

The HKIE Fiesta 2017 – Smart City Model Building Competition Title Sponsor: Urban Renewal Authority

Application Guidelines

Background

The Hong Kong Institution of Engineers (HKIE) and the Business-School Partnership Programme of the Education Bureau are jointly organising the “Smart City Model Building Competition” with the aim of encouraging secondary school students to seek new challenges in their everyday lives, utilise their creativity and innovative spirit, and solve an assigned problem with feasible engineering solutions.

Aims

- To enhance students’ engineering knowledge and skills
- To provide an opportunity for students to show their care towards for their community
- To cultivate students’ interest in the engineering profession
- To understand what engineers do, thus helping students to plan for their future studies

Eligibility

- All full time students from S3 to S5 are eligible to apply
- Each team must include one teacher and three to five students
- Each school can enroll one team only
- All participants must agree to give permission to the HKIE to use their names, images, songs played in the competition for publicity purposes.

Details of the Competition

The organiser will assign a study topic for each team based on their preferences or by a random draw. In developing Hong Kong into a smart city, students are encouraged to identify potential areas in which to enhance their living environment and to come up with feasible engineering solutions to do so. The suggested areas of study include:

- Efficient Transportation System
- Land supply
- Environmental issues
- Infrastructure development
- Green community development
- Efficient energy use

The organiser will assign an engineering professional for each team to act as a facilitator and to provide professional advice throughout the programme. Within their study area, each team of students will be asked to identify a specific problem in the smart city development process, propose their engineering solutions, and build a model of their concept. The organiser will reimburse each team for any spending towards the programme (up to a maximum of HK\$500 per team). Teams must submit all original receipts for reimbursement. The maximum number of participating teams is 15. If the number of applications exceeds this number, participating teams will be selected by random draw. All participating students will receive a certificate of participation upon completion of the programme. The winning teams will be awarded various prizes and invited to showcase their models at the HKIE Fiesta, to be held on Sunday, 11 June 2017.

Selection Criteria

The Panel of Judges will comprise representatives from the Education Bureau and the HKIE. The winning teams will be selected based on their presentation skills and the creativity and the technical feasibility of the model.

Important Notes

- The HKIE reserves the right to make changes regarding the rules of competition, place, time and itinerary without prior notification.
- In case of dispute, the decision of The Hong Kong Institution of Engineers shall be final.
- Substitution or swapping of contestants and change of names or groups will not be permitted after the submission of application forms.
- The HKIE reserves the rights to the usage of any photos taken during “The HKIE Fiesta 2017 – Smart City Model Building Competition” for publicity purposes.
- The personal data provided in this form will be used solely for “**The HKIE Fiesta 2017 - Smart City Model Building Competition**”. You have the right to request access to and correct the personal data as stated in this form in accordance with Sections 18 and 22 and Principle 6 of Schedule 1 to the Personal Data (Privacy) Ordinance.

To make such request, please mail a letter in writing to the address below:

Corporate Communications Section
The Hong Kong Institution of Engineers
9/F Island Beverley
No. 1 Great George Street
Causeway Bay Hong Kong

(On the envelope please write the subject, “**The HKIE Fiesta 2017 - Smart City Model Building Competition**”)

Programme Schedule

28 November 2016 (Monday)	Open for application
6 January 2017 (Friday)	Application Deadline
20 January 2017 (Friday)	Confirmation of participating schools
4 February 2017 (Saturday)	Kick-off Ceremony
11 February 2017 (Saturday)	Meeting with mentors
18 February 2017 (Saturday)	Meeting with mentors
25 February 2017 (Saturday)	Meeting with mentors
11 March 2017 (Saturday)	Mid-term Review
18 March 2017 (Saturday)	Meeting with mentors
1 April 2017 (Saturday)	Meeting with mentors
8 April 2017 (Saturday)	Final Presentation
11 June 2017 (Sunday)	Award Presentation Ceremony

Remarks: The organiser reserves the right to revise the above schedule. Meetings with mentors may take place at participating school venues. Further details regarding the competition will be presented during the Kick-off Ceremony.

The HKIE Fiesta 2017 – Smart City Model Building Competition
Title Sponsor: Urban Renewal Authority
Application Form
Deadline: 6 January 2017

Please fill in the form below and return to fiesta@hkie.org.hk

School name (English): _____

學校名稱 (中文): _____

Address: _____

Tel: _____ **Fax:** _____

Team members' details:

Name (English)	名稱 (中文)	Class	Email	Team
				Captain
				Member
				Member
				Member
				Member

Preferred study area: [Can choose more than 1]

<input type="checkbox"/>	Efficient transportation system	<input type="checkbox"/>	Land supply
<input type="checkbox"/>	Environmental issues	<input type="checkbox"/>	Infrastructure development
<input type="checkbox"/>	Green community development	<input type="checkbox"/>	Efficient energy use

Details of the Teacher-in-charge:

Name: _____ **Email:** _____

Tel: _____ **Mobile:** _____

School Chop:

Signature of Principal: _____

Name of Principal: _____

Date: _____

If you have any enquiries, please feel free to contact Ms Polly CHAN (Tel: 2830 9070 or email: fiesta@hkie.org.hk).

For Official Use:

Contest school number:

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