2020 Presidential Hackathon Handbook

Organizer: Executive Yuan

Implementer: Ministry of Economic Affairs

Co-organizer: Office of Science and Technology, Executive Yuan
   National Development Council
   American Institute in Taiwan

Data Supporting Organizer: Legislative Yuan

   Executive Yuan
      Ministry of Culture, Ministry of Interior,
      Ministry of Transportation and Communications,
      Ministry of Science and Technology,
      National Palace Museum, Ministry of Education,
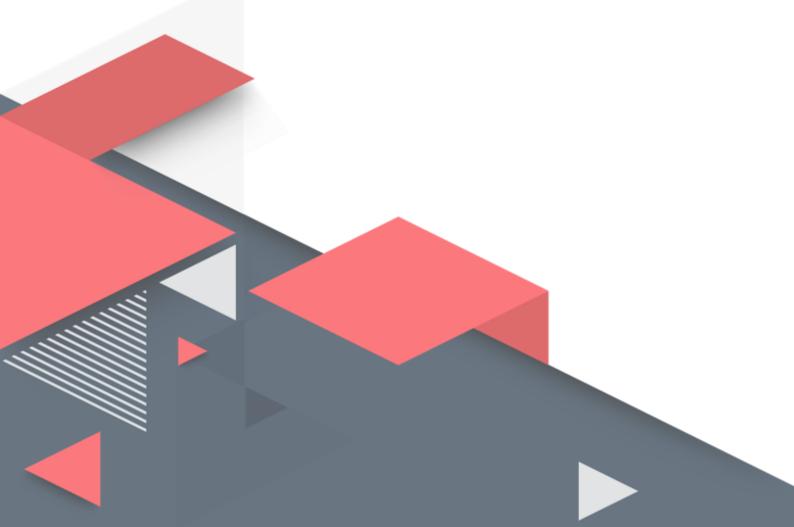   **Council of Agriculture, Environmental Protection**
      Administration

CONTENTS

1. Introduction

Since 2018, the Presidential Hackathon has been held in the form of a competition to encourage the use of open-source data by public-private partnerships, implement government innovations and promote the well-being of the people. In 2018 and 2019, the event focused on the themes of social innovation and smart nation respectively, each attracting over 100 joint proposals. In order to strengthen international cooperation, an international track was included in 2019 to emphasize the hacker spirit of collaboration and sharing so that participants from all over the world can interact with each other, come up with solutions to pressing global challenges and achieve global sustainability with innovation.

2. Objective

Presidential Hackathon is an initiative designed for the Taiwanese government to demonstrate its emphasis on open-source data and innovative data utilization to address the needs of national development. The event aims to facilitate exchanges among data owners, data scientists and field experts to assemble the wisdom of crowds across government, industry and private and public sectors. Ultimately, it strives to accelerate the optimization of public services and encourage proactive innovation from public servants to achieve the upgrade of government services with the help of hacker culture, promote the well-being of the people and create global partnerships.

3. Proposal

⮕Proposal Requirements/Unit(s)

3-1   Applicant(s) can submit the application form individually or on behalf of the government agency/department for which he/she works.

3-2   Applicant(s) not from any government agency/department must provide a detailed proposal with a related topic, list of team members and contact person.

3-3   In order to encourage public-private collaboration, the event executer provides matchmaking service for teams.

➲Proposal Restrictions

The proposal must be a plan that has not yet been implemented or registered. The same applies to a phased plan.

4.　Incentives

Participation Prize: specially designed gift

First-round (20 teams): limited edition T-shirt with the event logo

Second-round (10 teams): limited edition special gift with the event logo

Final-round (5 teams): each team will receive a trophy from the President; each team member will be awarded a certificate

5.　2020 Topic Selection

2020 Presidential Hackathon focuses on the UN's 17 Sustainable Development Goals (SDGs), aiming to solve Taiwan's problems and ignite innovation through public-private collaboration!
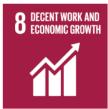
6.   Submission

6-1 Open from Monday, March 2, 10:00 to Friday, April 17, 22:00
6-2 To submit your proposal, please go to: https://presidential-hackathon.taiwan.gov.tw

➲Selection Process

A.   Each proposal will be reviewed by the selection committee who will recommend a shortlist with specific reasons.

B. Timeline:

First-round Selection: from Friday, April 17 to Thursday, April 30; a shortlist of 20 will be announced on April 30.

