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WORK EXPERIENCE

National Contact Point (NCP) for Horizon Europe program

The Executive Agency for Higher Education, Research and Innovation Funding [10/2021 – Current]

City: Bucharest | **Country:** Romania

National Contact Point (NCP) for the Horizon Europe program, subprograms "Cluster 2. Culture, Creativity, and Inclusive Society" and "European Institute of Innovation and Technology (EIT)"

1. Dissemination of general and specific documentation related to Horizon Europe, subprograms "CL 2. Culture, Creativity, and Inclusive Society" and "European Institute of Innovation and Technology (EIT)", including information on participation conditions, possibilities and conditions for submitting project proposals, as well as reporting activities within the research and innovation projects funded under Horizon Europe, subprograms "CL 2. Culture, Creativity, and Inclusive Society" and "EIT – European Institute of Innovation and Technology."
2. Organization of promotional and informational activities, such as information days (infodays), seminars, conferences, newsletters, video materials, written/published materials, support materials, website updates, and brokerage events.
3. Increasing awareness within the academic and innovation community in Romania regarding funding opportunities under Horizon Europe and the subprograms CL2 and EIT.
4. Providing assistance to researchers and organizations in Romania to enhance and improve their participation in Horizon Europe, subprograms CL2 and EIT.
5. Providing advice and training for preparing research and innovation project proposals for the CL2 and EIT subprograms.
6. Organization of training courses and sessions (both physical and virtual) on Horizon Europe and the CL2 and EIT subprograms for individuals interested in applying, ensuring high-quality advisory services.
7. Explaining the objectives and application methods for different types of actions provided for in Horizon Europe.
8. Supporting partner search activities, especially using internet-based tools, cooperation networks, and partnership services.
9. Organizing activities, courses, and training seminars for specific target groups on specialized topics.
10. Representing the institution at NCP events and/or events and briefings organized by the European Commission.
11. Coordinating specific activities as the National Contact Point for the Horizon Europe Framework Program, subprograms "Cluster 2. Culture, Creativity, and Inclusive Society" and "European Institute of Innovation and Technology (EIT)."

Scientific Researcher 3rd Degree, Monitoring and Impact Evaluation Laboratory

National Institute for Research and Development in Energy - ICEMENERG [2014 – 2020]

City: Bucharest | **Country:** Romania

1. Developed environmental protection studies for objectives within the National Energy System (environmental impact assessment studies, site reports).
2. Participated in European projects aimed at disseminating best practices in sustainable development, energy efficiency, and environmental protection.

Program Director

National Institute for Research and Development in Energy - ICEMENERG [2016 – 2017]

City: Bucharest | Country: Romania

Director of "Nucleu" Program "Advanced Technologies for the Sustainable Development of Romania's Energy Sector"
- TADER, code PN 16 02, carried out between 2016-2017

Scientific Researcher 3rd degree, Renewable Energy Center

National Institute for Research and Development in Energy - ICEMENERG [2002 – 2014]

City: Bucharest | Country: Romania

Research and Development Activities in Other Natural Sciences and Engineering:

1. Development of environmental protection studies (environmental and social impact assessment studies, site reports, environmental reports, security reports).
2. Research and development activities in the field of renewable energy sources utilization (solar and wind energy impact on humans and environment).

Scientific researcher – Laboratory for Pollutant Measurements and Environmental Protection

GSCI [1998 – 2002]

City: Bucharest | Country: Romania

Research and Development in Physical and Natural Sciences

Development of Operational Procedures for RENAR Accreditation:

- Preparing documentation compliant with SR EN ISO/IEC 17025 standards.
- Standardizing sampling, preparation, measurement, and reporting procedures.
- Implementing a quality management system to ensure traceability and reproducibility.
- Conducting internal audits and continuous staff training to meet accreditation requirements

EDUCATION AND TRAINING

Researcher 3rd degree

National Institute for Research and Development in Energy - ICEMENERG [01/07/2002]

City: Bucharest | Country: Romania

Master's Degree in "Environmental Management"

"Politehnica" University of Bucharest [2001 – 2003]

City: Bucharest | Country: Romania | Website: <https://upb.ro/> | Field(s) of study: Natural sciences, mathematics and statistics: • Environmental sciences | Level in EQF: EQF level 7

Ecology; Energy and Environment; Environmental Remediation Technologies; Health and Environment; Environmental Systems Management; Quality-Safety-Environment; Environmental Policy and Management.

