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Bulgarian Association
in the Atomic Industry

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Proposal for Collaboration Framework and Methods between:

**the Bulgarian Association in the Nuclear Industry (BANI) 88 “Evropeiski pat”
blvd Bozhurishte, Sofia**

and

**BSPiR „Energoprojekt-Katowice” SA (EPK), Jesionowa 15, 40-159
Katowice, Poland,**

I. Introduction

This proposal aims to establish a framework for collaboration between the Bulgarian Association in the Nuclear Industry (BANI) and Energoprojekt-Katowice SA (EPK) in the areas of nuclear energy, waste management, and renewable energy sources. The proposal includes key collaboration themes and detailed methods of working together.

II. Key Themes of Collaboration

1. Nuclear Energy

- Exchange of know-how and expert experience.
- Design and engineering activities.
- Consultancy and participation in tender procedures.
- Radioactive waste management.

2. Renewable Energy Sources

- Design and construction of photovoltaic and hybrid systems.
- Development of hydrogen technologies.
- Consulting and designing wind energy parks.

3. Waste Management

- Development of strategies for managing radioactive waste.
- Construction of facilities for processing and storing waste.
- Technologies for destructive pyrolysis of waste.

4. Engineering and Consultancy Services

- Diagnostics and quality control of materials and equipment.
- Design and construction of automation and remote control systems.
- Financing and participation in European programs.

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III. Methods of Working

1. Joint Working Groups

- Establish joint working groups for each key thematic block.
- Regular meetings and video conferences to discuss progress and coordinate activities.

2. Knowledge Exchange and Training

- Organize joint seminars, training sessions, and workshops.
- Programs for the exchange of specialists between the two organizations.

3. Consultancy Services and Expert Assistance

- Provide consultancy services and expert assistance for specific projects.
- Support in preparing tender documents and participating in tender procedures.

4. Joint Research Projects

- Develop and implement joint research projects.
- Financing and participation in international and European research and innovation programs.

IV. Specific Activities

1. Design and Engineering

- Prepare complete project documentation for new nuclear facilities.
- Design photovoltaic parks and hybrid systems.

2. Waste Management

- Develop sustainable strategies for managing radioactive and other waste.
- Construct facilities for processing waste through destructive pyrolysis.

3. Automation and Remote Control

- Design and construct automation systems for industrial and energy processes.
- Maintenance and training for working with automated systems.

4. Financing and European Programs

- Develop and submit projects for participation in European programs and funds.
- Implement innovative projects related to energy efficiency and renewable sources.

V. Communication and Coordination

1. Project Management

- Use modern project management methodologies such as Agile and PMBOK.



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- Appoint project managers from both organizations.
- 2. Communication Channels**
 - Establish regular communication channels, including weekly and monthly meetings, video conferences, and email.
 - Use task management tools like Microsoft Teams.
 - 3. Resource Sharing**
 - Provide access to relevant resources, technologies, and software tools.
 - Joint use of laboratories and equipment.

VI. Documentation and Reporting

1. Documentation

- Implement a system for documenting and archiving all joint activities, projects, and research.
- Regular reports and reviews of project progress.

2. Evaluation and Feedback

- Conduct regular evaluations of the effectiveness of the collaboration.
- Gather feedback to improve joint activities.

VII. Conclusion

The proposed form and methods of working will ensure effective and productive collaboration between BANI and Energoprojekt-Katowice SA. By creating joint working groups, exchanging knowledge and experience, providing consultancy services, and participating in joint research projects, both organizations will contribute to the development of nuclear energy, waste management, and renewable energy sources in Bulgaria and Poland.

We look forward to the opportunity for joint work and contributing to the sustainable development of the energy sector in both countries.

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