



award

ENI AWARD 2020

CANDIDATURE PROPOSAL

1. TITLE OF THE RESEARCH

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2. PRIZE SECTION

Please select **one Prize only** (by crossing one box in the left column) and **one or more sub-topics** describing your research (in the right column).

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| <input type="checkbox"/> Energy Transition | <input type="checkbox"/> General: promoting carbon footprint reduction during the transition: <ul style="list-style-type: none"> <input type="checkbox"/> Carbon Capture, Utilization and Storage (CCUS) <input type="checkbox"/> New ways to convert natural gas to fuels, chemicals and hydrogen <input type="checkbox"/> New technologies for Natural Gas transportation <input type="checkbox"/> New technologies to improve energy efficiency in producing/using Natural Gas: <ul style="list-style-type: none"> <input type="checkbox"/> Monitoring and prevention of leaching gas <input type="checkbox"/> Reducing gas flaring <input type="checkbox"/> Conversion of natural gas to electricity (fuel cells) <input type="checkbox"/> Use of natural gas for energy storage <input type="checkbox"/> New technologies to separate/convert H₂S associated with Natural Gas and use sulfur <input type="checkbox"/> Bio-fuels and related production processes <input type="checkbox"/> Fuels and chemicals from solar energy <input type="checkbox"/> Energy efficiency: <ul style="list-style-type: none"> <input type="checkbox"/> Energy valorization of waste <input type="checkbox"/> Hybrid fossil fuel systems <input type="checkbox"/> Energy vectors <input type="checkbox"/> Other (please specify: _____) |
| <input type="checkbox"/> Energy Frontiers | <input type="checkbox"/> Renewable energy sources: <ul style="list-style-type: none"> <input type="checkbox"/> Photovoltaics <input type="checkbox"/> Concentrated Solar Power <input type="checkbox"/> Eolic <input type="checkbox"/> Geothermal <input type="checkbox"/> Hydroelectric <input type="checkbox"/> Waves/Tides/Currents <input type="checkbox"/> Thermoelectric <input type="checkbox"/> Mechanical Energy Harvesting <input type="checkbox"/> Smart Grids <input type="checkbox"/> Renewable Energy Management <input type="checkbox"/> Renewable Energy Efficiency (Solar Cooling, NZEB...) <input type="checkbox"/> Energy storage: <ul style="list-style-type: none"> <input type="checkbox"/> Electrical Storage <input type="checkbox"/> Thermal Storage <input type="checkbox"/> Mechanical Storage <input type="checkbox"/> Other Type of Storage (e.g. chemical) |

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| | <input type="checkbox"/> Nuclear Fusion <input type="checkbox"/> Access to energy in developing countries <input type="checkbox"/> Other (please specify: _____) |
| <input type="checkbox"/> Advanced Environmental Solutions | <input type="checkbox"/> Environmental Protection <input type="checkbox"/> Environmental Remediation <input type="checkbox"/> Circular economy and plastic recycling <input type="checkbox"/> "Green" chemicals and polymers <input type="checkbox"/> Other (please specify: _____) |

3. SUBMISSION TO THE ENI AWARD

Please indicate if the same research is being submitted by the same Candidate for the first time or not:

First time submission

Re-submission

Please state in which edition(s) of the ENI AWARD(s) it has been submitted: _____

3.1. IN CASE OF RESUBMISSION: JUSTIFY THE REASONS FOR THE RESUBMISSION IN THIS EDITION BY HIGHLIGHTING THE NEW DEVELOPMENTS ACHIEVED SINCE LAST SUBMISSION – 1000 characters maximum, spaces included.

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4. MAIN AUTHOR(S) ACCOUNTABLE FOR THE RESEARCH RESULTS (MAXIMUM TWO NAMES)

If awarded, only the one/two main representative(s) of the Candidature (to be listed hereunder at Point 4) will be included in the Prize-Giving Ceremony and related media release events.

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|----------------------------|--|
| SURNAME | |
| FORENAME | |
| PLACE OF BIRTH | |
| DATE OF BIRTH | |
| NATIONALITY | |
| PLACE OF EMPLOYMENT | |
| POSITION | |
| ADDRESS | |
| TELEPHONE | |

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| E-MAIL | |
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| SURNAME | |
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| NATIONALITY | |
| PLACE OF EMPLOYMENT | |
| POSITION | |
| ADDRESS | |
| TELEPHONE | |
| E-MAIL | |
| FAX | |

5. SECONDARY AUTHOR(S) OF THE RESEARCH RESULTS (IF ANY)

In case of two or more secondary authors, please copy and paste the section below.

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|----------------------------|--|
| SURNAME | |
| FORENAME | |
| PLACE OF BIRTH | |
| DATE OF BIRTH | |
| NATIONALITY | |
| PLACE OF EMPLOYMENT | |
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6. DESCRIPTION OF THE RESEARCH RESULTS

Each of the following paragraphs has to be filled with the appropriate content. Please note that a **mandatory total limit** of allowed **characters** has been fixed at **4500**, spaces included.

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| CONTEXT | <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> |
| OBJECTIVES, SCOPE | <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> |
| METHODS, PROCEDURES/ PROCESSES, RESULTS | <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> |
| SCIENTIFIC/ TECHNICAL NOVELTY | <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> |
| INDUSTRIAL APPLICABILITY | <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> |
| ECONOMIC AND SOCIAL BENEFITS | <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> |

6.1. BRIEF EXPLANATION OF THE STATE OF THE ART IN THE FIELD IN WHICH THE RESEARCH RESULTS HAVE BEEN ACHIEVED - six lines maximum allowed.

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6.2 PERSONAL CONTRIBUTION OF THE CANDIDATE TO THE STATE OF THE ART IN THE FIELD IN WHICH THE RESEARCH RESULTS HAVE BEEN ACHIEVED – six lines maximum allowed

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7. LIST FROM ONE (minimum) TO FIVE (maximum) PEER-REVIEWED PUBLICATIONS (EXCLUDING REVIEWS AND PATENTS), CONTAINING THE RESULTS OF THE RESEARCH PRESENTED WITH THIS CANDIDATURE AND AUTHORED BY THE MAIN SCIENTIST(S) (see Point n° 4). THE AFORESAID PUBLICATIONS HAVE TO BE SENT IN ELECTRONIC COPY AS MENTIONED IN THE OFFICIAL ANNOUNCEMENT:

(PLEASE STATE TITLE, AUTHOR, DATE, JOURNAL, VOLUME/ISSUE and EDITOR for each publication)

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8. LIST FROM THREE (minimum) TO FIVE (maximum) REFERENCE LETTERS. THE REFERENCE LETTERS HAVE TO BE SENT IN ELECTRONIC COPY AS MENTIONED IN THE OFFICIAL ANNOUNCEMENT

(PLEASE STATE NAME, SURNAME, POSITION AND AFFILIATION for each author)

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N.B.:

a. Candidatures must be compulsorily presented in English.

b. The Candidature, CV and list of publications must be sent to the Scientific Secretariat **before 22 NOVEMBER 2019 no later than 5.00 pm CET (Central European Time)**, as requested in the Official Announcement.

ENI AWARD SCIENTIFIC SECRETARIAT

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