

2017 APEC Design Contest Rules

Hosted by: APEC, Ministry of Economic Affairs

Organized by: Metal Industries Research & Development Centre

I. Contest Schedule

(1) Registration Date:

Summary Registration Deadline: **July 20**, 2017 (end of online registration)

Submission Deadline: August 15, 2016 (end of uploading entries)

(2) Announcement of Final Selection Results: before September 15, 2017.

(3) Award Ceremony: October 17, 2017

II. Design Guidelines

A. Theme Description

Theme A : Metal Dechnology(Design + Technology) :

Metal design & technology enrich your life

Description:

1. Scope of Work: The entry should apply the characteristics of metal materials (including steel, stainless steel, aluminum, magnesium, titanium, gold, silver, bronze, tin, and all sorts of alloys). Composite materials, namely, the combination of metals and other materials (e.g. woods, stones, ceramics, etc.) are acceptable; however, metal materials shall take up more than 50% of the entry in volume.

a creative concept of an ideal futuristic lifestyle for humans to design daily products in accordance with the idea, “Environment Protection, Innovative Technology.”
2. Innovation theme: culture presentation for members economics of niche; special design for convenience or antibacterial material for health or cultural ingredient for daily life.
3. Application Scenario: The range of daily products includes dining room accessories, kitchenware, bathroom accessories, home decor, stationery, gifts, vehicle-related tools, etc.
4. Strategy: Learning for current curriculum or collaboration with industry or new innovation from research and development.
5. The volume of the entry should be in principle smaller than 100cm×100cm×100cm.

Note: please be noted that if the winner agrees, we will help to commercialize his/her ideas with the limit of the dimension which is less than 100cm*100cm*100cm.

6. The competition entry should be designed later than January 1, 2017.

Theme B : Green Vehicle :

Green Vehicle Concept Design for Urban Use

Description:

1. Scope of Work: a) Describe local urban transportation problem, and identify the opportunities to use micro EV to improve transportation efficiency; b) To use ICT plug & play technology to improve safety and convenience; c) To present niche features and innovative concepts on the vehicle profile.
2. Urban Micro EV Innovation Theme: Better methodology to identify urban transportation improvement opportunity by using ICT plug & play smart technology, concept vehicle with member economies features and innovations.
3. Application scenario: ICT plug & play categories for better urban driving with intelligent safety, convenience, and communication package (please refer to *(1)~(3))
 - (1) Google's Self-Driving Car Project
<https://www.youtube.com/channel/UCCLyNDhxwpqNe3UeEmGHI8g>
 - (2) The future of ICT <https://www.youtube.com/watch?v=GpJ36KzHJG4>
 - (3) Connected Vehicles <http://www.swri.org/4org/d10/isd/ivs/coop-systems.htm>
4. Strategy and Effectiveness (outcome or impact): Based on provided micro EV chassis (as a reference below *2 or use local chassis) to implement ICT (Plug & Play) technology for better safety, intelligence, and convenience; to start to describe local urban transportation problem, to find a local scenario for transportation efficiency improvement, and to design an innovative concept for vehicle usage profile.

B. Qualifications :

1. Students holding proofs of student status from all colleges and universities in the member economies of APEC (incl. new graduates/master students/PhDs).
2. The lead creator should be a student. Associated creators can be the supervising professor or non-students status.
3. Cross-department cooperation is preferred.

4. You may register as an individual participant or with a team. Each entry can have six creators at most. The team may include a supervisor, who cannot act as the lead creator. Furthermore, for Theme A, at least one of the team members shall be student; for Theme B, at least one half (incl.) of each team creator should be composed of students.

C. Registration Fee : Free of charge

D. Information of Registration :

1. All participants have to register online (student ID/student enrollment or other related document to identify student status should be as attachment).