Second-round Selection: Sunday, June 14; a shortlist of 10 will be announced on the same day

Final-round Selection: Thursday, July 30, 5 winners will be announced on the same day

C. Criteria:

(1) First-round Selection: 20 teams will be selected at this stage; innovation, feasibility, and social impact & citizen participation score points are weighed in the ratio of 30%: 40%: 30%. (Score points of judges and citizens are weighed in the ratio of 70% and 30%, respectively.)

Note: citizens' quadratic voting period: Thursday, April 24 to Friday, April 30
**Bonus:
a. Proposals responding to sustainable development issues from on-line Civic Wishing Pool up to 10% bonus points.
b. Joint proposals across agencies/departments and domains up to 10% bonus points.

(2) Second and Final-round Selection: innovation, feasibility, and social impact & citizen participation score points are weighed in the ratio of 30%: 40%: 30%. (Judges only)

➲ Intellectual Property Rights Statement

A. The intellectual property rights of the short-listed proposals belong to the participating team (herein referred as the "teams").

B. The teams guarantee that the information provided, including but not limited to the proposal, graphics, presentation, audio, video, and other materials, does not infringe intellectual property rights and other rights of others, or violate laws and regulations.

C. The shortlisted teams agree to authorize the organizer or co-organizers to use the graphics, presentations, photos, videos and other materials, including but not limited to the names and portraits of the team members, free of charge without the restriction of time, location, and number of times for non-profit purposes, including but not limited to printing, display, promotion, news reporting, publication, and publicizing, and to sublicense third parties to use the aforementioned materials. The teams also agree that the organizer may revise, reproduce, edit, and exercise, on relevant marketing media, all of the rights of the copyright owner enjoys under the copyright law without notifying the teams. However, the programs, software, system produced by the teams during the event are not included. The teams and their members also agree not to exercise their moral rights if the aforementioned rights are not compromised.

D. The team agrees to authorize the organizer or co-organizer to take photos, make films, or request the teams to provide relevant photos or videos for the purposes of recording, promoting, and marketing this event or related activities during the course of this event and that the organizer and co-organizer may publish the aforementioned photos or videos in any form.

E. After the list of shortlisted proposals are published by the organizer, the teams will enjoy the priority to discuss possible cooperation with regard to licensing or authorization of the intellectual property rights derived from the shortlisted proposals.

7.   Important Deadlines

	Time	Description
On-line Civic Wishing Pool Open	**Monday, January 20, 10:00**	**Make a wish online through Civic Wishing Pool**
Submission Open	**Monday, March 2, 10:00**	**Submit a proposal online through the official website**
Submission Open (International Track)	**Friday, March 20**	**Submit a proposal online through the official website**
Submission & on-line Civic Wishing Pool Deadline	**Friday, March 20, 22:00**	
First-round Selection: 20 teams will be selected based on the level of innovation, feasibility, and social impact as well as the result of citizens' quadratic voting		
Shortlist Announcement (Domestic Track)	**Thursday, April 30**	
1st Workshop	**Friday, May 22**	**Advising process implemented in the form of workshops**
2nd Workshop & Second-round Selection	**Saturday, June 13- Sunday, June 14**	**1. Proof of concept with the assistance of advisors** **2. 10 teams will be selected on June 14**
Meeting between Taiwan & International Teams	**Tuesday, July 28**	**Face-to-face interaction to learn from each other**
Joint Award Ceremony	**Thursday, July 30**	**1. 5 winners will be selected** **2. The winners will receive the award from President Tsai**

Note: The organizer reserves the right to change the program and time. Please visit the official website for latest updates.

