of Environment and Physical Planning   | <i>Date from – Date to</i>    |
| <i>Title:</i> National Capacity Self – Assessment for Global Environmental Management<br><i>Role:</i> National expert in the Thematic Area of Climate Change<br><i>Funding:</i> UNDP | February 2004 – December 2004 |

9.

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| <i>Country</i><br>Macedonia, Ministry of Environment and Physical Planning  | <i>Date from – Date to</i>    |
| <i>Title:</i> Evaluation of Technology Needs for GHG Abatement in the Energy Sector<br><i>Role:</i> Energy expert, member of the RCESD-MASA team<br><i>Description:</i> Evaluation of economic and environmental effectiveness of country-specific abatement measures; application of GACMO methodology<br><i>Funding:</i> UNDP | February 2004 – November 2004 |

10.

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| <i>Country</i><br>Macedonia, Ministry of Environment and Physical Planning   | <i>Date from – Date to</i>     |
| <i>Title:</i> National Environmental Action Plan (NEAP II)<br><i>Role:</i> National expert, leading the Energy sector<br><i>Description:</i><br><i>Funding:</i> CARDS 2001 | February 2004 – September 2005 |

11.

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| <i>Country</i><br>Macedonia, Ministry of Economy World Bank<br>Macedonian Sustainable Energy Program (MSEP)   | <i>Date from – Date to</i>   |
| <i>Title:</i> Developing of Environmental Management Framework Document (EMFD)<br><i>Role:</i> Expert on energy and environment<br><i>Description:</i> Preparation of a Framework Document as a guidance on Environmental Assessment procedures which should be consistent with both, the Macedonian Law on Environment and World Bank safeguard policies in regard to environment and involuntary resettlement issues<br><i>Funding:</i> World Bank/GEF; | December 2005 – January 2006 |

12.

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| <i>Country</i><br>Macedonia, Ministry of Environment and Physical Planning  | <i>Date from – Date to</i>  |
| <i>Title:</i> Inventory of Greenhouse Gases Emissions<br><i>Role:</i> Energy expert, member of the RCESD-MASA team<br><i>Description:</i> Preparation of the national GHG inventory within the Macedonia's Second National Communication under the UNFCCC; application of IPCC methodology; implementation of QA/QC procedures and other best practices into the national GHG inventory process<br><i>Funding:</i> UNDP/GEF | January 2005 – January 2006 |

13.

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| <i>Country</i><br>Macedonia, Ministry of Environment and Physical Planning  | <i>Date from – Date to</i>    |
| <i>Title:</i> National Strategy for Sustainable Development<br><i>Role:</i> National expert on energy, Leader of the Energy working group<br><i>Description:</i> Assessment and analyses of the national energy sector (SWOT, problem and objective trees); Developing a sustainable development framework (Objectives-results-actions Matrices, Indicators for sustainable development, pilot and demonstration projects pipeline).<br><i>Funding:</i> Swedish International Development Cooperation Agency (SIDA) | February 2005 – December 2008 |

14.

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| <i>Country</i><br>Macedonia, Ministry of Economy/World Bank<br>Macedonian Sustainable Energy Program (MSEP)                             | <i>Date from – Date to</i>   |
| <i>Title:</i> Project Development Assistance Facility (PDAF)<br><i>Role:</i> National energy expert contracted by EXERGIA S.A. (Greece) | October 2005 – February 2006 |

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| <p><i>Description:</i> Assisting the Government in designing the Project</p> <ul style="list-style-type: none"> <li>- Development Assistance Facility (PDAF) by:</li> <li>- Identifying the most suitable legal status for the PDAF and preparation of the necessary documents necessary for its establishment</li> <li>- Designing the operational modalities of PDAF</li> <li>- Outlining the PDAF's Financial Business Plan</li> <li>- Developing a project pipeline and assessing the feasibility of an initial portfolio projects along with the estimation of their incremental costs and effects on greenhouse gas emission (GHG) reduction</li> <li>- Proposing logistical arrangements for PDAF</li> </ul> <p><i>Funding:</i> World Bank/GEF;</p> |  |
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**15.**

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| <p><i>Country</i><br/>Macedonia, Ministry of Environment and Physical Planning</p>  | <i>Date from – Date to</i> |
| <p><i>Title:</i> GHG Mitigation Analysis and Projections of Emissions<br/><i>Role:</i> Energy expert, member of the RCESD-MASA team<br/><i>Description:</i> GHG mitigation analyses within the Macedonia's Second National Communication under the UNFCCC; development of baseline and mitigation scenarios and projections of GHG emissions<br/><i>Funding:</i> UNDP/GEF</p> | November 2005 – May 2007   |

**16.**

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| <p><i>Country</i><br/>Macedonia, National (and international) expert community;<br/>Local Government</p>  | <i>Date from – Date to</i> |
| <p><i>Title:</i> Rural Sustainable Development through Integration of Renewable Energy Technologies in Poor European Regions (RES Integration)<br/><i>Role:</i> National expert on solar energy, contracted by the Macedonian Geothermal Association (MAGA)<br/><i>Description:</i> Solar energy introduction: economic assessment of introduction of solar thermal systems in Podbelasica Region<br/><i>Funding:</i> RES Integration (EU FP6 – INCO Project)</p> | February 2006 – June 2006  |

**17.**

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| <p><i>Country</i><br/>Macedonia, National expert community, Project developers</p>   | <i>Date from – Date to</i> |
| <p><i>Title:</i> Carbon Financing for Promotion of Sustainable Development in Macedonia and Albania<br/><i>Role:</i> National energy expert contracted ECONOLER (Canada)<br/><i>Description:</i> Working with the Econoler International Team Leader to support the World Bank in its capacity building initiative as well as to support the development of the targeted Project Identification Notes (PINs). Additional support to the project developers for the development of the PINs.<br/><i>Funding:</i> World Bank</p> | January 2007 – June 2007   |

**18.**

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| <p><i>Country</i><br/>Macedonia, Ministry of Labour and Social Policy</p>  | <i>Date from – Date to</i> |
| <p><i>Title:</i> National Strategy for Regional Development<br/><i>Role:</i> National expert on Renewable Energy Sources<br/><i>Description:</i> Mapping the potential and development possibilities for renewables in the eight regions in Macedonia.<br/><i>Funding:</i> GTZ</p> | November 2007 – April 2008 |

**19.**

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| <p><i>Country</i><br/>Macedonia, Ministry of Environment and Physical Planning</p>   | <i>Date from – Date to</i>    |
| <p><i>Title:</i> National Strategy for Environmental Investments<br/><i>Role:</i> National expert on energy<br/><i>Description:</i> Leading the Energy and Climate Protection sector.<br/>Programming the environmental investments for the period 2009-2014</p> | November 2007 – December 2008 |

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| <p>taking into account country priorities and needs and the availability of the national and international funding. Investigation of the possible financing mechanisms and possibilities for national/international fund raising.<br/><i>Funding:</i> Austrian Development Agency (ADA)</p> |  |
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**20.**

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| <i>Country</i><br>Macedonia  | <i>Date from – Date to</i> |
| <i>Title:</i> Assessment of Sustainable Energy Investment Potential in the West Balkans: Market Demand Study (MDS) – Macedonia <i>Role:</i> Local Senior Market Expert in Macedonia contracted by APRI Ambiente (Italy)<br><i>Description:</i> Compilation of the Module 1 of MDS Macedonia (Energy Use and Energy Sector Background) and contribution to the identification of bankable industrial EE and/or RES projects and to the assessment of market barriers that may depress demand for the credit line in industrial and residential sectors.<br><i>Funding:</i> EBRD | December 2007 – June 2008  |

**21.**

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| <i>Country</i><br>Macedonia, Ministry of Environment and Physical Planning   | <i>Date from – Date to</i> |
| <i>Title:</i> Compilation of the Second National Communication under UNFCCC<br><i>Role:</i> National expert<br><i>Description:</i> Based on the reports of the three thematic areas in climate change (inventory, mitigation and adaptation), as well as other relevant climate change activities (technology transfer, systematic observation and monitoring, education and training, public awareness) to prepare the final document, submitted to the UNFCCC.<br><i>Funding:</i> UNDP | June 2008 – October 2008   |

**22.**

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| <i>Country</i><br>Macedonia,   | <i>Date from – Date to</i>   |
| <i>Title:</i> UN Development Assistance Framework for Macedonia – UNDAF 2010-2014<br><i>Role:</i> National expert, representative of UNIDO<br><i>Description:</i> Contributing to the country analysis and the preparation of United Nations Development Assistance Framework for Macedonia for the period 2010-2014.<br><i>Funding:</i> UNIDO | November 2008 – January 2009 |

**23.**

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| <i>Country</i><br>Macedonia, Ministry of Economy   | <i>Date from – Date to</i> |
| <i>Title:</i> National Energy Strategy<br><i>Role:</i> Member of the RCESD-MASA team<br><i>Description:</i> Responsible for the Chapter on environmental aspects of the energy sector<br><i>Funding:</i> National budget | November 2008 – April 2010 |

**24.**

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| <i>Country</i><br>Macedonia, Ministry of Economy  | <i>Date from – Date to</i>    |
| <i>Title:</i> National Strategy for Renewable Energy Sources<br><i>Role:</i> Member of the RCESD-MASA team<br><i>Description:</i> Deputy team leader<br><i>Funding:</i> National budget | January 2009 – September 2010 |

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| <i>Country</i><br>Macedonia, NGO “CEPROSARD”  | <i>Date from – Date to</i>  |
| <i>Title:</i> Promotion of sustainable farming and energy practices in the rural communities in Macedonia<br><i>Role:</i> National expert<br><i>Description:</i> Preparation of the following studies:<br>“ Introduction of solar energy in agriculture and rural communities in Macedonia”<br>“ Introduction of wind energy in agriculture and rural communities in Macedonia” | March 2009 – September 2009 |



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| <i>Funding:</i> Swedish International Development Cooperation Agency<br>(SIDA) |  |
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| <b>26.</b>   |                               |
| <i>Country</i><br>Serbia, Regional Environmental Centre (REC)  | <i>Date from – Date to</i>    |
| <i>Title:</i> Capacity Building for Preparation of a National Communication on Climate Change<br><i>Role:</i> Lecturer and Trainer<br><i>Funding:</i> REC (Country Office Serbia)  | 29 April 2009                 |
| <b>27.</b>   |                               |
| <i>Country</i><br>Macedonia, WHO   | <i>Date from – Date to</i>    |
| <i>Title:</i> Protecting health from Climate change<br><i>Role:</i> National consultant on energy efficiency and use of alternative energy sources<br><i>Funding:</i> WHO  | July 2009 – December 2009     |
| <b>28.</b>   |                               |
| <i>Country</i><br>Macedonia, UNIDO, UN Country team  | <i>Date from – Date to</i>    |
| <i>Title:</i> Enhancing the Coordination and Support of UNIDO Involvement in CCA/UNDAF Process in Macedonia<br><i>Role:</i> National consultant of UNIDO input to CCA/UNDAF in Macedonia<br><i>Funding:</i> UNIDO                      | July 2009 – December 2009     |
| <b>29.</b>   |                               |
| <i>Country</i><br>Macedonia, USAID   | <i>Date from – Date to</i>    |
| <i>Title:</i> Europe and Eurasia Energy Security and Market Development, MARKAL model – Macedonia<br><i>Role:</i> Member of the RCESD-MASA team<br><i>Funding:</i> USAID   | July 2009 – June 2012         |
| <b>30.</b>   |                               |
| <i>Country</i><br>EC, Brussels   | <i>Date from – Date to</i>    |
| <i>Title:</i> Evaluation of EU FP7 Maria Curie Proposals in the Field of Environment<br><i>Role:</i> Evaluator<br><i>Funding:</i> EC   | October 2009                  |
| <b>31.</b>   |                               |
| <i>Country</i><br>Macedonia, UNDP  | <i>Date from – Date to</i>    |
| <i>Title:</i> Mitigating climate change through improving energy efficiency in building sector<br><i>Role:</i> Technical advisor for energy efficiency in building sector<br><i>Funding:</i> UNDP                                      | December 2009 – December 2011 |
| <b>32.</b>   |                               |
| <i>Country</i><br>Macedonia, Norsk Energi, NGO "Center for Climate Change"   | <i>Date from – Date to</i>    |
| <i>Title:</i> Cleaner and More Cost Effective Industry in Macedonia<br><i>Role:</i> Facilitator of the Round Table "From Analysis to realization: How to realize energy efficiency projects?",<br><i>Funding:</i> Norwegian Government | 02 March 2010                 |
| <b>33.</b>   |                               |
| <i>Country</i><br>EC, Brussels   | <i>Date from – Date to</i>    |
| <i>Title:</i> Evaluation of EU FP7 Maria Curie Proposals in the Field of Environment<br><i>Role:</i> Evaluator<br><i>Funding:</i> EC   | October 2010                  |
| <b>34.</b>   |                               |
| <i>Country</i><br>Montenegro   | <i>Date from – Date to</i>    |

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| <i>Title:</i> National Strategy for Construction<br><i>Role:</i> Expert covering the Energy sector<br><i>Funding:</i> Montenegrin Government | December 2010 – February 2011 |
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| <i>Country</i><br>Macedonia, UNDP   | <i>Date from – Date to</i> |
| <i>Title:</i> Assessment of CC impacts on energy demand<br><i>Role:</i> Senior consultant<br><i>Funding:</i> UNDP | January 2011 – May 2011    |

**36.**

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| <i>Country</i><br>Macedonia, East region, Gold Consultants DOOEL Skopje  | <i>Date from – Date to</i> |
| <i>Title:</i> Study of the Biomass Potential in East Region<br><i>Role:</i> Renewable energy expert<br><i>Funding:</i> Budget of the East region | April 2011- November 2011  |

**37.**

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| <i>Country</i><br>Macedonia, VEVE Group DOOEL Skopje  | <i>Date from – Date to</i> |
| <i>Title:</i> Pilot project for regional development of power distribution network<br><i>Role:</i> Expert covering the environmental aspects<br><i>Funding:</i> EVN Macedonia | June 2011- December 2011   |

**38.**

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| <i>Country</i><br>Macedonia, Norsk Energi, NGO "Center for Climate Change"  | <i>Date from – Date to</i> |
| <i>Title:</i> Cleaner and More Cost Effective Industry in Macedonia<br><i>Role:</i> Facilitator of the Conference "Promoting investments in energy efficiency and renewable energy projects",<br><i>Funding:</i> Norwegian Government | 30 June 2011               |

**39.**

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| <i>Country</i><br>EC, Brussels   | <i>Date from – Date to</i> |
| <i>Title:</i> Evaluation of EU FP7 Maria Curie Proposals in the Field of Environment<br><i>Role:</i> Evaluator<br><i>Funding:</i> EC | October 2011               |

**40.**

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| <i>Country</i><br>Macedonia, Ministry of Economy, World Bank   | <i>Date from – Date to</i>   |
| <i>Title:</i> Development of the 2013-2017 Implementation Program for the Energy Strategy in the Republic of Macedonia<br><i>Role:</i> Member of the RCESD-MASA team<br><i>Funding:</i> World Bank | October 2011 – February 2013 |

**41.**

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| <i>Country</i><br>Macedonia, World Bank   | <i>Date from – Date to</i> |
| <i>Title:</i> Green Growth and Climate Change Analytic and Advisory Support Program – Energy Sector Modelling<br><i>Role:</i> Member of the RCESD-MASA team<br><i>Funding:</i> World Bank | November 2011 – March 2013 |

**42.**

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| <i>Country</i><br>Macedonia, Ministry of Environment and Physical Planning<br>EC, Directorate General Environment;   | <i>Date from – Date to</i> |
| <i>Title:</i> Regional Environmental Network for Accession (RENA)<br><i>Role:</i> National expert, contracted by Hyman Dynamics (Austria)<br><i>Description:</i> Build knowledge and capacity in the RENA countries to improve GHG emissions inventories in the framework of the Monitoring Mechanism Decision (MMD) | February 2012 – March 2013 |

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| <i>Funding:</i> EC |  |
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| <b>43.</b>   |                               |
| <i>Country</i><br>Macedonia, Ministry of Education and Science<br>WBC-INCO.NET, FP7 project: Co-ordination of Research Policies with the Western Balkan Countries  | <i>Date from – Date to</i>    |
| <i>Title:</i> Research priorities in the Energy sector<br><i>Role:</i> Analytical expert ( preparation of the national background report which articulates national priorities in energy research)<br><i>Funding:</i> Ministry of Education and Science (as a partner in WBC-INCO.NET project).  | March 2012 – April 2012       |
| <b>44.</b>   |                               |
| <i>Country</i><br>Macedonia, UNDP  | <i>Date from – Date to</i>    |
| <i>Title:</i> Third National Report to UNFCCC<br><i>Role:</i> Chief technical advisor for preparation of national GHG Inventories<br><i>Funding:</i> UNDP  | May 2012 – February 2013      |
| <b>45.</b>   |                               |
| <i>Country</i><br>Macedonia, UNDP  | <i>Date from – Date to</i>    |
| <i>Title:</i> Support of the country's Rio+20 preparatory processes - National vision for Sustainable Development in the context of Rio+20 and EU accession<br><i>Role:</i> National consultant (preparation of the policy paper: National vision for Sustainable Development in the context of Rio+20 and EU accession)<br><i>Funding:</i> UNDP | May 2012 – August 2012        |
| <b>46.</b>   |                               |
| <i>Country</i><br>EC, Brussels   | <i>Date from – Date to</i>    |
| <i>Title:</i> Evaluation of EU FP7 Maria Curie Proposals in the Field of Environment<br><i>Role:</i> Evaluator<br><i>Funding:</i> EC   | October 2012                  |
| <b>47.</b>   |                               |
| <i>Country</i><br>Macedonia, UNDP  | <i>Date from – Date to</i>    |
| <i>Title:</i> Third National Report to UNFCCC:<br>Development of a case study of climate change mitigation potential of the transport sector.<br><i>Role:</i> RCESD-MASA team member<br><i>Description:</i> Analytical work and participatory prioritization of the mitigation actions<br><i>Funding:</i> UNDP                                   | November 2012 – December 2012 |
| <b>48.</b>   |                               |
| <i>Country</i><br>Macedonia, World Bank  | <i>Date from – Date to</i>    |
| <i>Title:</i> Energy infrastructure review study<br><i>Role:</i> Member of the RCESD-MASA team<br><i>Funding:</i> World Bank   | April 2013 –May 2013          |
| <b>49.</b>   |                               |
| <i>Country</i><br>Macedonia, UNDP  | <i>Date from – Date to</i>    |
| <i>Title:</i> Third National Report to UNFCCC<br><i>Role:</i> Chief technical advisor climate change mitigation<br><i>Funding:</i> UNDP  | April 2013 –August 2013       |
| <b>50.</b>   |                               |
| <i>Country</i><br>Macedonia, UNDP  | <i>Date from – Date to</i>    |
| <i>Title:</i> Third National Report to UNFCCC:   | April 2013 –August 2013       |

