

# 2024 Presidential Hackathon International Track Handbook

Supervisor:	Office of the President, ROC (Taiwan)
Organizer:	Executive Yuan
Implementer:	Ministry of Digital Affairs
Executer:	Taipei Computer Association

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## **I. Background**

### **(I) Origin of the Event**

The Presidential Hackathon, initiated by the Office of the President in 2019, is now in its 6th edition. This event invites individuals from diverse backgrounds, irrespective of age or nationality, to leverage open data, technology, and creative thinking in proposing compelling solutions for public issues that impact global and national development. It aims to cultivate opportunities for international, interdisciplinary, and public-private collaborations, facilitating the exchange of ideas among data owners, data scientists, and experts across different domains. Participants worldwide are encouraged to propose innovative data-driven solutions aimed at improving public welfare and fostering governmental innovation.

### **(II) Theme Explanation**

The 2024 Presidential Hackathon International Track invites global citizens to participate under the theme “Digital and Green: Next-Generation Public Infrastructure”. This theme aligns with the United Nations' 17 Sustainable Development Goals (SDGs) for 2030. It seeks innovative solutions that integrate digital, ICT, and net-zero sustainable technologies applied to digital public infrastructure and services. Examples include using digital tools to collect, manage, and visualize greenhouse gas emissions data, providing the public with analyses and recommendations for net-zero practices, upgrading public services with emerging communication technologies, enhancing various applications and services for remote areas, speeding up disaster alert message delivery, and emphasizing cybersecurity measures to improve digital disaster response capabilities.

## II. Eligibility and Procedures

- (I) Anyone can apply. Teams are encouraged to consist of members from academia, industry, civil society, government, and media. Teams should possess a vision and solution for solving specific problems using open data.
- (II) Teams should have 3 to 5 members, with each person only allowed to join one team, and one member designated as the contact representative.
- (III) At least one team member must be a non-Republic of China (Taiwan) national.
- (IV) Teams must apply during the registration period from 9:00 AM (GMT +08:00) on June 17, 2024, to 5:00 PM (GMT +08:00) on August 18, 2024, by filling out the online application form on the official event website (<https://gov.tw/cYQ>). All project content and related documents must be submitted and presented in English.

## III. Selection Criteria

### (I) Feasibility (30%)

- 1. Rationality and completeness of the proposed application scenario
- 2. Maturity of the solution
- 3. Overview and development plan of the work (eg., breakdown of tasks, completed tasks, estimated time for unfinished tasks)
- 4. Future development plans.

### (II) Innovation (20%)

- 1. Uniqueness of the applied technology, analysis methods, or approaches
- 2. Benefits and efficiency compared to existing solutions.

### **(III) Social Impact (20%)**

1. Importance of the problem to be resolved
2. Scope of the target audience
3. Benefits of the work and potential for future applications.

### **(IV) Implementation and Verification (30%)**

1. Progress and completion status of the implementation between the kickoff of the competition until final review
2. Participants in the final review must provide a system demo or code design description.

## **IV. Event Schedule and Process**

### **(I) Event Schedule**

<b>Description</b>	<b>Period</b>
Submission Period	June 17 (Mon) - August 18 (Sun)
Preliminary Review	August 23 (Fri) – September 1 (Sun)
Preliminary Results Announced	By September 11(Wed)
Mentorship Period	From the mid-September to end-October
Final Review	By the end of October
Awards Presentation Ceremony	Late December

### **(II) Other Notes**

The Organizer may adjust the schedule as needed based on actual circumstances. All updates will be published on the official event website, so teams should closely monitor for announcements.

## **V. Rewards**

### **(I) Teams Advancing from Preliminary Selection**

1. Opportunities for learning and exchange with international

participants.

2. Free professional mentorship resources, including:

- (1) 1-on-1 guided mentorship
- (2) Assistance in identifying needed technologies and introducing appropriate technical consultants
- (3) Facilitation of public-private sector collaboration
- (4) Support for field validation

## **(II) Outstanding Teams**

1. Invitation to present outstanding proposals to the President at the Office of the President.
2. Certificates and trophies personally awarded by the President (tentative).
3. Free airfare and accommodation to visit Taiwan, with tours arranged in Taipei or other cities (limited to 2 members per team).
4. Opportunities for collaboration with potential public and private sector partners in Taiwan.

## **VI. Event Website and Contact Information**

For submission guidelines, application forms, and related information, please visit the official event website. Teams should keep an eye on the latest updates and emails sent by the competition organizer. For inquiries, please email customer service at [ph.intrack@gmail.com](mailto:ph.intrack@gmail.com) or call +886-2-2577-4249 ext 387, 268. We will respond as soon as possible.

## **VII. Important Notes**

- (I) Before registering, teams must thoroughly review the submission guidelines, personal data collection notification, consent form for providing personal data, and regulations of the Organizer/executing

unit. Submitting the application form indicates your agreement to these rules and requirements set forth by the Organizer.

(II) Teams are advised to back up their submitted materials as they will be retained by the Organizer for future reference and will not be returned.

(III) Entries must be the original work of the team. The Organizer reserve the right to disqualify any team and individuals involved if:

1. Reports or accusations with concrete evidence that the work was outsourced to others or involved infringement of intellectual property rights.
2. The content includes obscenity, violence, pornography, defamation, racial discrimination, or violates public order and good morals.
3. Actions that infringe or damage the reputation of others.
4. Violation of personal data protection regulations in the acquisition or use of data related to the competition work.
5. Any other legally mandated prohibitions.

(IV) The intellectual property rights of the competition entries belong to the team or individual members. The distribution of rights within the team is to be decided internally, with no involvement from the Organizer. However, by submitting their work, participating teams grant the Organizer and executing units a free license to use the submitted files and related materials for promotion, education, or other non-profit purposes related to the Presidential Hackathon. This includes recording related activities, using, editing, printing, displaying, promoting, reporting, publishing, or publicly disclosing the entries, personal images, names, and voices of participants. Participants may not exercise moral rights against the Organizer unless it involves

defamation.

- (V) If an entry has been sold or won awards in other competitions, it must be modified by at least 50% to be eligible for this competition. If the executing unit determines that the modification does not meet the 50% requirement, the Organizer reserves the right to disqualify the entry, withdraw any awards, or revoke eligibility.
- (VI) To facilitate registration management, identity verification during the event, event communication, and administrative operations, the Organizer may collect, process, and use personal data of the team members. The Organizer may continue to use personal data within the reasonable scope necessary for promoting the Presidential Hackathon and will use it until the aforementioned purpose no longer exists.
- (VII) Registration must include accurate personal data, and the use of a third party's personal data is prohibited. Any false or incorrect information may result in disqualification from the event. In cases where the Organizer, executing units, or third parties incur damages as a result, the team and individuals responsible will be held liable for the relevant legal responsibilities.
- (VIII) Teams advancing from the preliminary selection must cooperate with the Organizer and executing units in participating in mentorship, implementation result presentations, commendations, media promotions, and related promotional activities. They must also display their works and participate in follow-up benefit tracking.
- (IX) Disputes or questions arising from the division of labor or rights and obligations within the team must be resolved internally without involving the Organizer or executing units.
- (X) To ensure team members' eligibility for rewards, any changes in team



members must be completed within the time specified by the Organizer and executing units. Rights and obligations of the event cannot be transferred without written consent from the Organizer, executing units, and other team members.

- (XI) If natural disasters or other force majeure events impact the event, the Organizer reserves the right to adjust the schedule and implementation methods as needed.
- (XII) The submission guidelines and regulations are subject to the final discretion of the Organizer for interpretation and application. Any disputes arising will be resolved according to the laws of the Republic of China, and the Taipei District Court shall serve as the court of first instance.
- (XIII) Participation in the event indicates agreement with the submission guidelines, personal data collection notification, consent form for providing personal data, and the Organizer' regulations. In the event of any disputes, the Organizer reserves the right of final interpretation. If there are any ambiguities or unaddressed matters regarding the relevant regulations during the event, the Organizer and executing units may modify or provide supplementary explanations based on the actual situation. These will be announced on the official event website (<https://gov.tw/cYQ>) without additional written notification.

## **VIII. Attachments**

### **(I) Application Form Contents Reference (Online Submission Required)**

#### 1. Team Information

##### (1) Team Name

- (2) Basic information of participating members: name, contact email, nationality, biological gender and current country of residence (please list the contact person first)

## 2. Project Information

- (1) Project Name
- (2) Project Introduction
- (3) Corresponding SDGs
- (4) Problem to be resolved and its importance
- (5) Related stakeholders and their roles (highlight which stakeholders are the target audience and why they were chosen)
- (6) Description of solution functions (explain how the target audience will use the solution and how the problem will be solved)
- (7) Differences from existing solutions
- (8) Expected benefits (emphasize quantifiable benefits)

## 3. Maturity of the project

- (1) Development stage
- (2) Explanation of project adjustments (if the project has been sold externally, specify adjustments made for this competition)
- (3) Project link or demonstration video (if there are multiple, separate with "-")
- (4) Existing validation fields (indicate and explain if involving public sectors)
- (5) Existing validation results (emphasize quantifiable benefits)

## 4. Future plans

- (1) Project promotion/marketing plans

- (2) Engaged collaboration units (indicate and explain if involving public sectors)
  - (3) Future planned collaboration units
5. Mentorship needs
- (1) Open data needs
  - (2) Technical or domain knowledge needs
  - (3) Public sector matchmaking needs (explain the type of public sector cooperation desired and how it should be implemented)
6. Open data
- (1) Use of open data sources (if multiple, separate with “-”)
  - (2) Suggestions for modifying open data (if using Taiwan’s open data, provide suggestions for modifications)
  - (3) Provision of open data (if using Taiwan’s open data, provide organized links for others to use, if multiple, separate with “-”)
7. Open Source Software Design (Does Not Affect Project Score)

To encourage open-source innovation and cross-disciplinary talent development, we encourage the use of open-source software to give back to the community and revitalize the open-source ecosystem.

- (1) Does the project use open-source software for application design?
- (2) If so, what percentage of the project uses open-source software?
- (3) Is the project willing to allow for open source use in the future?

## **(II) Personal Data Collection Notification and Consent Form**

The Ministry of Digital Affairs has commissioned the Taipei Computer Association to execute the 2024 Presidential Hackathon International Track (hereinafter referred to as this Project). In compliance with the Personal Data Protection Act and related regulations, the following is provided before collecting your personal data. By selecting “I agree”, you acknowledge that you have read, understood, and agreed to all contents of this consent form:

### **1. Purpose and Category of Collection**

The purpose of collecting your personal data is for conducting statistical analysis related to this project. The categories of personal data that will be collected include your name, gender, email address, phone number, mobile number, mailing address, ID number, nationality, passport number (if applicable), and work-related information.

### **2. Duration, Area, Target, and Method of Use of Personal Data**

Your personal data, unless involving international business or activities, will be utilized by this Agency (entity) within the Republic of China and within the necessary and reasonable scope for the purposes mentioned above until these purposes cease to exist.

### **3. Exercise of the Rights of the Data Subjects**

According to Article 3 of the Personal Data Protection Act, you may request the following from the Project executing unit: inquiry or review of your personal data, provision of a copy of your personal data, supplement or correction of your personal data, suspension of the

collection, processing, or use of your personal data, and deletion of your personal data.

4. Impact of Not Providing Personal Data

If you do not provide or fail to provide correct personal data, or if you request suspension of the collection, processing, use, or deletion of personal data, the Agency (entity) will not be able to provide you with the services related to the collection purposes.

5. You can stop receiving notifications and related messages by clicking the unsubscribe link provided in the message content. During office hours, you can contact the Project executing unit's event coordinator (phone: +886-2-2577-4249 ext. 387) to report any violations of this personal data statement.

**(III) Consent to Provision of Personal Data:**

1. I have fully read and understood the above notification and, by selecting "I agree", authorize the Agency (entity) to collect, process, and use my personal data within the necessary and reasonable scope for the listed purposes.
2. I acknowledge that this consent form complies with the Personal Data Protection Act and related regulations, and I agree to provide my personal data to the Agency (entity) for retention and future verification use.
3. I have fully read and agree to this Personal Data Collection Notification and Consent Form.