

April 26, 2019  
Ref. № A/3-3-48

To Heads of organization

RE: Call for applications for  
the Global Energy Youth Programme

The Global Energy Association on development of international research and projects in the field of energy respectfully informs you that the call for applications for the Global Energy Youth Programme (hereinafter referred to as the Programme) 2019 is now open.

Using our experience in conducting national-level youth projects, in 2019 we start supporting young power engineers from around the world.

The program is conducted in order to stimulate the scientific work of young scientists and young experts in the field of energy by providing grants and personal awards; to identify promising research streams and successfully implemented technologies proposed by young representatives of the scientific community and contributing to the global energy industry development; to carry out independent international assessment of projects by early career scientists in the field of energy; to support dialogue development and experience exchange between young power engineers from Russia and abroad; to shape the future power engineers succession pool.

Students, young scientists and experts under the age of 40 and engaged in research and development in the field of energy are invited to participate.

Applications may be submitted in English only, and in the following categories: "Conventional Energy", "Unconventional Energy" and "New ways to use energy". There are two nominations:

1. "The Idea"

This nomination is for international projects and research in the field of energy from the three categories ("Conventional Energy", "Unconventional Energy" and "New ways to use energy"). One winner will be selected per each nomination category. The winners receive grants in the amount of 1 (one) million rubles each, to support the continuation of their research within the proposed projects for the period of one calendar year

2. "The Startup"

In this nomination, international projects successfully implemented in industry during the last 5 years are considered. One winner will be selected and will receive a personal prize in the amount of 1 (one) million rubles.

One applicant may submit one application maximum, in the electronic form, and for only one of the two nominations listed above. Submission period: April 10 to June 30, 2019. Apply at the Association's website <http://globalenergyprize.org/>.

The winners will be announced on August 31, 2019.

The details on the gala Awards Ceremony will be announced later. For the winners, the Association will cover the awards ceremony participation costs.

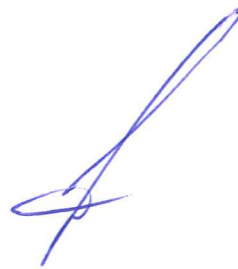
We would be grateful if you could share the information about the Contest with the students, graduate students and employees of your organization, and kindly provide assistance in presenting the Programme by posting the information about it on the website of your organization.

Annex:

1. The Programme Regulations, 12 p., single copy
2. Information about the Program, 2 p., single copy

Best regards,

Acting President of the Association



A. Ignatov

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## STATUTE ON THE GLOBAL ENERGY INTERNATIONAL YOUTH PROGRAM

### I. GENERAL PROVISIONS

- 1.1. These Statute establish the procedure for organizing, conducting and concluding the Global Energy Youth Program (the "Program").
- 1.2. The Program is conducted by the Global Energy Association on development of international research and projects in the field of energy in order to identify the most promising R&D projects, including those successfully implemented in production over the past 5 years and which contribute to technological progress in the global energy industry. Students, young scientists, specialized scientific and educational institutions, as well as young engineers from specialized energy companies under the age of 40 may participate, and incentives for their research project are provided through financial rewards.
- 1.3. For the purpose of these Regulations, the following basic concepts and definitions are used:
- 1.3.1. The *Organizer* is the Global Energy Association for the Development of International Research and Projects, a legal entity that manages the Program.
- 1.3.2. The *Project* is a clearly defined set of actions in the form of approaches, research work, R&D products, systems, methods and other materials in the field of energy, aimed at obtaining specific results within a specified period and within the allocated resources, with the involvement, if necessary, of a group of persons with a variety of necessary skills and knowledge.
- 1.3.3. The *Application to participate in the Competition (Application)* is an electronic form completed on the official website of the Organizer ([www.globalenergyprize.org](http://www.globalenergyprize.org)) (the "Website"), corresponding to Appendix No. 1 and Appendix No. 2 hereto.
- 1.3.4. The *Nominee* is an individual and/or the head of a group of participants, whose Application, according to these Regulations, is accepted by the Organizer and ranked according to the results of the Evaluations.
- 1.3.5. The *Nomination* is the set of Projects grouped according to the principles presented in clause 3.2. of these Regulations.
- 1.3.6. The *Nomination Process* is the annual cycle of actions that constitute the Program, which includes sending information letters about the Program, accepting Applications, conducting Evaluations, determining and awarding the Program Winners.
- 1.3.7. The *Evaluation* is the assessment of each Application accepted by the Organizer, performed by independent international experts, with the results recorded in an evaluation report in accordance with Appendix No. 3 hereto.
- 1.3.8. The *Expert* is an independent person who has specialized scientific knowledge and is invited on a contractual basis by the Organizer to carry out the Evaluation.
- 1.3.9. The *Average Score* is the arithmetic average of the marks awarded by at least 3 (three) Experts for each Application.
- 1.3.10. The *Program Winner* is the Program Nominee, whose Application gained the highest Average Score in each individual category of the Competition based on the results of the Evaluation.
- 1.3.11. The *Prize Fund* is the financial reward established by the Organizer and distributed between the Program Winners as follows:

1.3.11.1. The *Award* is awarded in the Startup category to 1 (one) Program Winner.

1.3.11.2. The *Grant* is awarded in the Idea category to no more than 3 (three) Program Winners.

## II. PROGRAM PROCEDURE

2.1. The Program is held annually. Students, specialized higher educational and scientific institutions, young scientists, young engineers working in specialized energy companies who meet the following criteria may participate in the Program:

2.1.1. Citizens of any country under the age of 40 (forty) (at the time of application):

2.1.1.1. Having scientific R&D products in the field of energy, including for the Startup category: R&D products implemented and operating in production for at least 5 (five) years, at the time of the current Program Nomination cycle, which have proved successful.

2.2.1.2. Having published papers on the energy industry.

2.2. The working languages of the Program are Russian and English.

2.3. In order to provide information about the Program, the Organizer posts informational and methodological materials related to the Program on the Website, including the text of these Regulations, and also publishes information about the Program Winners.

2.4. The Organizer ensures the development and maintenance of the Website and the automated system for receiving Applications, and also performs the following functions:

- during the Program organizes advisory and methodological assistance for the Program Nominees, provides clarifications, and conducts correspondence
- prepares informational materials for the Program, coordinates their posting in online and print media information resources
- organizes the Evaluation of Applications
- organizes the awarding of the Program Winners
- performs other functions related to the organization, conduct and conclusion of the Program.

2.5. The Organizer is not entitled to disclose any information related to the conduct of the Program at all stages prior to the date of conclusion of the current annual Program cycle, including the list of experts.

2.6. The Program is conducted in 4 (four) stages:

Stage I – Acceptance of Applications on the Website, determination of the Program Nominees.

Stage II – Verification of Applications by the Organizer for compliance with the requirements of these Regulations (acceptance of the Application or its refusal).

The verification of Applications is carried out by the Organizer for compliance with the criteria stipulated in subclauses 1.4., 3.2., 4.6., 4.10. of these Regulations.

Stage III – Evaluation of the Applications.

Stage IV - Conclusion of the Program, awarding of the Program Winners.

## III. REQUIREMENTS FOR APPLICATIONS

3.1. The Organizer posts information that Applications are being accepted and the Program terms and conditions on the Website.

3.2. Applications are submitted in the form of Projects in two Categories:

- “Idea” - proposals for the creation of new systems or the modification of existing systems (technical, technological, informational, social, economic, organizational) in the energy industry, presented in the form of an Application, whose implementation lead to reduced resource costs (production, financial, human) and achieve a fundamental improvement in the quality of products or services, and noteworthy social, environmental and commercial benefits. In the Idea category, on the research topic disclosed in the Application, a grant is allocated to implement the Project within one calendar year.

