

2023 Presidential Hackathon International Track Handbook

Supervisor: Office of the President

Organizer: Executive Yuan

Implementer: Ministry of Digital Affairs

Executer: Taipei Computer Association

April 2023

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I. Background & Introduction

(I) About the Presidential Hackathon

The Presidential Hackathon International Track debuted in 2019, marking the fifth year of the event. People from all backgrounds, regardless of their age or nationality, are welcome to use open data, technology, and creative thinking to suggest solutions to societal problems that satisfy nations' social and developmental needs worldwide. Additionally, we hope to foster opportunities for cross-border, interdisciplinary, and public-private collaborations so that data owners, data scientists, and specialists from various fields can interact. We invite participants from all over the world to submit innovative ideas for data applications that will improve people's lives and promote new methods of governance.

(II) About the Theme

The Presidential Hackathon International Track is open to global citizens. Following the United Nations' 17 "2030 Sustainable Development Goals" (SDGs), the theme for the 2023 competition is "Free the Future: Open, Digital & Green." The theme is described as follows:

1. **Open** - Entries may foster dialogue and collaboration between teams with diverse identities, values, fields of endeavor, or interests;
2. **Digital** - Entries may encourage the use of information- and data-centered instruments and techniques;
3. **Green** - Entries may advocate for parity between the amount of greenhouse gases produced by humans and the amount of greenhouse gases removed by humans.

Entries must relate to at least two themes, as shown in the following

examples:

- **Digital x Open** - Create a graphical representation of government agency budget information for reference by the general public, and offer suggestions for more efficient spending;
- **Digital x Green** - Compute and manage this organization's greenhouse gas emission data as well as that of affiliated cooperative units;
- **Open x Green** - Create a net-zero emission strategy jointly with local residents and stakeholders;
- **Digital x Open x Green** - Create a graphical representation of diverse greenhouse gas source data for public analysis and suggest net-zero emission strategies.

II. Application Eligibility and Processing

- (I) Anyone may apply. Teams from academia, industries, civil society, the government, the media, and other sectors are encouraged to participate. More importantly, you have a vision and solution for open data that address particular issues.
- (II) The maximum number of team members is 3 to 5. One person may only apply for one team, of which one must be the representative contact person.
- (III) The team should consist of at least one person who is not a citizen of the Republic of China (Taiwan).
- (IV) Teams should complete the online application form on the event's official website (<https://gov.tw/cYQ>) from 9:00 A.M., April 19, 2023 (GMT+08:00) to 5:00 P.M., June 16, 2023 (GMT+08:00) during the application acceptance period. All work contents and relevant documents must be presented in English for an application to be considered complete.

III. Selection Criteria

(I) Feasibility (30%)

1. Specify the reasonability and completeness of the application scenario;
2. Maturity of solutions;
3. Give a general overview of the work and a development plan (including how the work is broken down into work items, which ones have been finished so far, and how long it will take to complete the unfinished work items);
4. Subsequent development planning

(II) Innovativeness (30%)

1. The originality of a practice, analysis method, or technology applied;
2. Benefits and effectiveness in comparison to current solutions.

(III) Influence (40%)

1. Significance of the issue that needs to be resolved;
2. Scope of the target audience;
3. Benefits of the work and extended applications.

(IV) Criteria for additional points:

1. Entries whose conceptualization echoes the 17 SDGs will receive a maximum of 5 points;
2. Entries submitted in collaboration with the private sector and government agencies will receive a maximum of 5 points.
3. Entries with multinational verification will receive a maximum of 10 points;

4. The review committee will determine the range of additional points mentioned above.

IV. Event Schedule and Process Detail

(I) Event Schedule (Tentative)

Description	Schedule
Submission period	April 19 - June 16
Initial review and selection	June 19 - June 30
Initial review announcement	Before July 15
Guidance period	Mid-July to the end of August
Final review	Before the end of September
Awarding ceremony	September-October

(II) Other Descriptions

Please take note of the schedule and announcements for the various activities, as the organizer may make adjustments as needed. Relevant schedule information will be posted on this event's official website.

V. Awards Mechanism

(I) For Finalists

1. Engage in mutual learning and exchanges with international hackathoners.
2. Guidance materials are available for professional mentors at no cost:
 - (1) One-on-one companion guidance;

- (2) Assistance in inventorying required technologies and introduction to technical consultants for guidance;
- (3) Facilitating connections between the public and private sectors;
- (4) Aiding in completing field validation.