Master's Degree

University of Bucharest [1997 – 1998]

City: Bucharest | Country: Romania | Website: <https://unibuc.ro/> | Field(s) of study: Natural sciences, mathematics and statistics: • Chemistry | Level in EQF: EQF level 7

Quality and Reliability; Operational Parameters of Analysis and Control Methods; Optimization of Analytical Control Using Tandem Systems; Standardization in Analytical Chemistry; Chemometrics; Structure Recognition of Compounds with Analytical Importance.

Bachelor of science

University of Bucharest [1992 – 1997]

City: Bucharest | Country: Romania | Website: <https://unibuc.ro/> | Field(s) of study: Natural sciences, mathematics and statistics: • Chemistry | Level in EQF: EQF level 6

Project manager

ATHENA – Qualification and Training Center [10/2018 – 11/2018]

City: Bucharest | Country: Romania

Defining the project scope; Establishing requirements for integrated project management; Planning project activities and milestones; Managing project costs and operational resources; Developing procurement procedures for the project; Risk management; Project team management; Project communication management; Project quality management.

Certificate of Completion for the Advanced Training Program in "Environmental Management"

DOTIS Training [30/10/2008 – 02/11/2008]

City: Ploiesti | Country: Romania | Level in EQF: EQF level 7

Certificate of Participation - Policies and Action Guidelines for the Implementation of International Standards ISO/IEC 17025:1999 and ISO 9001:2000 -

Romanian Accreditation Association - RENAR [20/08/2001 – 28/08/2008]

Diplomas of completion for the TEMPUS IB JEP 14029-99 program (ECOLEX)

"Politehnica" University of Bucharest - UNESCO Chair [2000 – 2001]

City: Bucharest | Country: Romania | Level in EQF: EQF level 7

European Environmental Law and Legislation & Environmental Politics; Environmental Information Technologies & Business and Environment; Leadership and Human Behaviour Practice & Environmental Project Management; Environmental Economics & Finance and Green Accounting; Eco-marketing; Adapting National Accounts for Environmental Analysis; Using Environmental Data for the Formulation and Evaluation of Economic Policies.

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office / Teams/Zoom/Webex/... / Social Media (Twitter, LinkedIn) / Google Drive

MANAGEMENT AND LEADERSHIP SKILLS

Strategy, operational plan, monitoring

1. Design and implementation of a knowledge strategy for an evidence-based policy domain, assessing needs, clearly defining gaps, and, when necessary, identifying previously unknown scientific evidence with relevance.
2. Embracing new developments in program priorities, consistently considering the purpose of the investigation and research outcomes.

Vision, planning, communication, motivation.

Vision, planning, creativity, innovation, interpersonal communication, written communication, problem-solving, conflict resolution, valuing diversity, honesty, integrity, motivation, development.

ORGANISATIONAL SKILLS

Event organization

Operational plan – creation and implementation, performance monitoring, creation and implementation of physical, hybrid, and online events.

COMMUNICATION AND INTERPERSONAL SKILLS

Interpersonal communication, written communication

CONFERENCES AND SEMINARS

Education, communication, training, and public awareness

1. Organizing training sessions with key stakeholders in European funded projects.
2. Organizing project meetings as the National Coordinator for the Intelligent Energy Europe-funded project "Buy Smart + - Ecological Procurement in Europe."
3. Experience in liaising with public authorities (ministries, municipalities, environmental protection agencies), NGOs, and consumer associations.
4. Participation in national and international scientific events in the field of environmental protection, sustainable development, and awareness raising with over 30 presentations.