– “Startup” - R&D products implemented within 5 (five) years, presented in the form of proposals for the creation of new systems or the modification of existing systems (technical, technological, informational, social, economic, organizational) in the energy industry, presented in the form of an Application, whose implementation lead to reduced resource costs (production, financial, human) and achieve a fundamental improvement in the quality of products or services, and noteworthy social, environmental and commercial benefits in the following areas of the energy sector:

3.2.1. Traditional energy

- Electricity power engineering
- Electric power engineering;
- Exploration, extraction, transportation and processing of fuel and power resources;
- Heat power engineering;
- Nuclear power engineering.

3.2.2. Non-traditional Energy

- Renewable energy sources
- Bioenergy;
- Fuel cells and hydrogen energy.

3.2.3. New ways of energy application

- New materials used in power engineering;
- Energy efficiency;
- Efficient power storage;
- Energy transportation.

3.3. The Program Nominee may submit no more than one Application per Category during one Program Nomination cycle.

3.4. Models and full-scale exhibits are not accepted in the Program.

3.5. The Organizer is entitled, depending on the number and type of submitted Applications, to create additional categories.

3.6. Responsibility for the observance of copyright, state and commercial secrets regarding information provided in the Application rests entirely with the Program Nominee.

#### **IV. PROGRAM TERMS AND PROCEDURE**

4.1. The Program runs from April 10 of this year to December 31 of this year.

4.2. The dates of the Program may be changed by decision of the Organizer.

4.3. Applications (including online Applications) are accepted from April 10 of this year to June 30 of this year.

4.4. The Evaluation of Applications is performed from July 1 of this year to August 15 of this year.

4.5. The identification of the Program Winners and award ceremony for the Program Winners is held from September 23 of this year to November 31 of this year.

4.6. Applications received by the Organizer during the period established in clause 4.3 of these Regulations and corresponding to the requirements of these Regulations may participate in the Program.

4.7. Applications submitted in violation of the deadlines established in accordance with clause 4.3. of these Regulations, and those that are inconsistent with these Regulations, are not accepted for consideration.

4.8. To participate in the Program, go to the Website, select "OUR PROGRAMS", then select "GLOBAL ENERGY INTERNATIONAL YOUTH PROGRAM", "LEARN MORE ABOUT THE PROJECT", then "SUBMIT APPLICATION", and select the "IDEA" or "STARTUP" CATEGORY.

4.9. Each project is presented as a separate online Application in English with the separate submission of a full set of documents: in the Idea category in accordance with Appendix No. 1 and in the Startup

category in accordance with Appendix No. 2 hereto. One participant may submit only one Application for consideration in each of the Program Nominations.

4.10. All documents submitted with the Application are sent online via the Organizer's Website as an attachment to the corresponding paragraph of the Application. If it is impossible to open or read the information submitted in the Application, the Organizer sends a notification to the applicant by e-mail about the need to resubmit information on the Application. This notification is sent only if the Application is submitted at least 1 (one) business day before the deadline for receiving Applications in accordance with these Regulations. In case of failure to provide the requested information on the Application within the time period specified in the notification, but no later than 1 (one) business day before the deadline for accepting Applications, the Organizer is entitled to reject the Application on the basis of non-compliance with the terms of these Regulations.

4.11. After an Application is submitted, corrections and additions are not permitted.

4.12. An Application is considered accepted if, after the processing of the Application is complete, a number is assigned to it, and, consequently, the Applicant is assigned the status of Program Nominee.

## **V. EVALUATION OF APPLICATIONS**

5.1. The Organizer manages the evaluation process.

5.2. The composition of Experts involved in the evaluation process is approved by the Organizer.

5.3. The Organizer involves at least 3 (three) Experts to assess each Application. Information on the composition of the Experts arising during the Evaluation is confidential.

5.4. Applications are evaluated by Experts on a 10-point scale according to the following criteria:

- Project conformity to the Program topics;
- Relevance of the project topics, its scientific novelty;
- Project implementation effect;
  - o General economic effect.
  - o Financial effect.
  - o Budget effect.
  - o Social effect.
  - o Environmental effect.
  - o Technical effect.
- Availability of documented information on scientific, technical, technological novelty, economic efficiency (including the improvement of price/quality/ functionality ratio, project deliverables);
- Implementation scope Information on the possibility to disseminate positive experience:
- Availability of positive expert assessments and opinions of specialized entities and competent authorities, consumers' feedback, letters of acknowledgement, publications in mass media etc.;
- Availability of unbiased data supporting the reliability and guaranteed achievement of the goals set to the project:

5.5. Based on the results of the Evaluation of each Application, an Evaluation report is drawn up, in which the total number of points awarded to the Application is given and the Expert's conclusions are provided. The form of the Evaluation report is given in Appendix No. 3 hereto.

## **VI. PROCEDURE FOR DETERMINING PROGRAM WINNERS**

6.1. Based on the Evaluation reports submitted by the Experts, the Organizer determines the final (average) score of each Application.

6.2. The Program Winners are recognized as Program Nominees whose Applications scored the highest total (average) points in each Program Category in accordance with clause 3.2. of these Regulations.

6.3. In case two or more Program Nominees have scored the same number of points, the Organizer conducts an additional Evaluation of these Applications with the involvement of new Experts. Following

the additional Examination, the Program Winners are recognized as the Program Nominees who have scored the highest (average) number of points as a result of the additional Examination.

6.4. The decision of the Organizer is final and not subject to dispute.

6.5. The names of the Program Winners are published on the Website by December 1 of this year. Within 7 (seven) days after information is posted on the Program Winners, an official notification is sent to them.

6.6. The Organizer concludes a contract/agreement on the basis of which the Prize Fund is paid to the Program Winners.

6.7. During cooperation with the Organizer, the Program Winners undertake to provide consent for the processing and use of their personal data and images.

6.8. Obligations of the Program Winner:

- Indicate the status as Program Winner when registering and participating in international events, in original papers, interviews, etc.

- During further work on the project and its presentation to third parties, indicate that the project was completed with the support of the Global Energy Association

- Inform the Organizer no later than 10 (ten) days about scientific events in which the Program Winner plans to take part, and inform the Organizer within 3 (three) days on any published articles, interviews and books, etc.

- Within 3 (three) years, the Program Winner participates in at least 5 (five) events held by the Organizer.

6.9. Based on the results of the Program, the Organizer is entitled to recommend to the executive authorities of the Russian Federation or interested organizations separate Projects for implementation and/or for practical testing and send proposals for promoting Program Nominees.

## **VII. AWARDING OF THE PROGRAM WINNER**

7.1. The date and place of the awards ceremony of the Program Winners are determined by the Organizer and published on the Website or communicated personally.

7.2. The Program Winners receive:

- a figurine

- a badge

- a certificate

- an award/grant for the research project.

7.3. The amount of the Grant in the Idea category is 3,000,000.00 (three million) rubles and is allocated in sums of 1,000,000.00 (one million) rubles in each of the three areas.

7.4. In each area of the Idea category there is one Program Winner.

7.5. If the results of the Evaluation of the Program Nominees in one area of the Idea category do not produce a Program Winner, then no award is given in this area.

7.6. The amount of the Prize in the Startup category is 1,000,000.00 (one million) rubles.

7.7. The Startup category has one winner.

7.8. If the Program Winner is a foreign citizen, the Prize Fund is paid in the national currency of the Program Winner at the rate of the Central Bank of the Russian Federation at the date of payment.

7.9. The Organizer is entitled, depending on the number and type of submitted Applications, to establish additional awards and incentives at its discretion.

7.10. The cost of participation of the Program Winners at the awards ceremony will be borne by the Organizer, and namely: travel to and from the award ceremony, accommodation and other expenses as agreed with the Organizer.

The failure of a Program Winner to attend an awards ceremony without good reason entails the annulment of the decision of the Organizer on the Program Winner.

## **VIII. PROGRAM PRIZE FUND PAYMENT PROCEDURE AND GRANT REPORTS**

8.1. The payment procedure of the Start-up Prize Fund is determined not later than 45 calendar days after the award ceremony of the Program Winners.

