Net Zero Tech International Contest @ Taiwan 2024 淨零排放科技國際競賽

Finals Rules

- I. Time: 09:00-17:00 on Wednesday, August 21st, 2024
- **II. Location: National Taiwan University Sports Center**

(No. 29, Section 2, XinHai Rd., Da'an District, Taipei City, 106319 https://maps.app.goo.gl/vui3Uy17HqQP)

III. Registration:

- 1. Time: 07:30-08:30
- 2. Procedure:
 - (1) Verify the identifications.
 - (2) Update presentation file before 08:50
 - (3) Collect the documents: Badges, Finals Handbook (one for each team).

IV. Briefing and Work Demonstration:

- 1. The presentation order will be determined by serial number, please see the schedule below
- 2. International Contest

12 mins per team (6 mins for briefing + 6 mins for demonstration)

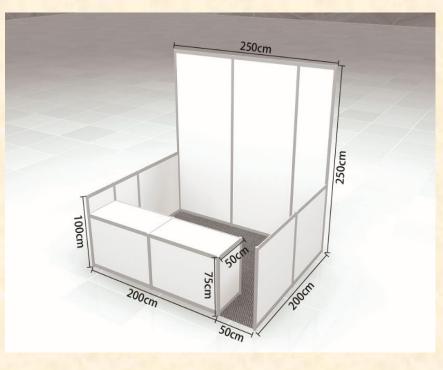
- (1) The presentation is divided into four sessions of four to six teams, as listed in the table below.
- (2) Briefing are limited to 6 minutes. After the briefing of each session, the jury will move to the display area of the first session in order, and each demonstration is limited to 6 minutes.
- (3) Bell prompt: (briefing and demonstration are the same)
 - A. The first time: 5 minutes (ring once).
 - B. The second time: 6 minutes (ring long twice). End of briefing or demonstration.
- (4) At the end of each session of the team's demonstration, the next session of the team's briefing will take place.
- (5) Traveling time from stage to display area is excluded.

3. Main Contest

13 mins per team (8 mins for briefing + 5 mins for demonstration)

(1) Briefing and demonstration will be held in the display area. Teams are required to bring their own Laptop and provide 8 copies of paper presentation, each team will have 8 minutes for briefing and demonstration, and 5 minutes for Q&A.

- (2) Bell prompt: (briefing and demonstration are the same)
 - A. Briefing and demonstration: ring once at 7 minutes for first prompt, and ring twice as second prompt at 8 minutes to end briefing.
 - B. Q&A: ring once at 12 minutes for first prompt, and ring twice as second prompt at 13 minutes to end Q&A.
- (3) According to the rules of the contest, the advisor may make a speech or additions (but the juries will try to assign students to answer the questions).
- (4) Advisor of teams that have won an award in the previous year will needs to emphasize the technical innovation and differences of their work.
- 4. The emcee will preside and control the time in accordance with the rules of the contest, and the jury members will carry out the judging work in accordance with the ringing of the bell and the emcee' curtain call.
- 5. The time will start as soon as the presenter declares the team number and the name of the entry.
- 6. Briefing and demonstration are open for public.
- 7. Presenting language: English in International Contest; Mandarin in Main Contest
- 8. Work Setup and Display
 - (1) Setup Time: 15:00-17:00, Monday 20 August
 - 07:30-09:00, Tuesday 21 August
 - (2) Display Area:
 - A. Display area 250cm (w) × 200cm (d) × 250cm (h)
 - B. Table 200cm (w)× 50cm(d)× 75cm (h) (%bearing capacity 20kg limited)
 - C. Work display poster 230cm (w) × 150cm (h) (Content is provided by each team following the event rules. The layout of the posters is unified by the event organizer.)
 - D. Display only permits at regulated area.



Display model

V. International Contest Time schedule

| Order | | Briefing (6 mins) | Demonstration & QA (6 mins) | |
|--|----|----------------------------|-----------------------------|--|
| A REAL PROPERTY. | 1 | 09:10-09:16 | 12.0.64 | |
| 11 12 12 12 12 | 2 | 09:17-09:23 | | |
| Session 1 | 3 | 09:24-09:30 | 09:53-10:30 | |
| (6 teams) | 4 | 09:31-09:37 | 09.55-10.50 | |
| The second | 5 | 09:38-09:44 | | |
| | 6 | 09:45-09:51 | | |
| Pause | | 10:30-10:40 (10 mins) | | |
| 1 | 7 | <u>10:41-10:47</u> | | |
| | 8 | 10:48-10:54 | | |
| Session 2 | 9 | 10:5 <mark>5-11:</mark> 01 | 11:24-12:00 | |
| (6 teams) | 10 | 11:02-11:08 | 11.24-12.00 | |
| 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | 11 | 11:09-11:15 | | |
| | 12 | 11:16-11:22 | | |
| Lunch | | 12:00-12:50 (60 mins) | | |
| | 13 | 12:51-12:57 | | |
| Session 3 | 14 | 12:5 <mark>8-13:</mark> 04 | 13:20-13:44 | |
| (4 teams) | 15 | 13:05-13:11 | 13.20-13.44 | |
| | 16 | 13:12 <mark>-13:1</mark> 8 | | |