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| Development of climate change mitigation scenarios for the key GHG emitting sectors<br><i>Role:</i> RCESD-MASA team member<br><i>Funding:</i> UNDP |  |
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| <b>51.</b>   |                                |
| <i>Country</i><br>Macedonia, The Regional Environmental Center for Central and Eastern Europe (REC)  | <i>Date from – Date to</i>     |
| <i>Title:</i> Technical support for organization of the Second stakeholders workshop in process of revision of National Biodiversity Strategy and Action Plan (NBSAP)<br><i>Role:</i> National expert for energy and energy use<br><i>Description:</i> Preparation of analysis of the condition of the energy sector in the Republic of Macedonia<br><i>Funding:</i> REC | August 2013 –October 2013      |
| <b>52.</b>   |                                |
| <i>Country</i><br>Macedonia, USAID   | <i>Date from – Date to</i>     |
| <i>Title:</i> Low Emissions Development and Clean Energy Investment (LED-CEI) project<br><i>Role:</i> LEDS and GHG Inventory Expert contracted by Winrock International<br><i>Description:</i> Mapping the LED elements in the national strategic planning<br><i>Funding:</i> USAID  | August 2013 –October 2013      |
| <b>53.</b>   |                                |
| <i>Country</i><br>Macedonia, Center for Research and Policy Making (CRPM), GTZ   | <i>Date from – Date to</i>     |
| <i>Title:</i> Energy Efficiency at Local Level<br><i>Role:</i> Energy Efficiency Expert<br><i>Description:</i> Analyses and contribution to policy paper<br><i>Funding:</i> CRPM, GTZ  | September 2013 – December 2013 |
| <b>54.</b>   |                                |
| <i>Country</i><br>EC, Brussels   | <i>Date from – Date to</i>     |
| <i>Title:</i> Evaluation of EU FP7 Maria Curie Proposals in the Field of Environment<br><i>Role:</i> Evaluator<br><i>Funding:</i> EC   | October 2013                   |
| <b>55.</b>   |                                |
| Energy Community Contracting Parties   | <i>Date from – Date to</i>     |
| <i>Title:</i> Assessment of the impact of the Energy Efficiently Directive, 2012/27/EU, if this is adopted by the Contracting Parties of the Energy Community<br><i>Role:</i> RCESD-MASA team member (consortium composed of DecisionWare Group, SEVEN Energy, RCESD-MASA and UNAS-IEF<br><i>Funding:</i> Energy Community   | November 2013 – July 2014      |
| <b>56.</b>   |                                |
| <i>Country</i><br>Macedonia, UNDP  | <i>Date from – Date to</i>     |
| <i>Title:</i> Macedonia's First Biennial Update Report<br><i>Role:</i> Chief Technical Advisor for GHG inventory and Climate Change Mitigation and Monitoring, Reporting and Verification (MRV) setting<br><i>Funding:</i> UNDP  | December 2013 –October 2014    |
| <b>57.</b>   |                                |
| <i>Country</i><br>Macedonia, UNDP  | <i>Date from – Date to</i>     |
| <i>Title:</i> Mitigation analyses and strengthening the QA/QC system related to the GHG Inventory, Macedonia's First Biennial Update Report<br><i>Role:</i> RCESD-MASA team member<br><i>Description:</i><br>• Strengthening the QA/QC system related to the GHG Inventory   | December 2013 –September 2014  |