(II) For Teams of Excellence

1. Invitation to display outstanding proposals at the Office of the President
2. The president personally hands out certificates and trophies.
3. Free air tickets and accommodation for those invited to visit Taiwan (Taipei or other cities) (up to two persons per team).
4. Engage in exchanges with public and private sectors in Taiwan that demonstrate the potential for collaboration.

VI. Event Website and Contact Information

You can download and view the solicitation guidelines, application form, and related information on the event's official website. Competing teams are urged to take note of the most recent website updates. For inquiries, please get in touch with ph.intrack@gmail.com or call +886-2-2577-4249 ext. 387, 239. We will assist you as soon as possible!

VII. Notes

- (I) Please review the Handbook, Personal Information Collection Notification, Personal Information Consent Form, and the executive unit's various regulations before submitting a team application. By submitting the application form, the team is deemed to have accepted the sponsor's rules and requirements.

- (II) Please maintain a copy of all data submitted with your application. After reviewing the data, the organizer will keep them for future reference and not return them.
- (III) Team entries are collective works. In the event of any of the following, the team and individual will be held legally liable, and the organizer may revoke their eligibility to participate:
1. Those whose works have been reported or informed to have been done by others with factual details, as well as those whose rights, including intellectual property rights, have been violated.
 2. The content contains obscenity, violence, pornography, defamation, racial discrimination, and other offensive material that violates public order and good social customs.
 3. Those who violate or harm the reputation of another person or a company's goodwill.
 4. The acquisition or use of the information contained in the entries violates applicable personal protection laws.
 5. Those that are mandated or forbidden by other regulations.
- (IV) The intellectual property rights of the team's entries belong to the participating teams or individual members. The distribution of rights is determined within the team, and the organizer has no role in this process. However, the team agrees to allow the organizer and the executive unit to use the work files and related materials submitted by the team for promotional, educational, or other non-profit purposes related to the Presidential Hackathon, including, but not limited to, taking or requesting relevant photographs and dynamic images from participating teams to document related activities, and using, editing, printing, displaying,

promoting, reporting, publishing, or publicizing participation results, personal portraits, names, and voices, etc. Participating members shall only exercise the author's personality right against the sponsor if the author's personality is slandered.

- (V) An entry must be substantially altered (by at least 50%) if it has been previously sold or has won awards in other competitions. The organizer retains the right to revoke the entry, the award distribution, or the award eligibility if the executive unit determines that the degree of modification is less than 50%.
- (VI) Participating team members' personal data may be collected, processed, and used to manage applications submitted, identity verification during the event, contact with participants, broadcast information related to the Presidential Hackathon, and related administrative purposes. As long as it is necessary and appropriate for the aforementioned purpose of collection, the organizer may continue to broadcast and use Presidential Hackathon-related information until the aforementioned purpose of collection no longer exists.
- (VII) Applicants are expected to provide extensive identifying data, and fraudulent use or misappropriation of third-party data is prohibited. If a participant provides any information that is untrue or incomplete, the event organizer and/or executive unit may revoke their participation in the event. The team and the individual will be held legally responsible for any harm done to the relevant rights and interests of the organizer, the executive unit, or a third party.
- (VIII) All teams that pass the preliminary selection phase must collaborate with the sponsor and executive unit to participate in guidance, practical results

demonstration, commendation, media publicity, and other promotional activities, display their work, and conduct subsequent benefit tracking.

- (IX) Suppose there are any disputes regarding the division of labor or the allocation of rights and responsibilities among the participating teams, they should be resolved by the teams themselves, with no involvement from the organizers or executive unit.
- (X) To be eligible for awards, etc., changes to team members must be completed within the time limit specified by the organizer and executive unit. Without the written consent of the event's organizer, executive unit, and other team members, the rights and responsibilities associated with this event cannot be transferred.
- (XI) Suppose natural disasters or other events of force majeure prevent this event from taking place during the event period, the organizer reserves the right to modify the relevant schedule and implementation procedures as needed.
- (XII) Regarding the interpretation and applicability of the Handbook and other regulations, the organizer reserves the right of final interpretation. Disputes will be resolved under the laws of the Republic of China, with the Taiwan Taipei District Court serving as the first instance court.
- (XIII) Teams participating in the event are deemed to have agreed to the Handbook, Personal Information Collection Notification, Personal Information Consent Form, and the executive unit's various regulations. In a dispute, the organizer retains the right of final interpretation. During the event, if there are doubts regarding the applicability of relevant regulations or other unfulfilled matters, the organizer may make modifications or

propose supplementary explanations, which are published without further notice on the event's official website (<https://gov.tw/cYQ>).