| Order | | Briefing (6 mins) | Demonstration & QA (6 mins) | |
|----------------|----|-----------------------|-----------------------------|--|
| Pause | | 13:44-13:49 (5 mins) | | |
| | 17 | 13:50-13:56 | 14:19-14:43 | |
| Session 4 | 18 | 13:57-14:03 | | |
| (4 teams) | 19 | 14:04-14:10 | 14.19-14.43 | |
| | 20 | 14:11-14:17 | | |
| Scoring | | 14:44-15:30 (46 mins) | | |
| Award Ceremony | | 15:30-17:00 | | |

VI. Main Contest Time schedule

| Order | | Briefing & Demonstration (8 mins) | QA (5 mins) | | |
|-------------------------|----|-----------------------------------|-------------|--|--|
| NO. NO. DOLLO | 1 | 09:10-09:18 | 09:18-09:23 | | |
| | 2 | 09:24-09:32 | 09:32-09:37 | | |
| Session 1 | 3 | 09:38-09:46 | 09:46-09:51 | | |
| (5 teams) | 4 | 09:52-10:00 | 10:00-10:05 | | |
| | 5 | 10:06-10:14 | 10:14-10:19 | | |
| Pause | | 10:19-10:29 (10 mins) | | | |
| | 6 | 10:30-10:38 | 10:38-10:43 | | |
| 1000 | 7 | 10:44-10:52 | 10:52-10:57 | | |
| Session 2 | 8 | 10:58-11:06 | 11:06-11:11 | | |
| (6 teams) | 9 | 11:12-11:20 | 11:20-11:25 | | |
| Des de la contra | 10 | 11:26-11:34 | 11:34-11:39 | | |
| The second second | 11 | 11:40-11:48 | 11:48-11:53 | | |
| Lunch | | 11:53-12:40 (47 mins) | | | |
| No. of Concession, Name | 12 | 12:41-12:49 | 12:49-12:54 | | |
| Occurring 0 | 13 | 12:55-13:03 | 13:03-13:08 | | |
| Session 3 | 14 | 13:09-13:17 | 13:17-13:22 | | |
| (5 teams) | 15 | 13:23-13:31 | 13:31-13:36 | | |
| | 16 | 13:37-13:45 | 13:45-13:50 | | |
| Pause | | 13:50-13:55 (5 mins) | | | |
| | 17 | 13:56-14:04 | 14:04-14:09 | | |
| Session 4 | 18 | 14:10-14:18 | 14:18-14:23 | | |
| (4 teams) | 19 | 14:24-14:32 | 14:32-14:37 | | |
| | 20 | 14:38-14:46 | 14:46-14:51 | | |
| Scoring | | 14:52-15:30 (38 mins) | | | |
| Award Ceremony | | 15:30-17:00 | | | |

VII. Agenda

| Item Time | Program | Contain | International | Main | | |
|---------------------------------|-----------------------------|---|--|---|--|--|
| 07:30-08:30 | Registration | Work Setup and Display | | 4.8 | | |
| 09:10-15:00 | Briefing & Demonstration | International: 12 mins per team Main: 13 mins per team | Emcee 李宗霖 | Emcee 瞿德淵 | | |
| 14:51-15:30 | Display | Scoring by jury members | | | | |
| 15:10-15:40 President's tour of | | of entries | International guide: NTU President Wen Chang CHEN | | | |
| 11000 | 100 | | Main guide: TECO General Manager Thomas FAN | | | |
| | Guest enter | Photo shoot | | | | |
| | Introduce of contest | Video | | | | |
| 15:40-16:00 | Introduce of honor guest | Emcee 李宗霖 | | | | |
| | Remarks of Organizer | TECO technology Foundation Chairman: Chih-Kung LEB NTU President: Wen-Chang CHEN | | | | |
| | | Net Zero Promising Award | Nan Pao Resins Chemical Co., Ltd. | Hua Nan Commercial Bank Ltd. | | |
| | 12.00 | Advanced of Green Energy Award | NTU ARC-GMST | Hotai Motor | | |
| | | Energy-Saving Motor System Award | NTU AIAD | Shiny Chemical Industrial Co., Ltd. | | |
| | Awarding | CPC Smart Energy Award | CPC Corporation | | | |
| 16:00-16:35 | | Second Runner-up | Ministry of Environment | Chen-Yung | | |
| | | First Runner-up | ITRI | Foundation | | |
| | | Champion | TECO Electric & Machinery Co., Ltd. | Fubon Financia Holding Co., Ltd. | | |
| | | ampion with award | President of Taiwan, Chin-te LAI | | | |
| | presenter and re | marks | | | | |
| | Remarks of Presi | ident | | | | |
| 16:35-16:40 | Photo shoot: Wir | nners and President / Gift | | | | |

| | Media conference |
|-------------|---|
| 16:40-17:20 | Popularity Award Announcement |
| - | Award: TECO technology Foundation Chairman, Chih-Kung LEE |
| | Lottery: NTU President, Wen-Chang CHEN |

VIII. Matters of Attention:

- 1. All participants of the contest should wear participation IDs and dress in their school or team uniform.
- 2. Please bring student ID for identification.
- 3. Please use equipment provided by the organizer carefully. Teams shall be liable for all loss or damage.
- 4. Please keep voices down during the competition, any verbal or behavioral obstruction during the competition is strictly prohibited.
- 5. Drinking water is provided. Please prepare your own thermos.
- 6. Drink, smoking and chewing gum or betel nuts are prohibited in the venue.
- 7. Display board and cabinet will be provided by the organizer in the work display area (only for the purpose of work display).
- 8. Dismantling starts after the ceremony. Display posters should be disposed of by the teams (please return the aluminum pole to the organizer).
- 9. Other indiscretions if any are entitled to announcements on site.

Awards Rules

I. Prizes

| Place | | Main Contest | | International Contest | |
|-------|-------------------------------------|-------------------------|-----------------------|-----------------------|-----------------------|
| | | Teams Prize Money (NTD) | | Teams | Prize Money (NTD/USD) |
| 1 | Champion | 1 | 1,000,000 | 1 | 1,000,000/\$30, 793 |
| 2 | First <mark>Runner-up</mark> | 1 | 600, <mark>000</mark> | 1 | 600,000/\$18,476 |
| 3 | Second Runner-up | 1 | 400,000 | 1 | 400,000/\$12,317 |
| 4 | CPC Smart Energy Award | 1 | 200,000 | 1 | 200,000/\$6,159 |
| 5 | Energy-Saving Motor System Award | 1 | 200,000 | 1 | 200,000/\$6,159 |
| 6 | Advanced of Green Energy Award | 1 | 100,000 | 1 | 100,000/\$3,079 |
| 7 | Net Zero Promising Award | 1 | 100,000 | 1 | 100,000/\$3,079 |
| 8-20 | Honorable Mention | 13 | 50,000 | 13 | 50,000/\$1,540 |
| | Total | 20 | 3,250,000 | | 3,250,000/\$100,177 |

II. Notice & Remarks:

- 1. Trophies will be awarded on site; while Certificates will be delivered before 8th Sep 2024.
- 2. Monetary prized will be taxed 20% in accordance to the Taiwan (ROC) tax law.
- 3. All overseas finalist teams in the "International Contest" category will receive at least NT\$100,000 in awards and travel subsidies:
 - (1) Award Mechanism ranging from NT\$50,000 to NT\$1,000,000.
 - (2) Subsidy Program of NT\$50,000.
- 4. Dedicated consultation and services for accommodation and transportation. (Accommodation is reserved by the organizer on behalf of the participants.)
- 5. A two days visiting activities to go to TSMC, ITRI, and natural reserves.

- 6. Insurance will be provided by the organizer throughout the journey to ensure participants' safety during their stay in Taiwan.
- 7. For finalist teams from overseas, at least two members are required to attend the contest in person (other team members can participate online).
- 8. The teams that qualify for the finals of the "International Contest."
- 9. Subsidy Amount: NT\$50,000.
 - (1) Disbursement Method: Cash will be distributed on-site at the final contest on Wednesday, August 21.
 - (2) Claiming Methods:
 - A. Reimbursement based on invoice with tax ID number (00981952) during Aug. 15 - Aug. 21 (such as airfare, accommodation, meal invoices, etc.)
 - B. Reimbursement based on receipts (format to be provided by the organizer). This option includes a 20% tax.