2. Registration URL : <http://taismeoip.apec.org>.

3. Contact Person for Registration

(Theme A) Ms. Chen E-mail: yea217@mail.mirdc.org.tw;

rinal102@mail.mirdc.org.tw

(Theme B) Mr. Huang E-mail: chialung@mail.mirdc.org.tw

4. Please fill in all fields and upload the relevant documents in order to complete the registration procedure. If it is a team registration (maximum six people), please appoint the lead creator and a contact person.

5. You may attend the contest after finishing procedure of registration. Please submit your competition entry before the deadline.

6. Each participant or each participating team can only register for one competition entry.

7. The organizer will inform you of your registration number after you have finished registering, which means that your registration is successful. If you do not receive any notification, please contact the contact person for registration.

8. If a team competition entry wins, team leader will be the first priority to receive prize. The rest of the team will not be awarded. If the leader cannot attend the ceremony, he/she may assign one of the team members to attend on his/her behalf.

E. Documents and Entry Submission: Please follow the instructions on the website to submit your documents and entry. Submission data should include, but not limit, as follows.

1. Profile : Individual or team registration/ leader Creator/ team members/ supervising professor/ contact person/ APEC member economies / school name/ name of your department/ phone number/ E-mail/ correspondence address/ student enrollment or student ID scan.

2. Design Drawing :

Theme A: Two image files of your entry (one digital file of the design drawing presenting the exterior and one digital file of the pictorial drawing) (JPG file, resolution 300dpi).

Theme B: Two to four image files of your entry (at least one digital file of the design drawing presenting the exterior and one digital file of the scenario drawing) (JPG file, resolution 300dpi)

3. Written Description of Your Entry: The written script of your entry' description. You should use English and graphical representation to describe your entry (in word & pdf format respectively), and the description should not be more than 500 words. The content of the fields includes:

- a. Entry Name
- b. Summary
- c. Description
- d. Innovation theme
- e. Application Scenario
- f. Strategy

4. Description of Film or Animation Entry(**not necessity**): The length of the film should be within 90 seconds (incl.). The format has to be video file formats or animation such as mp4, avi, MPEG. Please provide the link for the judges after you have uploaded your entry to a free cloud storage site.

(Upon receiving the uploaded documents, drawings, films or animations, the organizer will send an email to the participant to confirm receipt of submission. If you do not receive any email, please contact us for any inquiries.) **It is not the necessary document/data.**

III. Appraisal Method

- A. Assessment Date: Preliminary assessments will be during the first half of August, and the final scoring will be in September.
- B. The judges may covers scholars, experts or policy makers mainly from the APEC member economies. 7 judges will be invited for each theme; namely, a total number of 14 judges for the contest.
- C. Assessment Criteria

Theme A : Metal Dechnology

1. Creativity (40%): The level of creativity in the innovation of the application of the metal material, exterior design, practicality, and expression of local culture, etc.

2. Feasibility (40%): The feasibility for the manufacturing technology and mass production, product regulation compliance, and economical benefits.
3. Market acceptance (20%): The level of conformity with the themes green and technology, as well as market acceptance.

Theme B : Green Vehicle—

1. Innovation (40%): The level of technology innovation for the plug & play function, vehicle positioning innovation, operation mode innovation, structural design/material application innovation or other functional innovations as the next generation metropolitan application vehicle.
2. Integration of Value Chain (40%): Level of integrating local member economies or other APEC member economies' Micro EV auto-parts suppliers and level of value creation caused by integration.
3. Market acceptance (20%): Level of meeting the potential demands of a single or multiple member economies' markets.

D. Amendment (TBD)

1. For fairness, judges shall not assess the work submitted by their own member economy.
2. The judges include scholars, experts or policy makers from the hosting and sponsored economies (2 judges for each in principle). Hosting and the member economies' contact windows will request the hosting organization, as well as sponsored member economies, to assign 2 judges respectively within the time limit.
3. Provide assessing items and scoring method.
4. Inform each member economy's judge regarding the assessing items and method, collect opinions, review and make the final confirmations. Inform judges of the scoring method.
5. The work will be presented by codes, and a judge's own member economy's work will be displayed as not authorized to evaluate.
6. The hosting organization shall calculate the final scores and inform the judges of the final results.