8.2. The payment procedure of the Idea Prize Fund (the “Grantee”) is determined in accordance with the Grant agreement.

8.3. The Organizer reserves the right to withdraw its decision and claim the Prize Fund of the Program in the event that the authorship of the invention/project of the Program Winner is challenged in court.

8.4. The Grantee undertakes to spend the allocated funds only in accordance with the stated budget.

8.5. At the request of the Organizer (the “Grantor”), the Grantee is required to submit reports on the progress of the research project and expenses borne when conducting the research. The report forms and deadlines are determined on the basis of the specific features of each research project and are specified in the Grant agreement.

8.6. In addition to the above, the Grantee reports on the results of the research work conducted on the basis of the funds provided under the Grant one (1) year after the awarding of the Competition Winners at the special event held by the Grantor. The Grantor informs the Grantee about the place, time and participation rules of the special event.

8.7. For the Grant to be allocated, the Grantee undertakes to participate in the official events held by the Grantor, including online events (conferences, roundtables, television and radio programs, forums, etc.), and contribute to the dissemination of information on scientific developments, achievements, research, and competitions in the field of energy production. In addition, the Grantee is required to provide any papers, theses, reports or other materials on research conducted upon request of the Grantor. Responsibility for the protection of commercial and/or state secrets in the submitted documents is fully borne by the Grantee.

8.8. The Grantee and the Grantor enter into an agreement on the alienation of rights to an invention, utility model or pre-production prototype, which result from the scientific research and developments of the Grantee, in the following ways:

– If the Grantee creates an invention, utility model or pre-production prototype using Grant money, the Grantee undertakes to apply for a patent at the authorized body of the Russian Federation or the Patent Office of a foreign country within one month if the Grantee is a foreign citizen, and three months after receiving the patent, assign 50% of the rights to the patent to the Grantor.

– If at the time of the conclusion of the contract/agreement on the payment of the Prize Fund the patent had already been obtained by the Grantee in his or her own name for the invention associated with the Grant, the Grantee undertakes to conclude an agreement with the Grantor on the gratuitous assignment of 50% of the exclusive rights of the patent to the Grantor within one month from the date of conclusion of the contract/agreement on the payment of the Prize Fund.

8.9. The form of liability for the Grantee violating the terms of these Regulations and/or the Grant agreement concluded between the Grantor and the Grantee is the suspension or termination of the Grant allocation terms (depending on the consequences of the violations committed by the Grantee), with compensation provided to the Grantor for any losses incurred, including the return of the Grant, if it had been provided to the Grantee at the time of the violation.

## **IX. PROCEDURE FOR THE EVALUATION OF GRANT REPORTS**

9.1. The Organizer manages the evaluation of the final Grantee reports on the progress of research work and expenses borne when conducting the research (the “Report”).

9.2. The composition of the Experts involved in the Evaluation of Reports is approved by the Organizer.

9.3. The Organizer involves at least 3 (three) Experts to assess each Report. Information about the composition of the Experts and the results of their work are not disclosed.

9.4. The Grantor is entitled to involve additional Experts to evaluate the Grantee reports.



- 9.5. Reports are evaluated by the Experts on a form provided by the Grantor to determine whether there are any discrepancies between the stated and implemented project results.
- 9.6. Based on the results of the evaluation of each Report an evaluation report is drawn up.
- 9.7. In case of discrepancies between the stated and realized goals, at the request of the Grantor, the Grantee undertakes to provide a corresponding detailed substantiation.
- 9.8. In the event that, after the main and additional evaluation, the Grantee Report does not contain any information on the work conducted, the Grantor is entitled to follow clause 8.9. of these Regulations.

