

### Project Content (suggested):

- Value-added Concept
- Benefits to Society and Environment
- Explanation of the Working Principles
- Listing of the Materials Used
- Demonstration / Modeling
- Production Process (if necessary)
- Business Plan to Address Market Potential

### Judging Panel:

- Senior Executives of JEC
- Industry Professionals
- Academic Professionals

### Selection Criteria:

- Vision and Sustainability (30%)
- Conceptual Design (30%)
- Commercial Viability (20%)
- Communication Skills (20%)

### Awards & Recognition:

- ➔ **Gold Award:** HK\$55,000 and trophy for the team, certificates for individuals
- ➔ **Silver Award:** HK\$30,000 and trophy for the team, certificates for individuals
- ➔ **Bronze Award:** HK\$15,000 and trophy for the team, certificates for individuals

\* Outstanding students may be considered for a job interview

\*\* Any projects previously won are restricted in this Award

### Useful Information:

Please visit [www.hk.jec.com](http://www.hk.jec.com) for more information

### Application Procedure:

Submit a maximum 5-page Project Proposal in A4 size, together with JEC OEPA Application Form to: [oepainfo@jec.com](mailto:oepainfo@jec.com) before 1<sup>st</sup> February 2013.

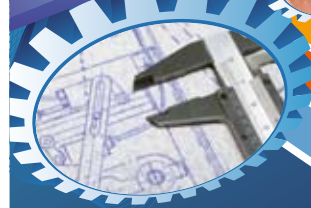
Application form is available at [www.hk.jec.com](http://www.hk.jec.com)

**Application Deadline: 1<sup>st</sup> February 2013**

**Enquiry and submission:** [oepainfo@jec.com](mailto:oepainfo@jec.com)

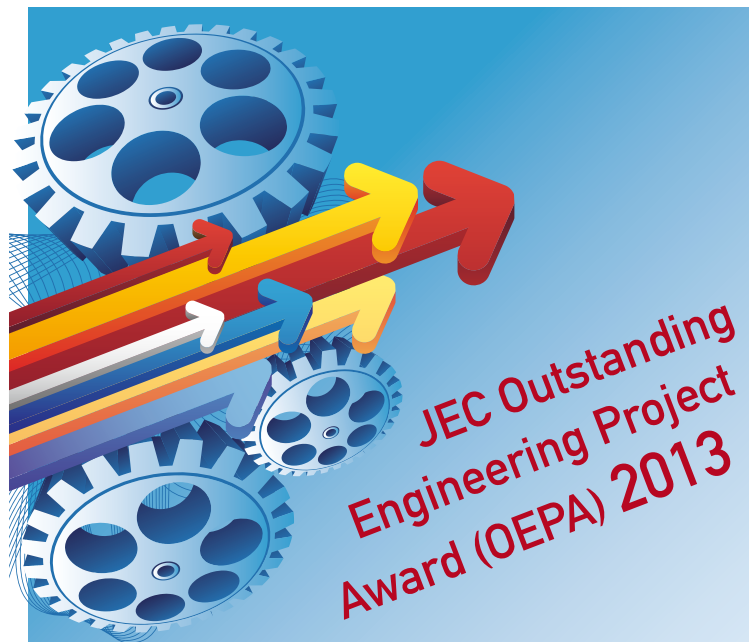
 A member of the Jardine Matheson Group

JEC



## JEC Outstanding Engineering Project Award 2013

5 years +  
商界展關懷  
caringcompany  
Awarded by The Hong Kong Council of Social Service  
香港社會服務聯會頒發



## JEC Outstanding Engineering Project Award (OEPA) 2013

### About Jardine Engineering Corporation

Jardine Engineering Corporation (JEC) is a leading provider of products and services that enhance Asia's built environment. The group provides products & sourcing, engineering contracting, and technical services for buildings, the energy and transport sectors, and environmental infrastructure.

JEC specialises in the provision of electrical, mechanical, and building technologies. The group provides contracting expertise to deliver large-scale installations and ongoing operation and maintenance services which help our customers to operate their facilities to a world-class standard.

Established in Shanghai in 1923, JEC is now headquartered in Hong Kong and operates throughout Asia. JEC is a member of the Jardine Matheson Group.

JEC Outstanding Engineering Project Award (OEPA) was first launched in Hong Kong in September 2005. Over the last seven years, students from local universities have participated actively in the competition. The past winning topics were:

- 2006: "Towards Optimized Integrated Building Facility Management and Control"
- 2007: "Energy Conserved Water Heating System"
- 2008: "Economy Class Syndrome Improvement Tool"
- 2009: "Smart Home Living"
- 2010: "Wearable Robotic System for Active Muscle and Joint Training"
- 2011: "Extraction of Renewable Energy in Plumbing Networks"
- 2012: "Float-3D Paradox Project"

This year, we continue to welcome both full-time undergraduate and post-graduate students in the engineering field to participate in the competition. Students can form inter-discipline groups or join members of other universities to participate.

### Eligibility:

Full-time undergraduate or post-graduate students of local universities in any Engineering disciplines, such as follows, to form a team of two to five students to join (Each Participant can join in one team only):

- Manufacturing Engineering and Engineering Management
- Electrical Engineering
- Physics & Material Science
- Electronic Engineering
- Mechanical and Automation Engineering
- Electronic and Computer Engineering

### Selection Process:

Project Proposal Submission (maximum 5 pages)	<b>1<sup>st</sup> February 2013</b>
First-round Presentation	<b>Early March 2013</b>
Publish Result of Finalists	<b>Mid March 2013</b>
Final-round Presentation	<b>Early June 2013</b>
Award Presentation	<b>June 2013</b>



The Jardine Engineering Corporation, Limited  
Outstanding Engineering Project Award (OEPA) 2013

Application Form

Please fill in and return this form with an endorsed project proposal (not more than 5 pages in A4 size) on or before **1<sup>st</sup> February 2013** by e-mail to [oepainfo@jec.com](mailto:oepainfo@jec.com).

**(A) Participants' Information**

<b>University</b>	
<b>Department/Faculty</b>	
<b>Project Title</b>	
<b>Names of Participants</b>	1. (Representative)
	2.
	3.
	4.
	5.
<b>Contact Number</b> (Representative)	

**(B) Supervising Professor (Optional)**

<b>Name</b>	
<b>Email address</b>	
<b>Contact Tel. No.</b>	

Remarks

1. Upon handing in this form, participants are implied to agree with all stated clauses and rules in this award.
2. The project proposal with no more than 5 pages should be submitted together with this application form.
3. Finalists of first round selection will be announced and notified in March 2013. They should submit their final report before the final round presentation. The date of final report submission will be announced later.
4. Should you have any enquiries, please e-mail to [oepainfo@jec.com](mailto:oepainfo@jec.com).
5. All personal information collected will only be used for administration works of this award.

**Project Description: (Maximum 200 Words)**

**Submitted by:**

**Endorsed by (Optional):**

\_\_\_\_\_  
(Student Representative)

\_\_\_\_\_  
(Supervising Professor)

Date:

Date: