

Cosmin Briciu

CURRICULUM VITAE

- | | |
|--|---|
| 1. Family Name: BRICIU
2. First Names: Cosmin Nicolae
3. Date of Birth: October 20 th 1984 | 4. Nationality: Romanian
5. Education: |
|--|---|

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained
Babeş-Bolyai University, Cluj-Napoca, Romania September 2008 – July 2010	MSc on Climate Change and Environmental Risk Management
Babeş-Bolyai University, Cluj-Napoca, Romania September 2004 – July 2008	Bachelor in Environmental Science

6. Language Skills: Indicate competence (Mark 1=excellent to 5=basic)

Language	Reading	Spoken	Writing
Romanian	<i>Native</i>	<i>Native</i>	<i>Native</i>
English	5	5	5
French	3	2	2

7. Membership of professional bodies:

- Certified Environmental Management System (EMS) expert;
- Member of the Collaborative Working Group on Solid Waste Management in Small and Medium-income countries (CWG) - <http://www.cwgn.net/>
- Sustainable development project evaluator within the European Commission Regional Operational Programme (ROP) for Romania
- LIFE programme project evaluator - <http://ec.europa.eu/environment/life/>

8. Present Position: Resources & Waste Advisory (RWA) Group Ltd core member

9. Years of Professional Experience: 10

10. Key Qualifications:

- 10 years of experience environmental consultancy, including;
- Expertise in project evaluation and proposal writing
- Experience regarding Environmental, Social & HS requirements of EBRD and other international financial institutions;
- Significant experience in in strategy development and planning;
- Experience related to technical and institutional aspects of solid waste management systems, especially in developing countries;
- Extensive experience in operator models for solid waste management.

11. Selected professional experience:

Date	March - June 2017 (45 days)
Location	Romania
Client	S.C. Corporate Consulting SRL / North-West regional Development Agency
Position	Project evaluator
Description	Evaluating various projects from the sustainable development and gender equality point of view; submitted under the EU Regional Operational Programme operations

	priorities 3.1A, 5.1, 5.2, 6.1 and 7.1. and formulating opinions / views in the process of solving potential complaints.
--	--

Date	June 2015 – ongoing (6 months input)
Location	Egypt
Client	GIZ & KfW
Position	Waste management expert
Description	Supporting the development and writing of a National Solid Waste Management Strategic Plan for 2017-2022 and establish the planning framework for improving SWM practices across all waste streams in Egypt, in an integrated and sustainable way leading to the development of Master plans in each Governorate.

Date	March 2016 – ongoing (3 months input)
Location	Egypt
Client	GIZ & SECO
Position	Waste management expert
Description	Developing and writing the sector action plan and regulatory framework for hazardous waste; integrating the hazardous waste stream into the strategic framework; strengthening the legal framework and specific regulations for hazardous waste and implementing a pilot project for the collection and treatment of hazardous waste stream – fluorescent tubes containing mercury.

Date	November 2015 – March 2016 (10 days)
Location	International (desk based)
Client	Skat/GIZ
Position	Waste management expert
Description	Preparing a Rapid Assessment Tool as an easy to read, informative, honest and impartial information on ‘waste to energy’ offers that could better inform decision makers.

Date	September 2015 – March 2016 (20 days)
Location	Kosovo
Client	GIZ/KfW
Position	Waste Management Expert
Description	Sustainable Municipal Services (Waste Management): providing consultancy services to facilitate the set-up and draft the technical content of the Solid Waste Management - Performance Based Grant Scheme. The purpose was to develop the scheme starting with several requirements as access criteria for eligibility and developing several performance indicators that can be easily monitored.

Date	January – June 2015 (2 months input)
Location	Romania
Client	Tractebel Engineering/EBRD
Position	Environmental and Social Due Diligence expert
Description	CET Govora biomass Public Private partnership (PPP) project – This assignment was to perform an environmental and social due diligence (ESDD) for CET Govora with the support of EBRD for the development of a biomass combined heat and power (CHP) plant including analysing the compliance with EBRD performance requirements, environmental and social audit including a GHG assessment and Energy saving

	Analysis; action plan (ESAP), non-technical summary and stakeholder engagement plan (SEP).
--	--

Date	September 2014 – August 2015 (15 days)
Location	South Africa (desk based)
Company	KfW/DEA
Position	SWM expert
Description	Alternative Integrated Solid Waste Management (AISWM) Programme for the Republic of South Africa: developing PPPs for implementation of advanced waste treatment systems across South Africa. Within the project my task was to assist and co-authoring Knowledge Product 3 - Considerations for Including the Informal Waste Sector in Advanced Waste Treatment.