### APPLICATION FOR IDEA NOMINATION

Full name of the Project Manager	Please specify starting with the capital letter	
Date of birth:	In DD.MM.YYYY format	
Gender: M/F	Please select one option from the dropdown list	
Picture of the Project Manager	Picture in the suitable format for JPEG, PNG documents and other picture formats	
Position	Full name of the position, without abbreviations	
<b>Contacts</b>		
Tel.	Specify the personal mobile phone number for quick communication	
E-mail	Specify e-mail for quick communication in test@test.ru format	
<b>Mailing address</b>		
Country	Select the Country from the list	
City	Specify your city	
Mailing address	Specify your full mailing address	
<b>Information on legal entities</b>		
Legal entity's full name	Name of the educational institution in the format of Smolensk State University (federal state-owned budgetary educational institution of higher professional education), or enterprise of SUEC PJSC	
Company's website (if any)	In the following format: www.globalenergyprize.org	
Legal entity's address (legal address)	Specify full legal address	
<b>Legal entity's CEO</b>		
Full name (without abbreviations)	Please specify starting with the capital letter	
Position (without indication of the corporate name)	Full position	
Tel.	Specify the personal mobile phone number for quick communication	
E-mail	Specify e-mail for quick communication in test@test.ru format	
I hereby consent to my personal data processing	Please tick	
I hereby confirm the entered data is true	Please tick	
<b>PROJECT DESCRIPTION</b>		
<b>S/R №</b>	<b>Indicator</b>	<b>Completion recommendations</b>
1.	Power industry area:  <b>1. Traditional energy</b>	Select one of the power industry areas

	<ul style="list-style-type: none"> <li>– Electricity power engineering</li> <li>– Electric power engineering;</li> <li>– Exploration, extraction, transportation and processing of fuel and power resources;</li> <li>– Heat power engineering;</li> <li>– Nuclear power engineering.</li> </ul> <p><b>2. Non-traditional Energy</b></p> <ul style="list-style-type: none"> <li>– Renewable energy sources</li> <li>– Bioenergy;</li> <li>– Fuel cells and hydrogen energy.</li> </ul> <p><b>3. New ways of energy application</b></p> <ul style="list-style-type: none"> <li>– New materials used in power engineering;</li> <li>– Energy efficiency;</li> <li>– Efficient power storage;</li> <li>– Energy transportation.</li> </ul>	
2.	Project name	Project full name, in brackets
3.	Relevance, scientific novelty, problems	Detailed disclosure of the necessity and relevance of the proposed technologies, their scientific novelty, practical significance and conformity to the Program indicators and conditions
4.	Market analysis	The general analysis of prospects of implementing the stated project; presence of demand and ways to generate income
5.	Work plan and allocation of finances for 1 year	Tools using which the project strategies, implementation directions and arrangements are shaped, and the means required for the project implementation (budget, human resources). In format of table
6.	Technology use options	Detailed procedural description of the options how the project will be used by all stakeholders and the external systems, i.e. those who (or what) can be regarded as actors.
7.	Competitors' analysis	Analysis of particular data on operations of the companies that occupy a similar or equivalent niche, and the operations of which may influence your sales
8.	Publications on the project topic or related topics	In form of indicating the name, date and place of publication

9.	Feedback of the leading company on the project (a scan with seal and signature)	The document signed by the CEO or another representative of the company that is widely known for its achievements in the respective field of science and that is capable of identifying the scientific and/or practical value of the stated project, which submits the feedback on the stated project to the Program's organizational committee. *to be enclosed
10.	Additional project information	To indicate at the participant's discretion

### APPLICATION FOR STARTUP NOMINATION

Full name of the Project Manager	Please specify starting with the capital letter	
Date of birth:	In DD.MM.YYYY format	
Gender: M/F	Please select one option from the dropdown list	
Picture of the Project Manager	Picture in the suitable format for JPEG, PNG documents and other picture formats	
Position	Full name of the position, without abbreviations	
<b>Contacts</b>		
Tel.	Specify the personal mobile phone number for quick communication	
E-mail	Specify e-mail for quick communication in test@test.com format	
<b>Mailing address</b>		
Country	Select the Country from the list	
City	Specify your city	
Mailing address	Specify your full mailing address	
<b>Information on legal entities</b>		
Legal entity's full name	Name of the educational institution in the format of Smolensk State University (federal state-owned budgetary educational institution of higher professional education), or enterprise of SUEC PJSC	
Company's website (if any)	In the following format: www.globalenergyprize.org	
Legal entity's address (legal address)	Specify full legal address	
<b>Legal entity's CEO</b>		
Full name (without abbreviations)	Please specify starting with the capital letter	
Position (without indication of the corporate name)	Full position	
Tel.	Specify the personal mobile phone number for quick communication	
E-mail	Specify e-mail for quick communication in test@test.ru format	
I hereby consent to my personal data processing	Please tick	
I hereby confirm the entered data is true	Please tick	
<b>PROJECT DESCRIPTION</b>		
<b>S/R №</b>	<b>Indicator</b>	<b>Completion recommendations</b>
1.	Power industry area: <b>1. Traditional energy</b> – Electricity power engineering	Select one of the power industry areas

