

Term of Reference (TOR)
Ending Plastic Pollution Innovation Challenge (EPPIC)

A. General Information

Title : Ending Plastic Pollution Innovation Challenge (EPPIC)

Report to : Archipelagic and Island States (AIS) Forum Project

Location : Non-specific

Expected place of travel : Non-specific

Duration of contract : Non-specific

Provision of support services :

Location : Yes No

Equipment (laptop etc.) : Yes No

Secretarial Services : Yes No

B. Background Information

If current trends continue, it is estimated that by 2050 there will be more plastic than fish in the ocean. Still, worldwide plastic consumption is expected to triple during this time. Plastic pollution has numerous adverse economic, social, and environmental impacts. In particular, marine plastic pollution costs up to \$2.5 billion per year in lost marine ecosystem services. Tackling plastic pollution will require multi-stakeholder collaboration and engagement.

In this context, the project Ending Plastic Pollution Innovation Challenge (EPPIC) seeks to reduce plastic pollution in coastal areas in Viet Nam and Thailand in 2020, followed by Indonesia and the Philippines in 2021, contributing to the achievement of SDG 14 (Life Below Water) and SDG 12 (Responsible Production and Consumption). EPPIC will bring together citizens, local governments, and the private sector to collaborate in establishing effective and innovative solutions. The EPPIC competition is also the opportunity to drive change by raising awareness, collecting lessons learned and trying new approaches to address localized plastic issues. It intends to deliver two outcomes:

- OUTCOME 1: Circular economy of plastic products in four target areas in ASEAN strengthened.
- OUTCOME 2: Knowledge, cooperation and networking in ASEAN-countries for prevention and reduction of plastic waste in nature increased.

C. Event Description

The EPPIC challenge in Indonesia will take place in Mandalika Lombok, looking for 10 innovative solutions to fight plastic pollution there and compete at the EPPIC Pitch Competition in December 2021. The selection of the 10 solutions that will enter the pitching competition is based on 6 criteria:

viability and local potential, innovativeness, sustainability, scalability, impact/ SDG, diversity & complementarity. UNDP Indonesia give three sets of scores in consultation with the Ministry of Environment and Forestry and the Coordinating Ministry for Maritime Affairs and Investment. The EPPIC Project owner, UNDP Viet Nam Office, provides a fourth set of scores. 8 judges (<https://plasticchallenge.undp.org.vn/the-judges/>) from donor, UNDP global or regional innovation office, investor, government representatives of Indonesia and the Philippines, will select 2 winners based on their presentation at the pitching event. The ocean plastic issue requires multifaceted intervention, therefore the 2 winners are supposed to represent at least 2 facets of the problem, upstream and downstream, for more comprehensive intervention.

D. Expected Outputs

EPPIC will be implemented with the following expected outputs:

1. A portfolio of innovative solutions to combat ocean plastic pollution is selected and designed
2. Tailored support to grow and scale-up provided to the identified solutions
3. Diffusion and replication strategies designed and delivered
4. Relevant plastic prevention initiatives supported by EPPIC widely shared with ASEAN countries

E. DELIVERABLES AND PAYMENT SCHEDULE

No.	List of Deliverables	Delivery Date
1.	Join virtual pitching sessions in front of the judges to elaborate further on how their businesses create value and have impact to reduce plastic pollution.	15 December 2021

F. QUALIFICATIONS

Assessment Criteria

Entries will be selected based on six critical factors – visibility, innovativeness, local potential, scalability, sustainability and impact – as well as the composition of their teams.

1. The solution
 - **Viability (20%):** Criteria to demonstrate the viability of your solution in terms of its effectiveness in reducing plastic pollution. Proven success of reducing plastic pollution is desirable.
 - **Innovativeness (20%):** Criteria to demonstrate the innovativeness of your idea in terms of using new products, services, technologies or other approaches to combat plastic pollution. Solutions that have been successful elsewhere but have not yet been applied in EPPIC challenges sites are welcome to apply.
 - **Local potential (15%):** Criteria to estimate the extent to which your solutions will effectively target the specific challenges of combatting plastic waste and pollution in the two project sites. The solutions should fit the local needs and address the local context.

- **Scalability (10%):** Criteria to assess the ability of the solutions to be scaled up and be replicated in other contexts. The potential of the solutions to grow and be applied in other communities in Viet Nam, Thailand, and even across ASEAN countries will be assessed.
 - **Sustainability (10%):** Criteria to assess the operational and financial sustainability of the solutions. The solution should have a long term business plan to ensure its sustainability, including the possibility of securing investment for your solution.
 - **Impact (10%):** Criteria to demonstrate potential social and environmental impacts of the solutions, including the potential impact of the solution on local livelihoods, gender equality and the wider local community development. The applications must demonstrate contribution to the achievement of the Sustainable Development Goals (SDGs) and Targets, in particular:
 - SDG 14.1: Reduce marine pollution
 - SDG 1: End poverty in all its forms everywhere
 - SDG 5: Achieve gender equality and empower all women and girls
 - SDG 10: Reduce inequalities within and among countries
2. The team
- **Diversity & Inclusion (10%):** Criteria to assess diversity among the team and the inclusion of women
 - **Complementary Skills (5%):** Criteria to assess how team members' technical and operational abilities balance each other.

Team Qualification

In order to apply, participants must abide by all the following minimum requirements:

1. At least one member of the team must be a citizen of an ASEAN country.
2. At least one member of the team must be able to communicate clearly and present the solution in English
3. Participants do not need to be a legal entity at the time of application. If they are selected as a winner in the EPPIC Final Pitching competition in December 2021, however, the organization or individual must register as a legal entity in one of the ASEAN member states in order to receive the acceleration training and seed funding.

Proposal Qualification

Participants can apply to one project site per year. For 2021, they need to specify if they are applying to Mandalika, Lombok (Indonesia) or Samal Island (the Philippines) challenge sites. Participants are allowed to apply to the challenge in both 2020 and in 2021. The applications should respond to the questions outlined on the website and upload the following documents:

1. One of the following options:
 - A. Slide deck about the solution (max 7 slides)
 - B. Concept note about the solution (max 2 pages)
2. Optional:
 - Applicants are encouraged to utilize creative and innovative formats for presenting their idea, including using video (max. one minute), graphics, or other formats.

- Applicants are encouraged to submit any awards, certificates, or patents received related to their solution.

Participants must upload their applications on the EPPIC website: <https://sampahlaut.id/eppic/>

G. LIST OF AIS COUNTRIES

1. Antigua and Barbuda
1. Bahamas
2. Bahrain
3. Barbados
4. Belize
5. Brunei Darussalam
6. Cabo Verde
7. Cambodia
8. Comoros
9. Cuba
10. Cyprus
11. Dominica
12. Dominican Republic
13. Fiji
14. Federated States of Micronesia
15. Grenada
16. Guinea-Bissau
17. Guyana
18. Haiti
19. Indonesia
20. Ireland
21. Jamaica
22. Japan
23. Kiribati
24. Laos
25. Madagascar
26. Malaysia
27. Maldives
28. Malta
29. Marshall Islands
30. Mauritius
31. Myanmar
32. Nauru
33. New Zealand
34. Palau
35. Papua New Guinea
36. Philippines
37. Saint Kitts and Nevis
38. Saint Vincent and the Grenadines
39. Samoa
40. Sao Tome and Principe
41. Seychelles
42. Singapore
43. Solomon Islands
44. Sri Lanka
45. Suriname
46. Thailand
47. Timor Leste
48. Trinidad and Tobago
49. Tuvalu
50. Tonga
51. United Kingdom
52. Vanuatu
53. Vietnam