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2018 Dr. Zuheir Alami WFEO Award for Engineering Innovation

INTRODUCTION

In recognition of the importance of engineering innovation to the development of the global community through engineering, the Engineering Innovation Award will be a permanent feature in WFEO Conferences every other year (at Executive Council Meetings or General Assemblies). We are proud that Khatib & Alami (K&A), a global leader in innovation is the sponsor for this important Award.

Applications are hereby invited from engineering innovators from all over the world as individuals or group, who have developed products or services that can provide solutions to existing challenges towards improvement of sustainable and economic development. Applicant should be able to show the level of development reached in commercializing the innovation for the benefit of the Society, among others. The Application can be sent directly from the individuals or be nominated by an engineering Institution that is a National Member or International Member of WFEO. However, for direct Application, an endorsement from a National Member of WFEO is required. The Applicant can make enquiry to the WFEO Headquarters if he/she does not have contact of the National Member closest to him/her.

The Award consists of a medal, a certificate, and a cash prize of \$10,000 (USD) presented in conjunction with the biennial Executive Council of the WFEO. The first presentation will be during the WFEO Executive Council and the Global Engineering Congress in London, October 2018.



KHATIB & ALAMI

Khatib & Alami creates, designs, supervises and manages projects that have the potential to better society. We build on our proven multidisciplinary expertise and offer regional urban planning and comprehensive architectural and engineering consulting services. K&A focuses on delivering innovative solutions that meet clients' real needs. With a history of success and a network of subsidiaries and sister companies, we provide our clients with an integrated approach to reliable project delivery in the evolving globalized world. Proactive rather than reactive, we are at the forefront of new specialties and advantageous alliances. Our adaptability and solid communication between branches mean we deliver results against all odds and external challenges. With our unique level of service and anticipation of market trends, we strive to make sure you ensure our clients are satisfied, regardless of the size of the project. We also focus on social needs, and pay special attention to the environment and communities. K&A's services are all in-house, covering a broad spectrum of disciplines from architecture to urban planning, transportation, energy, water, and oil & gas projects. We enhance infrastructure, create new buildings, develop neighbourhoods, and reshape entire cities. Our area of operations covers the Middle East and North Africa (MENA), Sub-Saharan Africa, Commonwealth of Independent States (CIS), Western Europe and North America, with 8 regional offices and numerous branches, bringing together over 30 nationalities and more than 5,000 employees. We are among the Top 100 international design firms in the world, according to Engineering News-Record (ENR). www.khatibalami.com

THE WORLD FEDERATION OF ENGINEERING ORGANIZATIONS (WFEO)

WFEO is the global body for the engineering profession. Founded in 1968, we have national members from about 90 countries representing more than 30 million engineers. We work to influence international institutions, to promote globally agreed good practice and to address the challenges of sustainable development around the world. Through these activities, we regularly engage with governments, policy-makers and United Nations leaders to present the engineering perspective. We are a member of the United Nations Social and Economic Council and we co-lead the UN Science and Technology Major Group. We are an official partner of UNESCO and our secretariat is based at their headquarters in Paris.



WHO CAN APPLY?

Any engineer or group/corporate team of engineers having shown outstanding accomplishment in innovation, e.g. by solving a difficult problem in the industrial sector, making a major applied research breakthrough, developing a completely new technology or finding a new and unexpected use of an existing one.

EVALUATION PROCESS AND CRITERIA

- The WFEO Award Committee members (6 WFEO representatives from as many countries, and a representative from Khatib&Alami) will individually assess the candidates.
- The overall assessments will be collected by the Chair of the Award Committee, Eng. Mustafa Shehu (Nigeria) with support from the WFEO Secretariat.
- Accordingly to WFEO's Rules of Procedures, art. 3.1, the Chair of the Award Committee will make an awardee recommendation to the WFEO's Executive Council, which will make the final decision.

The Award Committee will be looking for projects or products meeting as many of the following criteria as possible:

- Original technology or existing technology application, out-of-the-box concept
- Level of technical and scientific complexity of candidates main project/product
- Social impact and benefits for the public and the economy
- Industrial/replication capabilities

TIMELINE FOR THE 2018 AWARD

- April 18 : WFEO issues the call for nominations through its member organizations and network
- July 15: nominations deadline
- July 25: the Chair of the Award Committee reports on the candidates and proposes an awardee
- July 30: the Executive Council final decision is announced by WFEO President.
- October 22: awarding ceremony at WFEO Executive Council Gala Dinner in London



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Nomination Form (to be completed in English language only)

A. Background Data for the nominated engineer or team of engineers

1. Name of the Individual (or group)
 - i. Name in Full
 - ii. Date of Birth
 - iii. Present Position
 - iv. Educational Background
 - v. Contact email address

2. Address

1. Main Technical Field of Activity

2. Description and Background of the Applicant (Individual or Group)
(max one page)

B. About the Product or Service for which Award is being proposed



1. Brief on Product or Service based on which Award is being proposed (max two pages)

2. Impact of Product or Service to the Global Community (max one page)

3. Proposed Business Plan (if available)

4. Level of Commercialization attained

C. About the Nominating Person or Institution



World Federation of Engineering Organizations
Fédération Mondiale des Organisations d'Ingénieurs
50th anniversary



1. Nominating person's (or Institution's) Name and Address

2. Nominating person's (or Institution's) Signature and Date



D. Supporting Letters

Letters from no more than four individuals whose names and contact emails must be listed below:

- | | |
|----------|----------|
| 1. _____ | 3. _____ |
| 2. _____ | 4. _____ |

- E.** If your nominee is not selected and you would like him/her considered on a future occasion, please tick the box. ☐

Transmit, as attachments to one or more emails, this form, supplemental sheets, photographs, supporting letters and documents, all in English and in PDF format to:

secretariat@wfeo.org