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| <ul style="list-style-type: none"> <li>Analytical work: Improvement of the mitigation scenarios developed under TNC</li> <li>Analytical and technical support of the participatory activities</li> <li>Technical and institutional capacity building</li> </ul> <p><i>Funding:</i> UNDP</p>   |                                |
| <b>58.</b>  |                                |
| <p><i>Country</i><br/>Macedonia, also EC and national and international research community and policy-makers</p>  | <i>Date from – Date to</i>     |
| <p><i>Title:</i> S2Biom - Delivery of sustainable supply of non-food biomass to support a “resource-efficient” Bioeconomy in Europe<br/><i>Role:</i> National expert contracted by SDEWES (member of the project consortium)<br/><i>Funding:</i> EU-FP7</p>   | February 2014 – September 2016 |
| <b>59.</b>  |                                |
| <p><i>Country</i><br/>Macedonia (beneficiary Ministry of Economy), USAID</p>  | <i>Date from – Date to</i>     |
| <p><i>Title:</i> Development of Macedonia’s National Energy Strategy<br/><i>Role:</i> RCESD-MASA team member (expertise in environment, renewables and energy planning)<br/><i>Funding:</i> USAID through Tetra Tech</p>  | March 2014 – December 2014     |
| <b>60.</b>  |                                |
| <p><i>Country</i><br/>Macedonia (beneficiary Ministry of Environment and Physical Planning), Regional Environment Center (REC)</p>  | <i>Date from – Date to</i>     |
| <p><i>Title:</i> LocSEE – Low Carbon South East Europe, SEE/D/0166/2.4/X<br/><i>Role:</i> National climate change expert contracted by REC<br/><i>Description:</i></p> <ul style="list-style-type: none"> <li>Good practice examples on low carbon policies</li> <li>Process plan for development and/or improvement of low carbon policy papers</li> <li>Low carbon policy paper</li> <li>Active participation at the Macedonian National Working Group sessions and Regional Policy Network meetings</li> </ul> <p><i>Funding:</i> South East Europe (SEE) Programme of the European Commission</p> | June 2014 – December 2014      |
| <b>61.</b>  |                                |
| <p><i>Country</i><br/>Macedonia, Regional Environment Center (REC)</p>  | <i>Date from – Date to</i>     |
| <p><i>Title:</i> Support for Low-Emission Development in South Eastern Europe (SLED)<br/><i>Role:</i> National climate change expert<br/><i>Description:</i> Identification and assessment of options for low-emission development in the electricity sector<br/><i>Funding:</i> Austrian Development Agency (ADA)</p>  | December 2014 – March 2015     |
| <b>62.</b>  |                                |
| <p><i>Country</i><br/>Macedonia, Center for Research and Policy Making (CRPM), GTZ</p>  | <i>Date from – Date to</i>     |
| <p><i>Title:</i> Strengthening the Role of NGO Sector in the Public Dialog on Climate Change<br/><i>Role:</i> Climate Change Expert<br/><i>Description:</i> Lecturer<br/><i>Funding:</i> CRPM, GTZ</p>  | March 2015                     |
| <b>63.</b>  |                                |
| <i>Country</i>  | <i>Date from – Date to</i>     |



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| Macedonia (beneficiary Ministry of Environment and Physical Planning), German Development Cooperation (GIZ)  |                        |
| <p><i>Title:</i> Capacity Development and Technical Assistance Measures in the context of Macedonia's GHG mitigation contributions</p> <p><i>Role:</i> Senior national expert on climate change</p> <p><i>Description:</i> Consultancy work for the process of preparation of the Macedonian Intended Nationally Determined Contributions (INDC)</p> <p><i>Funding:</i> German Development Cooperation (GIZ)</p> | March 2015 – June 2015 |

**64.**

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| <p><i>Country</i><br/>Macedonia, The City of Skopje</p>   | <i>Date from – Date to</i> |
| <p><i>Title:</i> Climate Change Strategy of the City of Skopje</p> <p><i>Role:</i> National expert on climate change mitigation</p> <p><i>Description:</i> Preparation of the climate change mitigation chapter of the Strategy, technical and strategic guidance and consistency and quality control of the products</p> <p><i>Funding:</i> UNDP</p> | June 2015 – October 2015   |

**65.**

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| <p><i>Country</i><br/>Macedonia (beneficiary Ministry of Economy)</p>  | <i>Date from – Date to</i> |
| <p><i>Title:</i> Strengthening the administrative capacity of the energy department in the Ministry of Economy and the Energy Agency</p> <p><i>Role:</i> Non-key senior expert, contracted by ATC Consultants GmbH</p> <p><i>Description:</i> Development of key strategic documents important for the further improvement of the energy sector “Prioritisation of energy projects”.</p> <p><i>Funding:</i> Instrument for Pre - Accession Assistance<br/>(Project reference: EuropeAid/129822/D/SER/MK)</p> | July 2015 – August 2015    |

**66.**

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| <p><i>Country</i><br/>EC, Brussels</p>  | <i>Date from – Date to</i> |
| <p><i>Title:</i> Evaluation of H2020 MSC Proposals in the Field of Environment</p> <p><i>Role:</i> Evaluator <i>Funding:</i> EC</p> | November 2015              |

**67.**

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| <p><i>Country</i><br/>Serbia (beneficiary Ministry of Agriculture and Environmental Protection)</p>  | <i>Date from – Date to</i>    |
| <p><i>Title:</i> Evaluation of the Second National Communication to the UNFCCC for Serbia and the Serbia's First Biennial Update Report</p> <p><i>Role:</i> Evaluation consultant</p> <p><i>Funding:</i> UNDP - Serbia</p> | November 2015 – December 2015 |

**68.**

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| <p><i>Country</i><br/>Macedonia, also EC and national and international research community and policy-makers</p>  | <i>Date from – Date to</i>   |
| <p><i>Title:</i> CoolHeating - Market Uptake of Small Modular Renewable District Heating and Cooling Ggrids for Communities</p> <p><i>Role:</i> Key national expert contracted by SDEWES-Skopje (member of the project consortium)</p> <p><i>Funding:</i> Horizon2020</p> | January 2016 – December 2018 |