PROJECTS

[2017 – 2020]

Horizon 2020 - IRIS - Integrated and Replicable Solutions for Co-Creation in Sustainable Cities

Topic: SCC-1-2016-2017 Smart Cities and Communities lighthouse projects

The project has been developed around three lighthouse cities – Utrecht (The Netherlands, coordinator), Nice (France), and Gothenburg (Sweden) – who will work as collaborators and test-beds for follower cities Vaasa (Finland), Alexandroupolis (Greece), Santa Cruz de Tenerife (Spain) and Focsani (Romania).

Each city will draw upon a mix of universities and research organisations, local authorities, innovation agencies and private expertise to accelerate entire communities to adopt ambitious energy, mobility and ICT initiatives.

[2015 – 2018]

Horizon 2020-649647 – “Enabling consumer action towards top energy-efficient products – TOPTEN ACT”

Topic: EE-10-2014 - Consumer engagement for sustainable energy

TOPTEN ACT aims at empowering consumers to ACT: to purchase top energy-efficient products that will save energy over their lifetime.

Topten ACT identifies the top energy-efficient products in 16 European countries, and makes this information available to consumers and large buyers on tailored national websites.

[2013 – 2014]

Intelligent Energy Europe/ IEE/11/900/SI2.615938 “BUY SMART+ - Green Public Procurement in Europe”

National coordinator for Romania

The main objectives of Buy Smart+ are to consolidate and mainstream green procurement in 7 member states and to transfer the know-how to 8 member states where green procurement is still at an early stage.

- Green procurement helpdesks providing assistance, know-how and tools in national language
- Dedicated training offers in collaboration with national networks for the private and public sector
- Twinning approach for effective transfer of know-how to newer member states

- Assistance to green procurement pilot projects; addressing of innovative technologies in experienced countries

[2013 – 2015]

Intelligent Energy Europe/ IEE/11/843/SI2.615934 "Yearly appliances energy costs indication"

National coordinator for Romania

The main objective of the YAEI project is to provide customers with information at the point of sale on the yearly energy cost of products with an energy label, in order to stimulate the uptake of affordable efficient products.

[2013 – 2014]

Intelligent Energy Europe/ IEE/10/317/S12 "Maximized awareness of the role of TOPTEN in the market for innovative, energy-efficient electrical products." - EuroTopen-Max

Research, development, and innovation projects funded through national plans and programs.

1. Research on methods and tools for determining air pollutant emissions from large combustion plants in order to comply with the air quality protection action guidelines. (NUCLEU – PN 16 02 02 07) (2016-2017)
2. Development of mathematical models, software, and databases for ex-ante and ex-post determination of energy savings from national and local energy efficiency plans and programs. (NUCLEU – PN 16 02 06 02) (2016-2017)
3. Professional training in solar technologies. (POSDRU/40/3.2/G/37211)
4. Increasing the health and safety levels at the workplaces of employees through strengthening the culture of accident and occupational disease risk prevention (SANSIG). (POSDRU/78/3.2/A/48725)
5. Promoting clean energy technologies in the household and technical glass industry, in the context of sustainable development. (PN II – CLEANTECHGLASS)
6. "Comparative study of environmental and energy legislation and authorizations in European countries. (MENER)
7. Research on the development of an experimental model of an aeroionizer for polluted areas. (PN-03-16 04 06)
8. Research on the qualitative and quantitative evaluation of pollutants dispersed in the atmosphere in an industrial area (PN-03-16 04 04)
9. Online monitoring system for thermal pollution levels of an emitter due to cooling water discharge, application for Electrocentrale Deva. (RELANSIN 1561)
10. Soil quality monitoring in the influence area of power plants to determine emissions from fossil fuel combustion – a fundamental element in the development of national environmental protection policy. (MENER 069/12.10.2001)
11. Environmental impact throughout the life cycle of various cogeneration schemes. (RELANSIN 1401/30.07.2001)
12. Assessment of the impact of energy industry pollution on biodiversity by developing a risk assessment methodology for polluted soils. (ORIZONT 2000)

[1998 – 2020]

Environmental protection studies and works

Environmental impact assessment studies, monitoring and establishment of remedial solutions - more than 100 projects