8. International Track

8-1 Theme
Enabling Sustainable Development

8-2 Submission
8-2-1 Open from Friday, March 20, GMT+8 10:00 to Friday, May 22, 22:00 GMT+8 17:00
8-2-2 To submit your proposal, please go to: https://presidential-hackathon.taiwan.gov.tw

8-3 Timeline
8-3-1 First-round Selection: a shortlist will be announced on Friday, June 5
8-3-2 Second-round Selection: July 30 (Demos Day) and the winners will be announced on the same day

8-4 Criteria
Innovation, feasibility and social impact score points are weighed in the ratio of 30%: 40%: 30%. (Judges only)

8-5 Incentives
For finalists:
-Official invitation letter to Taipei, Taiwan for the 2020 Presidential Hackathon
-4-night accommodation in Taipei, Taiwan

For winning teams:
-A trophy per team
-Live demo in the Presidential Office Building
-Invitation from the Taiwanese government for future collaboration

Appendix 1▶▶Guidelines for the Implementation of Presidential Hackathon

March 8, 2019

I. Presidential Hackathon is an initiative designed for the Taiwanese government to demonstrate its emphasis on open-source data and innovative data utilization to address the needs of national development. The event aims to facilitate exchanges among data owners, data scientists and field experts to assemble the wisdom of crowds across government, industry and private and public sectors. Ultimately, it strives to accelerate the optimization of public services and encourage proactive innovation from public servants to achieve the upgrade of government services with the help of hacker culture, promote the well-being of the people and create global partnerships. The Guidelines were developed to this end.

II. To organize the consultation, coordination and selection of the Presidential Hackathon, the Executive Yuan has convened the Presidential Hackathon Committee（hereafter "Committee"）which comprises and operates as follows:

1. he13 members, among which one convenor, served by the Premier or Vice Premier; one vice convenor, served by the Deputy Secretary-General to the President; one executive director, served by a Minister without Portfolio appointed by the convenor; one executive secretary, served by the Executive Secretary of the Office of Science and Technology, Executive Yuan; one deputy executive secretary, served by an executive in charge of government open-source data in the National Development Council. The convenor, vice convenor, executive director, executive secretary and deputy executive secretary are ex-officio members and the others are outstanding professionals invited by the President.

2. The members of the Committee will serve a two-year term without renumeration and will be eligible for renewal of membership upon expiration of each term; exceptions will be made in cases of an ex-officio member whose membership comes with his/her professional appointment, where the term follows accordingly. Changes in the professional appointment of a non-permanent member will not obligate him or her to abbreviate the term. If a Committee member resigns or departs for any reason, a new Committee member will be appointed in accordance with the stipulations above to serve out the remaining term of the vacating member.

3. The Committee is convened on an as-needed basis by the convenor who serves as the chair; should the convenor finds himself/herself in a position that he/she is unable to be present at a certain meeting, the vice convenor should be his/her proxy; should the vice convenor finds himself/herself in a position that he/she is unable to be present at a certain meeting, he/she should designate another member of the Committee as his/her proxy. Should a member finds himself/herself in a position that he/she is unable to be present at a certain meeting, he/she should designate another member or a designee from the same agency or organization in writing as his/her proxy, with all the rights and privileges to represent him or her during the discussion and disposition of all agenda items as well as any unscheduled business that night ensue.

4. All meetings must have at least two-thirds of the members present to satisfy the quorum; any resolution must be approved by at least one-half of the members in attendance.

III. **The selection process is as follows:**

1. **To implement the selection process, a selection committee of thirteen to fifteen members will be formed. A Minister without Portfolio appointed by the Executive Yuan will serve as the convenor; the other members will be appointed by the Committee; at least one-third of the members must be of either sex. The convenor will serve as the chair of the selection committee; should the convenor finds himself/herself in a position that he/she is unable to be present at a certain meeting, he/she should designate another member as his/her proxy.**

2. **Selection Procedure:**

   (1) **Requirements: applicant(s) can submit the application form individually or on behalf of the government agency/department for which he/she works; applicant(s) not from any government agency/department must provide a detailed proposal with a related topic as a team**

   (2) **Application: teams must complete their applications on the official website https://presidential-hackathon.taiwan.gov.tw before the deadline; details are released on the official website.**

   (3) **Each proposal will be reviewed by the selection committee who will recommend a shortlist with specific reasons**

   (4) **The level of innovation, feasibility, and social impact should be reviewed as criteria for selection.**

   (5) **The Committee and selection committee will make the final selection of the winners in a joint meeting based on the shortlist proposed by the selection committee.**

(6) Joint meetings are convened and chaired by the convenor of the Committee; should the convenor finds himself/herself in a position that he/she is unable to be present at a joint meeting, the vice convenor should be his/her proxy; should the vice convenor finds himself/herself in a position that he/she is unable to be present at a joint meeting, he/she should designate another member of the Committee as his/her proxy. Should the convenor of the selection committee finds himself/herself in a position that he/she is unable to be present at a joint meeting, he/she should designate another member of the selection committee in writing as his/her proxy; Except for the convenor of the selection committee, no other member may designate a substitute to attend on his/her behalf. If during a joint meeting, a committee member must leave prematurely for cause, he/she must forfeit his/her right to vote. He/she will not be allowed to designate a proxy in attendance to exercise his/her voting right.

(7) During a joint meeting, the convenor of the advisory committee may be present for consultation.

(8) All meetings of the selection committee and joint meetings must have at least two-thirds of the members present to satisfy the quorum; any resolution must be approved by at least one-half of the members in attendance.

(9) When no appropriate candidate has been identified, an award will not be made.

IV. Presidential Hackathon will be organized once per year. The number of winners and awarding of prizes will be determined separately by the Committee.

V. Advising Procedure:

1. To implement the advising process for participating and winning teams, an advisory committee of thirteen to fifteen members will be formed. A Minister without Portfolio appointed by the Executive Yuan will serve as the convenor; the other members will be those who are suitable candidates or former members of the winning teams appointed by the Committee.

2. Implementation:

    (1) The advising process for participating teams will be implemented in the form of workshops by the advisory committee who will provide their data expert knowledge and assistance for proof of concept during the Presidential Hackathon.

    (2) The advising process for winning teams will be implemented in the form of workshops or others by the advisory committee who will continue to provide their data expert consultation and assistance for proof of service or business after the Presidential Hackathon.

VI. Members of the Committee, selection committee and advisory committee must avoid situations of conflicts of interest and absent themselves from the meetings and deliberations when such conflicts emerge; a member of the Committee, selection committee and advisory committee is not eligible for participation in the competition during the term of office; a member of the Committee, selection committee and advisory committee who resigns for other reasons will remain ineligible for participation in the competition until the expiration of the original term.

VII. The expense of the Presidential Hackathon should be arranged by a ministry appointed by the Executive Yuan in the annual budget.

Appendix 2 ▶▶List of Committee Members

Selection Committee Members	
1. Convenor: TANG FONG	8. TSAI ZSE-HONG
2. LIN YI-HAN	9. TSAI SHU-FANG
3. CIOU MU-AN	10. PAN GUO-CAI
4. SYU SI	11. LIOU JIA-KAI
5. PENG CHI-MING	12. SIAO JING-DENG
6. YANG SHIH-CING	13. CYU SIAO-WEI
7. YANG JIA-YAN	14. YAN WAN-LING

Listing in stroke order according to surnames in Mandarin.

Advisory Committee Members

1. Convenor: TANG FONG	8. HUANG WEI-JHONG
2. WANG BANG-JIE	9. JIANG JYU-YU
3. WU JYUN-SIAO	10. LIOU JIA-KAI
4. WU JIE-MING	11. HSIEH KUN-LIN
5. LIN CHONG-WE	12. SIAO JING-DENG
6. CHEN JHAO-WUN	13. PANG YI-MING
7. CHEN JYUN-LIANG	

Listing in stroke order according to surnames in Mandarin.

Implementer

中華民國經濟部
Ministry of Economic Affairs, R.O.C.

Executer

中華民國全國中小企業總會

財團法人資訊工業策進會
INSTITUTE FOR INFORMATION INDUSTRY

台灣經濟研究院
深耕台灣·邁向國際 Taiwan Institute of Economic Research

Please contact:

TAI HUI-WEN
presidential-hackathon2020@tier.org.tw
(02)2586-5000#204

SIAO TING-YUN
thea_hsiao@nasme.org.tw
(02)2366-0812#320