**69.**

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| <p><i>Country</i><br/>Macedonia, also EC and national and international research community and policy-makers</p> | <i>Date from – Date to</i> |
| <p><i>Title:</i> Bioenergy Villages (BioVill) - Increasing the Market Uptake of Sustainable Bioenergy</p>        | March 2016 – February 2019 |

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| <p><i>Role:</i> Key national expert contracted by SDEWES-Skopje (member of the project consortium)<br/> <i>Funding:</i> Horizon2020</p>   |                               |
| <b>70.</b>  |                               |
| <p><i>Country</i><br/> Macedonia, Ministry of Environment and Physical Planning<br/> EC, Directorate General Environment;</p>   | <i>Date from – Date to</i>    |
| <p><i>Title:</i> Environment and Climate Regional Accession Network (ECRAN)<br/> <i>Role:</i> National expert, contracted by Hyman Dynamics (Austria)<br/> <i>Description:</i> Build knowledge and capacity in the ECRAN countries regarding inventory systems and the EU Monitoring Mechanism Regulation<br/> <i>Funding:</i> EC</p>   | March 2016 – September 2016   |
| <b>71.</b>  |                               |
| <p><i>Country</i><br/> Macedonia, UNDP</p>  | <i>Date from – Date to</i>    |
| <p><i>Title:</i> SDG Mainstreaming into the National Sustainable Development planning for the period 2016-2030<br/> <i>Role:</i> National expert on Climate Change (for development of National SDG implementation plan 2016-2030 and SDGs Action Plan 2016-2020)<br/> <i>Funding:</i> UNDP</p>   | April 2016 – July 2016        |
| <b>72.</b>  |                               |
| <p><i>Country</i><br/> Macedonia, The City of Skopje</p>  | <i>Date from – Date to</i>    |
| <p><i>Title:</i> Climate Change Strategy of the City of Skopje<br/> <i>Role:</i> National Consultant<br/> <i>Description:</i> Compiling and Editing of the Climate Change Strategy of the City of Skopje<br/> <i>Funding:</i> UNDP</p>  | September 2016 – October 2016 |
| <b>73.</b>  |                               |
| <p><i>Country</i><br/> Macedonia, UNDP</p>  | <i>Date from – Date to</i>    |
| <p><i>Title:</i> Macedonia's Second Biennial Update Report<br/> <i>Role:</i> Chief Technical Advisor<br/> <i>Funding:</i> UNDP</p>  | September 2016 – May 2017     |
| <b>74.</b>  |                               |
| <p><i>Country</i><br/> Georgia, USAID</p>   | <i>Date from – Date to</i>    |
| <p><i>Title:</i> Enhancing Capacity for Low Emissions Development Strategies (EC-LEDS) Clean Energy Program (USAID/Caucasus Cooperative Agreement)<br/> <i>Role:</i> International Low Emissions Advisor contracted by Winrock International<br/> <i>Description:</i> Leading the development of the full Low Emissions Development Strategy (LEDS) document for the Government of Georgia<br/> <i>Funding:</i> USAID</p> | October 2016 – July 2017      |
| <b>75.</b>  |                               |
| <p><i>Country</i><br/> EC, Brussels</p>   | <i>Date from – Date to</i>    |
| <p><i>Title:</i> Horizon2020 Maria Sklodowska Curie Proposals for International Training Networks (ITN)<br/> <i>Role:</i> Evaluator<br/> <i>Funding:</i> EC</p>   | February 2017                 |
| <b>76.</b>  |                               |
| <p><i>Country</i><br/> Macedonia (beneficiary State Statistical Office)</p>   | <i>Date from – Date to</i>    |
| <p><i>Title:</i> Technical Assistance to Modelling Energy Consumption in Households</p>   | May 2017 – August 2017        |

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| <i>Role:</i> National expert<br><i>Funding:</i> Energy Community  |                               |
| <b>77.</b>  |                               |
| <i>Country</i><br>Macedonia, UNDP   | <i>Date from – Date to</i>    |
| <i>Title:</i> Macedonia's Second Biennial Update Report<br><i>Role:</i> Expert on Climate Change and Gender<br><i>Funding:</i> UNDP | November 2017 – December 2017 |
| <b>78.</b>  |                               |
| <i>Country</i><br>EC, Brussels  | <i>Date from – Date to</i>    |
| <i>Title:</i> Horizon2020-WIDESPREAD-Twinning Proposals<br><i>Role:</i> Evaluator<br><i>Funding:</i> EC                             | February 2018                 |