	<ul style="list-style-type: none"> <li>– Electric power engineering;</li> <li>– Exploration, extraction, transportation and processing of fuel and power resources;</li> <li>– Heat power engineering;</li> <li>– Nuclear power engineering.</li> </ul> <p><b>2. Non-traditional Energy</b></p> <ul style="list-style-type: none"> <li>– Renewable energy sources</li> <li>– Bioenergy;</li> <li>– Fuel cells and hydrogen energy.</li> </ul> <p><b>3. New ways of energy application</b></p> <ul style="list-style-type: none"> <li>– New materials used in power engineering;</li> <li>– Energy efficiency;</li> <li>– Efficient power storage;</li> <li>– Energy transportation.</li> </ul>	
2.	Project name	Project full name, in brackets
3.	CV of the Project Manager	To be issued as a pdf document, as enclosure to the application
4.	Personal contribution of the project manager	To be issued as a pdf document, as enclosure to the application
5.	Main project information	Disclosure of relevance, scientific novelty, goals, and objectives of the project
4	Documents on authorship	As per the law
5	Project implementation effect	Is disclosed by a detailed description of the implementation deliverables for each effect: <ul style="list-style-type: none"> <li>– General economic effect</li> <li>– Financial effect</li> <li>– Budget effect</li> <li>– Social effect</li> <li>– Environmental effect</li> <li>– Technical effect</li> </ul>
6	Objectives that this project helps to solve	Particular description of what was done and achieved by implementing this project
7	Publications on the project topic	They are made as a table indicating the name, date and place of publication
8	Feedback of the lead company confirming the project implementation (a scan copy with seal and signature)	The document signed by the CEO or another representative of the company that is widely known for its achievements in the respective field of science and that is capable of identifying the scientific and/or practical value of the stated project, which submits the

		<p>feedback on the stated project to the Program's organizational committee</p> <p>The feedback should contain facts evidencing the implementation of the stated project for at least 5 years on the application submission</p> <p>*to be enclosed</p>
9.	Additional project information	To indicate at the participant's discretion

**Appraisal certificate**  
**Applications of a participant in the GLOBAL ENERGY**  
**(global youth program in power industry)**

Expert \_\_\_\_\_  
full name

Total score: \_\_\_\_\_

**Full name of the Program Participant:** \_\_\_\_\_

**Project name:** \_\_\_\_\_

**EXPERT QUESTIONNAIRE** (select a score from 1 to 10)

1. Project conformity to the Program topics:

1 2 3 4 5 6 7 8 9 10

2. Relevance of the project topics, its scientific novelty:

1 2 3 4 5 6 7 8 9 10

3. Project implementation effect:

o General economic effect:

1 2 3 4 5 6 7 8 9 10

o Financial effect:

1 2 3 4 5 6 7 8 9 10

o Budget effect:

1 2 3 4 5 6 7 8 9 10

o Social effect:

1 2 3 4 5 6 7 8 9 10

o Environmental effect:

1 2 3 4 5 6 7 8 9 10

o Technical effect:

1 2 3 4 5 6 7 8 9 10

4. Availability of documented information on scientific, technical, technological novelty, economic efficiency (including the improvement of price/quality/ functionality ratio, project deliverables):

1 2 3 4 5 6 7 8 9 10

5. Implementation scope Information on the possibility to disseminate positive experience:

1 2 3 4 5 6 7 8 9 10

6. Availability of positive expert assessments and opinions of specialized entities and competent authorities, consumers' feedback, letters of acknowledgement, publications in mass media etc.:

1 2 3 4 5 6 7 8 9 10

7. Availability of unbiased data supporting the reliability and guaranteed achievement of the goals set to the project:

1 2 3 4 5 6 7 8 9 10

Signature \_\_\_\_\_

**Summary substantiation of scores and final opinion**

(at least 1,500 chars)

\_\_\_\_\_  
Expert's signature



The Global Energy Association for the development of international research and projects in the field of energy.