VIII. Attachments

(I) Referencing application form content (to be filled online)

1. Team information
 - (1) Name of team
 - (2) Basic information about participating members: name, email address, nationality, and current country (please fill in the first person as the representative contact person)
2. Work details
 - (1) Name of work
 - (2) Introduction to the work
 - (3) Corresponding with the central idea
 - (4) Corresponding with SDGs
 - (5) Intent to resolve the issue and its significance
 - (6) Relevant parties and their respective roles (please emphasize which of the relevant parties are the target users of the solution and why they are selected as the target users.)
 - (7) Description of the solution's functionality (please emphasize how the target subjects will use the solution to illustrate how the issue can be solved)
 - (8) Differences from existing alternatives
 - (9) Anticipated outcome (Please emphasize the quantitative advantages.)

3. Maturity of work

- (1) Developmental stage
- (2) Description of the distinction between the works (If the work has been sold externally, please specify the adjustments made for participating in this competition.)
- (3) Link to the work or display video (Please separate multiples with a semicolon.)
- (4) Current validation field (If there is a public sector, identify and describe.)
- (5) Current verification results (Please emphasize the quantitative advantages.)

4. Future planning

- (1) Work promotion and planning
- (2) Partners negotiated (If there is a public sector, identify and describe.)
- (3) Expected cooperative units

5. Guidance requirements

- (1) Open data requirements
- (2) Requirements for technical or field knowledge
- (3) Requirements for public sector matching (Please describe the type of public sector with which you want to collaborate and the method of collaboration.)

6. Open data sources

- (1) Use open data sources (Please separate multiples with a semicolon.)

- (2) Recommendations for modifications to open data (If the work utilized Taiwan's open data, please provide suggestions.)
- (3) Provision of open data (If the work utilized Taiwan's open data, provide the link to the compiled open data for access by others and separate multiples with a semicolon.)

(II) Personal Information Collection Notification & Personal Information Consent Form

On behalf of the Ministry of Digital Affairs, Taipei Computer Association (“TCA”) holds the event based on the Project of 2023 Presidential Hackathon International Trac (“the Project”). According to the Personal Data Protection Act (“the Act”) and TCA’s privacy and confidentiality policies, we hereby inform you about the TCA’s privacy practices and describe the disclosure of various personal data we may collect, use, and store from you for your participation of this event (“the personal data”). By signing the form (or clicking “I Agree”), you agree to the following:

1. The personal data we collect from you includes your name, gender, email address, phone number, mobile phone number, physical address, personal ID, nationality, passport number, job information, etc.
2. The personal data shall be used for the following purposes: Within the scope of the Project, to provide the notification of services, such as to establish the event confirmation, identity verification, to transmit event or related industry information, or to be used for internal data statistics and analysis.
3. Within the scope of the Project, TCA may operate its business, provide services and share information with private entities or related government agencies.
 - (1) TCA shares personal data only as Article 1 and 2 described to the above third parties that are either subject to this “Privacy Policy Consent to Provide of Personal Data” contract or a privacy policy at least as enforceable as effective as the “Privacy Policy Consent to Provide of Personal Data” contract.

- (2) The personal data shall be available to such parties stated above within Taiwan's jurisdiction until the completion of the aforementioned collection purposes.
4. In accordance with Article 3 of the Act, you may make an inquiry and review, request a copy, supplement or correct, demand the cessation of the collection, processing or use, and erase the personal data. Whether you request to delete the information or opt-out of receiving emails, TCA reserves the right to communicate with you via email for identity verification, necessary contact confirmation, notices, or changes arising out of or related to this event. To protect mutual rights and interests, TCA will retain the communication history of your deleting request as a record for future reference.
 5. Please make sure the personal data on record is correct. Therefore, you have a choice whether or not to provide personal data; however, if you fail to provide specific personal data, some features or functionality of this event and the following ones in the future shall become unavailable to you. Unavailable services may include, but not limited to, receive important event notices, customer services, ordinary contact, promotional email, and participate-related activities.
 6. Please get in touch with us during our office hours if you need additional assistance or the aforementioned requests. Contact information:

Office hours: Monday through Friday

9:00 A.M. – 6:00 P.M. (GMT +08:00)

Phone:+886 (02)2577-4249 ext.387

I have read and acknowledged the above circumstances and agree that the personal data provided can be collected, processed, and used, as stated above.