E. Important Notes

1. All participants' entries must be ensured that there is no event of plagiarism or counterfeit. The participant's eligibility will be canceled if the organizer finds the entry violates the rules listed under the Contest Regulations. For award-winning entries, the given awards and the travel grants will be retrieved and announced publicly. If a third party's loss of interest is caused, the participant must bear all the legal responsibilities without objection.

2. The registration document, design drawing, and video clip must be uploaded before deadline.
3. Within seven working days after registering or handing in the application document, an e-mail of confirmation shall be received. If not, please e-mail or call us.
4. The participant is responsible for the production expense of the entry.
5. As to ensure the judges are fair, except for the entry name, do not make any mark or write the participant name, school name and supervisor's name on all works handed in (including text description, design drawing, model and video clip). The organizer has the right to cancel the eligibility of the participant if violating the above-mentioned rule.
6. If the application document is incomplete or violates the rules, the sponsor will notify the participant to hand in further document. The participant shall hand in the document needed within the deadline. If not, the organizer has the right to announce the entry is unqualified to be accepted.
7. The contest result will be announced on the contest website and the winners will be notified individually.
8. All participants must respect the judges' decision and must not object the result.
9. Due to promotional needs, all participants must, without any terms of conditions, give authorization to the organizer to photograph, publish, write about, and exhibit publicly the candidate applications and publish the candidate applications in different media for promotional purpose. The candidate participants must not object to it and must cooperate and participate in relative activities and provide relative pictures and information.
10. The award money will be given as traveler's checks to the winners or the appointed agents on the day of the finals award ceremony. When receiving the award, the winners must present the personal identification (passport) and fill out the receipt to receive the award money.
11. If the top three winners are unable to attend the award ceremony, the award money will be remitted. The winners must fill out the receipt and wait until the organizer receives the receipt before the money is remitted. However, the associate award (e.g. air tickets and accommodation costs) is regarded as abandonment and cannot be redeemed as cash.
12. All participants registered for the contest are deemed to be fully understood of the Contest Rules and are willing to follow the rules.
13. The organizer preserve the right to adjust the quantity of prizes given depending on the level of the entries.
14. The organizer has the right to revise the Contest Rules. Please refer to the

website <http://taismeoip.apec.org>. for the updated Rules.

IV. Awards

A. Best Creativity Award: 3 Winners

First Prize – US\$ 2,000 and a Trophy

Second Prize – US\$ 1,000 and a Trophy

Third Prize – US\$ 800 and a Trophy

B. Outstanding Award: Numerous Winners – a Certificate

※The prize winners must pay the Income Tax according to the Tax Law of Chinese Taipei.

V. Associated Awards

A. The top three winners will be invited to Chinese Taipei to receive the prizes and attend the APEC forum and workshop. All travel expense and accommodation will be fully subsidized by the organizer. (If the award winner is a team, only the leader or assigned delegate will be subsidized.)

B. The top three winning entries under Theme A will have the opportunities to be commercialized and sold on the market by Chinese Taipei's famous distributor.

VI. Intellectual Property

A. The intellectual right of the entry belongs to the participant/creator of the entry. Without the participant/creator's authorization, the entry must not be plagiarized, counterfeited, or copied.

B. All participants' entries must be ensured that there is no event of plagiarism or counterfeit. If a third party's loss is caused, the participant must bear all the legal responsibilities.

C. If the sponsor receives a report that the entry is a case of plagiarism or counterfeit and, if it is found to be true, the given awards and the trophy/certificate will be retrieved and announced publicly.

VII. Remarks

A. The demonstration is solely for display purposes, and the items on display are in no way endorsed by APEC

B. APEC will not be held liable for any and all losses, damages, rights claims and actions of any kind resulting from the outcomes arising from the contest.