Date	December 2014 – March 2015 (1 month input)
Location	Ethiopia
Client	GIZ Ethiopia
Position	Waste management expert
Description	Assessment and project proposal for the implementation of solid waste management standards in Ethiopia: The assignment was to: develop rapid assessment guidelines for the improvement of the SWM system at city level; develop and conduct training for a local core team of data collectors.

Date	October – December 2014 (1 month input)
Location	Kosovo and Albania
Client	GIZ Kosovo
Position	Integrated SWM trainer
Description	Contribution to the capacity development of practitioners in Kosovo based on the Operator Model Sourcebook and Guidance Paper by providing a specialised practitioner training workshop on the use of the above-mentioned documents for 6 local municipalities about selecting and adapting integrated solid waste management (ISWM) operator models.

Date	April - June 2014 (15 days)
Location	International (desk based)
Client	Czech Norwegian Funds
Position	Environmental expert - Project Evaluator
Description	Czech - Norwegian Research Program: evaluating applications in the field of environment, waste management and waste to energy for the Czech Norwegian Research Program.

Date	March 2014 – May 2015 (3 months input)
Location	Tunisia
Client	GIZ Tunisia
Position	Environmental expert
Description	Structural Integration of the Informal Sector into the municipal Solid Waste Management in Tunisia. The purpose for the required services was to contribute to the objective of the regional network for integrated SWM- to catalyse the transfer and adaptation of long-term experience with integrated solid waste management and environmental standards across its partner countries.

Date	March – June 2014 (10 days)
Location	Romania
Client	LuTz Consulting Kft./ European Commission.
Position	Environmental consultant
Description	Geo-localised inventory of water use in cooling processes, assessment of vulnerability and of water use management measures - the purpose of this project was to implement a questionnaire in order to clearly understand the availability use and sustainability of water production for nuclear and fossil fuel energy in Romania within the project.

Date	October 2013 – February 2014 (1 month input)
Location	Romania
Client	Citrus Partners
Position	Environmental and social consultant
Description	The assignment was to review and complete a ‘concise’ environmental and social regulatory analysis to cover the Romanian Institutional Framework, International Environmental and Social Conventions Signed by/Applicable to Romania and the Romanian Environmental and Social Regulatory Framework – including environmental permission processes and requirements. The materials were used for performing an EBRD Environmental and Social Risk Management Training for Financial Intermediaries - UniCredit Tirioc Bank

Date	July 2013 – August 2014 (1 month input)
Location	Romania and Belarus
Client	EURONET/ AGE Consulting
Position	Environmental impact assessment and SWM expert
Description	Providing support to the ESIA international expert for the second feasibility study on construction of municipal solid waste landfill in order to increase the effectiveness of waste management in Puhovichy district, Minsk oblast. The objective is to prepare the ESIA assessment according to national and IFI requirements.

Date	January – March 2014 (10 days)
Location	Australia (desk based)
Client	Zero Waste SA
Position	Solid Waste Management expert
Description	Review Australia’s Waste Strategy for Zero Waste South Australia (ZWSA). The focus was on analysing progress towards achieving targets and actions, assessing achievements to date, economic analysis of selected programs in different sectors, and international benchmarking.

Date	2012 – 2014 (5 months input)
Location	Global Study including research in Egypt, Mozambique, Brazil, India and St Lucia.
Client	GIZ
Position	Waste management expert
Description	Operator Models in Low and Middle Income Countries: the task was to collect and analyse experiences with operator models for solid waste management in various low- and middle-income countries and different areas along the waste chain to identify success factors for future SWM activities. The study focuses on 5 primary and 127 secondary case studies. The study culminated in the preparation of a GIZ global

	publication, targeted at developing institutional capacity, supporting design and implementation of practical SWM arrangements through the SWM chain through collection, transfer, recycling, treatment and disposal, and as a basis for training on and dissemination of best global practices.
--	--

Date	June 2013 – June 2014 (3 months input)
Location	Romania
Client	Ecofys (consortium leader)/ EBRD
Position	Environmental consultant
Description	Public Sector Energy Efficiency program 2014-2020: Support and assist the Ministry of Regional Development in preparing all the relevant sections of the European Union Regional operational Programme in relation to an investment scheme for Energy Efficiency in the Public Sector in Romania (Priority Axis).

Date	April 2013 – September 2013 (1 month input)
Location	Romania
Client	Royal Atkins/ EBRD
Position	Environmental and social impact assessment expert
Description	Performing an Environmental and Social Due Diligence for Oltenia Holding (the second largest single generator of power in Romania) regarding the design, procurement, installation and commissioning of equipment necessary for the rehabilitation and modernization of unit 6 of Turceni power plant under the Bank's Environmental and Social Policy.