«8» April, 2019

## **Fifty six thousand Euros for young innovators: the Global Energy Youth Program starts to accept the applications**

*The application period for the participation in the Global Energy Youth Program, which became international in 2019, starts on April, 10. Now young engineers from all over the world can take part in the contest for the best research project and implemented idea. The winners will receive grants for the continuation of research and personal awards in the amount of around 14 000 Euros each. The total prize fund of the program this year is 56 000 Euros.*

Since 2019, the Global Energy Youth Program has become international. It will be held in three stages, the first of which is the acceptance of applications, from April 10 till June 30. Applications can be submitted in the online system on the association's website in the [programs section](#). The winners will be determined by the results of experts` examination that will be carried out until August 15. The winners will be announced on the association`s website on August 31.

Applications are accepted in English in two categories “Idea” and “Startup”. At the same time, the applicant has the right to submit no more than one application for only one of the categories during one nomination cycle for the program. Students, young scientists and specialists under the age of 40 engaged in research and development in the field of energy are invited to participate in the program.

Within the “Idea” category, international projects and studies in the energy sector are considered in three areas: “Traditional energy”, “Non-traditional energy” and “New ways of energy application”. Winners are determined in each of these three areas: one per area. Each winner receives a grant in the amount of around 14 000 Euros for the continuation of his research in the framework of the announced project for a period of one calendar year.

International projects in the field of energy, successfully introduced into production during the last 5 years, are accepted for participation in the competition in the “Startup” category. For this category, one winner receives a personal prize of around 14 000 Euros.

The purpose of the Global Energy Youth Program is to stimulate the scientific activity and inspire young specialists in the field of energy by providing them with grants and personal awards. In addition, an important role is given to the identification of promising research and successfully implemented developments of young representatives of the scientific community, contributing to the

development of the global energy industry. Special attention is paid to the formation of the personnel reserve of future power engineers.

Recall that the Global Energy Association has been holding competitions for young researchers since 2004 with a total of 1,120 contestants and 73 winners. The winners have received a total of about 1 100 000 Euros in grants and personal awards. Today, 25% of the winners' projects have been fully implemented in the production process or are at the final stage of development. The winners' projects cover all major areas of the energy sector. 55.4% of the projects are related to R&D in traditional energy, 31% are aimed at the development of alternative energy, and 14% concern new energy technologies. Building on its long-term experience in holding contests for young scientists in Russia, the Global Energy Association is bringing its Youth Program to the international level starting from 2019.

***Additional information and accreditation:***

*The Global Energy Association*

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**About the Global Energy Association**

[The Global Energy Association](#) develops international research and projects in the field of energy. The Association operates with the support of the leading Russian energy companies PJSC "GAZPROM", "FGC UES", PJSC, PJSC "Surgutneftegas". The Association manages the Global Energy Prize, organizes the eponymous summit, and implements a number of programs for young Russian scientists.

The Global Energy Prize is an international award for outstanding scientific research and technological development in energy. Since 2003, the Global Energy Prize has been awarded to 37 Laureates from 12 countries: Australia, Austria, Canada, France, Iceland, Japan, Russia, Sweden, Switzerland, Ukraine, the UK and the US. According to [IREG Observatory on Academic Ranking and Excellence](#), the Global Energy Prize is one of TOP-99 international academic awards with the highest prestige and significance. In the prestige rating of [the International Congress of Distinguished Awards \(ICDA\)](#) the Global Energy Prize is in the category of "Mega Prizes" for its laudable goals, exemplary practices and the overall prize fund.

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