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| <i>Country</i><br>Macedonia, Center for Research and Policy Making (CRPM), GIZ   | <i>Date from – Date to</i> |
| <i>Title:</i> Preparation of White Paper under the project “Regional cooperation and capacity building of SEE parliamentarians in the areas of energy efficiency and climate change”<br><i>Role:</i> Climate Change Expert<br><i>Description:</i> Analyses and contribution to policy paper<br><i>Funding:</i> CRPM, GIZ | April 2018 – June 2018     |

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| <i>Country</i><br>Macedonia, UNDP  | <i>Date from – Date to</i>   |
| <i>Title:</i> Assessment of the implementation progress of the Resilient Skopje - Climate Change Strategy of the City of Skopje<br><i>Role:</i> Expert on Climate Change<br><i>Funding:</i> UNDP, <i>Project:</i> ICT for Urban Resilience | August 2018 – September 2018 |

81.

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| <i>Country</i><br>Macedonia  | <i>Date from – Date to</i> |
| <i>Title:</i> National Energy Development Strategy for the Republic of Macedonia until 2040<br><i>Description:</i> Environment and Climate Change stream leader<br><i>Funding:</i> UK Department for International Development (DFID) The Good Governance Fund | August 2018 – March 2019   |

#### 14. Highlighted projects

Please see 12. Key qualifications (relevant to the programme)

| Project name  | Contracting entity /client | Project location /country | Date from - to (mm/yy) | Role/ Company | Main activities/objectives |
|---------------|----------------------------|---------------------------|------------------------|---------------|----------------------------|
| Assignment 80 |                            |                           |                        |               |                            |
| Assignment 72 |                            |                           |                        |               |                            |
| Assignment 64 |                            |                           |                        |               |                            |
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#### 15. Others (International activities):

- Evaluator, EU FP6 INCO Project Proposals related to Renewables and Energy Efficiency, June 2003
- Member of the study group, Energy End-Use Technology for the 21st Century , World Energy Council (WEC), July 2004
- Invited expert, IPCC Expert Meeting on Industrial Technology Development, Transfer and Diffusion, Tokyo, Japan, 2004
- Member of the study group, Energy&Climate Change, World Energy Council (WEC), May 2007
- Member of the Scientific Committee of the 9th International Conference “Electric Power Quality and Utilization” EPQU’07
- Invited expert, IPCC Scoping Meeting on Renewable Energy Sources, Lubeck, Germany, 2008

- Chairperson, Panel “Energy and Climate Change Mitigation: Development Opportunities in Western Balkans” Balkan Power Conference 2008, Šibenik, Croatia, 2008
- Organizer and Chairperson, Special Session on National Strategies for Sustainable Development, 5th Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems 2009, Dubrovnik, Croatia, 2009
- Member of the International Scientific Committee of the Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES)
- Evaluator, EU FP7 Maria Curie Proposals in Environment, October 2009
- Expert – Member of the Macedonian delegation at COP in Copenhagen, December 2009 (by invitation of the Minister of environment and physical planning)
- Member of the International Scientific Committee of ECOS 2011 (24th Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems)
- Participant at the World Economic Forum, Annual Meeting of the New Champions 2010, Tianjin (Summer Davos), IAP (Inter Academy Panel) Young Scientists Conference, September 2010
- Evaluator, EU FP7 Maria Curie Proposals in Environment, October 2010
- Chair of the Local Organizing Committee, SDEWES 2012–Ohrid
- Evaluator, EU FP7 Maria Curie Proposals in Environment, October 2011
- Evaluator, EU FP7 Maria Curie Proposals in Environment, October 2012
- Evaluator, EU FP7 Maria Curie Proposals in Environment, October 2013
- Chair of the Local Organizing Committee, First SEE SDEWES 2014–Ohrid
- Member of the International Editorial Board of Energy, The International Journal (Elsevier), 2014
- Keynote speaker, Climate Change Mitigation – Will we make it?, 10th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES), Dubrovnik, 25 September – 02 October 2015
- Evaluator, Horizon2020 Maria Sklodowska Curie Proposals, Environment and Geosciences Panel, November 2015
- Evaluator, Horizon2020 Maria Sklodowska Curie Proposals for International Training Networks (ITN), February 2017
- Keynote speaker, Green Energy in the Light of Sustainable Development Goals and Global Climate Deal, XII International Green Energy Conference (XII IGEC), Xi’an, China, 31 July – 3 August 2017
- Evaluator, Horizon2020-WIDESPREAD-Twinning Proposals, February 2018

## 16. Publications:

Dr. Markovska authored/co-authored over 146 published contributions (33 SCI/CC publications). Since 2015 she is a member of the Editorial Board of the international journal Energy (Elsevier). She served as an editor of the Second National Communication under UNFCCC and as a guest editor of 12 special issues of international peer-reviewed journals (6 of Energy and 3 of Renewable and Sustainable Energy Reviews) dedicated to SDEWES Conferences.