Date	December 2012 – January 2013 (2 months input)
Location	Romania
Client	AllPlan/ EBRD
Position	Environmental expert
Description	Feasibility Study for District Heating in Brasov, Romania – The assignment included reviewing the environmental audit and ESAP in accordance to EBRD protocol and guidelines and in correlation with the Project Investment Plan (PIP) and EBRD requirements.

Date	December 2012 – September 2013 (3 months input)
Location	Romania and Republic of Moldova
Client	GIZ through GOPA
Position	Environmental consultant
Description	Modernisation of Local Public Services in the Republic of Moldova: the objective of this assignment was to prepare the planning and drafting regional solid waste plans which lead directly to the identification of possible project concepts in the North and Centre regions which together would make a very significant medium and long term impact in the sector.

Date	January 2012 - February 2013 (2 months input)
Location	Romania
Client	European Commission through ARCADIS
Position	Environmental expert
Description	Pilot project - plastic recycling cycle and marine environmental impact, Case studies on the plastic cycle and its loopholes in the four European regional seas areas. The scope of this study was to analyse marine litter in the four European regional seas and

	to retrace the litter to its sources. Our task was to conduct the case study for the Black Sea by performing several surveys and analyse existing data on marine littering.
--	---

Date	May 2012 – December 2014 (5 months input)
Location	Romania
Client	Cluj County Council – EU Funds
Position	Environmental expert
Description	Integrated Solid Waste Management System in Cluj County – awareness raising campaign: the objective of this assignment was to provide expert knowledge for advertising campaigns design and to conduct awareness raising meetings all over Cluj County including industry, public authorities and schools. 95 meetings were hold in total with over 2500 participants.

Date	2011 – 2013 (2 months input)
Location	Romania
Client	D’Appolonia/ Nabucco International Company
Position	Environmental expert
Description	Environmental and Social Impact Assessment for Nabucco Gas Pipeline Project in Romania: the objective of this assignment was to support the local Nabucco Country Company to prepare the Environmental Impact Assessment documentation for the Romanian section of the Nabucco pipeline and verification of the EIA according to national, European and lenders group requirements (EBRD, IFC).

Date	October- December 2012 (25 days)
Location	Germany
Client	GIZ Germany
Position	Project manager
Description	Global Extended Producer Responsibility-Informal Sector in Waste Management. The project supported an initial meeting between key stakeholders in solid waste, industry, the recycling industry, and informal recyclers. The goal of the meeting was to exchange ideas and to inspire increased innovation and structural co-operation.

Date	2011 – 2012 (1 month input)
Location	Romania, Ukraine, Russia
Client	European Commission through Wasteaware
Position	Environmental Consultant
Description	ENPI – Waste Governance. Working on approximation of waste data reporting and waste classification of Ukraine and Russia to the EU Waste Classification and reporting system.

Date	2011 (1 month input)
Location	Romania
Client	ERM Romania
Position	Environmental expert
Description	Environmental and Social Impact Assessment - ESIA for a windfarm project development: the objective of this assignment was to assess the environmental impacts of a windfarm project and rehabilitation of a high voltage line according to national legislation.

Date	2010 - 2011 (2 months input)
-------------	------------------------------

Location	Romania
Client	European Climate Foundation through BECO Group
Position	Environmental consultant
Description	Evaluating climate policies of Romania within the project “Climate policy tracker for Europe” from all policy areas that influence emissions from different industrial sectors. The analysis was performed for individual sectors like energy production, industry, buildings, transport, agriculture, forestry.

Date	2011 (2 months input)
Location	Romania
Client	Sonae Sierra
Position	Environmental auditor
Description	Perform consultancy services for the implementation of an Environmental Management System (EMS) for ISO 14001 certification purposes of River Plaza Mall from Ramnicu Valcea,. The main focus was put on the use of renewable energy and implementation of energy efficiency solutions. River Plaza Mall became the first mall in Romania certified under ISO 14001.

Date	2011 (1 month input)
Location	Romania
Client	ERM Romania and Hungary/ EBRD
Position	Due diligence expert
Description	Environmental and social due diligence - ESDD for Brasov and Buzau Water Company Facility for water infrastructure development on EBRD’s behalf. The purpose of this assignment was to carry out ESDD work for compliance with EBRD’s Performance Requirements for the proposed investment in rehabilitation of the water and wastewater segment.

Date	2010 – October 2013 (4 months input)
Location	Romania
Client	Ernst & Young – EU Funds
Position	Project evaluator
Description	Evaluating projects financed through the EU Regional Operational Programme for Romania in the fields of road infrastructure development, industry, urban development and tourism development in Romania.

Date	2010-2011
Location	Romania
Client	ERM Romania and Hungary/ EBRD
Position	Environmental expert
Description	Environmental and social due diligence - ESDD for Medias Municipality for road and water infrastructure development on EBRD’s behalf.

Date	2010 (1 month input)
Location	Romania
Client	Ecorys
Position	Environmental consultant
Description	Approach the stakeholders active in renewable energy and climate change and writing the study “ Non cost barriers for renewable energy sources in Romania ”, Assignment from Ecorys, report prepared for DG Energy, European Commission.

Date	2009 – 2010 (2 months input)
Location	Romania
Client	World Bank, Commission through Leader ATEC
Position	Project evaluator
Description	Monitoring the implementation of the KEP programme at regional level. Offering guidance and coaching to the beneficiary for achieving best results. Reporting to the contracting organisation.

Date	November 2008 – March 2009 (4 months input)
Location	Austria
Client	Siemens AG Vienna
Position	Junior Renewable energy expert (Erasmus student)
Description	Conducting a market research regarding the Romanian wind energy potential and finding valorising possibilities and assisting the wind turbines department in preparing plans and proposals

Date	2008 (2 months input)
Location	Romania
Client	Sonae Sierra Romania
Position	Environmental consultant
Description	Adapting Sonae Sierra's Environmental Management System (EMS) to Romanian legal requirements specifically for the shopping mall in Ramnicu Valcea.

Date	November 2007- March 2008 (2 months input)
Location	Romania
Client	Collaborative Working Group (CWG)
Position	Project assistant
Description	Organizing an international conference for "Sustainable Solid Waste Management - Planning In The Real World focusing on the role of the informal sector in modernization". After the workshop the task was to gather all outputs and write a workshop publication.

Date	October 2007 – July 2008 (4 months input)
Location	Romania
Client	Matra KAP
Position	Project assistant
Description	Romania, on its way to a sustainable society project. Collecting data and help developing the national Sustainable Society Index and the Regional Sustainable Society index.

12. Publications:

- A. Whiteman, S. K Gupta, C. Briciu and S. Bates. CWG Waste to Energy Rapid Assessment Tool, March 2016, http://wasteaware.org/wp-content/uploads/2016/03/CWG-Rapid%20Assessment%20Tool_LR.pdf
- Soós, R., Whiteman, A.D., Wilson, D.C., Briciu, C., Nürnberger, S., Oelz, B., Gunsilius, E. & Schwehn E. (2016), Operator Models for delivering municipal solid waste management services

in developing countries: Part B - Decision Support. Waste Management & Research, paper under review

- Pop I. N., Baciuc C., Briciu C., Tofana V., Bican-Brişan N., (Oct. 2015) Informal sector participation in solid waste management – study case: Cluj-Napoca, Romania. Ecoterra 12(3):36-41. Link: <http://www.ecoterra-online.ro/files/1447610764.pdf>
- Soos R., Whiteman A., Wilson D.C., Briciu C. and Schwehn E. (Dec. 2013): Operator Models. Respecting Diversity - Guidance Paper for Solid Waste Management Practitioners, for GIZ/BMZ. Link: <https://www.giz.de/fachexpertise/downloads/giz2013-en-swm-operator-models-guidance-paper.pdf>
- Soos R., Whiteman A., Wilson D.C., Briciu C. and Schwehn E. (Sept. 2013): Operator Models. Respecting Diversity - Concepts for Sustainable Waste Management, for GIZ/BMZ. Link: <https://www.giz.de/en/downloads/giz2013-swm-operator-models-sourcebook-en.pdf>
- Wilson D.C., Kangojera J.B., Soos R., Briciu C., Spies S., Whiteman A.D., Schwehn, E. and Smith S.R. (Oct. 2013). Operator Models for Delivering Municipal Solid Waste Management Services in Emerging and Developing Countries. Proceedings of International Solid Waste Association (ISWA) World Congress, Vienna, Austria.
- Briciu, C. (2009) "Producing energy from renewable sources. Wind energy in Romania", Ecoterra, Nr. 20: 6-8, year VI. Link: <http://www.ecoterra-online.ro/files/1288340197.pdf>
- Briciu, C.(2009), "Challenges of sustainable and affordable modernisation in the solid waste sector", Environment and Progress Magazine.
- Popovici C., Soos R. and Briciu C. (2008), Planning in the Real World, Challenges of Sustainable and Affordable Modernization in the Solid Waste Sector, a report from an international workshop, Cluj-Napoca, Romania, Green Partners.

Certification:

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

Cosmin Briciu



August 2nd 2017

Name of expert

Signature

Date