NAREMATech Hackathon 2021

MANAGING THE NATURAL RESOURCES BEYOND IMAGINATION

US$1-2 trillion are lost annually. Can we reduce this loss through technology and innovation?

Hack Date: 1 May 2021, 8:00-17:20

Virtual Hack: Selected Teams only

NRM Prize, HM Prince Prize, Bangkok Penguin Prize, Krutour Prize, LEET Prize, Zentory Prize

Judges and Mentors

Dr. Venkatappa

Prof. Sasaki

Mr. Chaiwat

AIT Asian Institute of Technology · south pole · LEET · Krutour · ZENTORY

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Background

- Natural resources are important to support the growing population and economic growth. However, overexploitation and illegal exploitation have resulted in rapid loss and degradation of these important resources. We lose about S1-2 trillion annually due to illegal fishing, logging, and wildlife trade.
- Conventional management of these resources did not appear to be successful as natural resources continue to deplete. Can we stop these?
- With global enabling policies such as UN SDGs, UN Decade on Ecosystem Restoration, and UN Paris Agreement; impact financing; data and technologies availability; and new societal trends toward Sustainability; there are opportunities to manage our Natural Resources better
- However, Innovating approach, out-of-the-box and disruptive thinking are needed.
- **NAREMATech** or **NA**tural **RE**sources **MA**nagement **Tech**novation Hack aims to bring innovative technology solutions for managing the natural resources at speed and scale with transparent technologies and impact financing.
- You must communicate with course students to form the team. Only six teams are allowed.
- Team leader: Course student!

Programme and Activities

8:00	Hacking Topic announced virtually
8:00	Introduction and Rules by Nophea Sasaki
8:10	Judge Introduction by Individual Judges
8:30	**Hack Part 1:** Formulation of problems, development of technology platform
13:00	**Hack Part 2:** Development of tech platform and pitch deck preparation
15:30	Pitch Deck Submission
16:00	**Pitching**
17:00	Winners Announcement and Prizes
17:10	Closing Remarks

Team and Rules

- Team members: 1 + Outsiders (Team leader decide team mebers)
- Each team is encouraged to use of any technology and publicly available data for NRM that maximize benefits in a sustainable and transparent manner.
- Coding: Coding skills are not required but preferred.
- Pitch must include NRM, impact investment and technology as part of the solutions
- At minimum, pitch must have a title (product name), problem (s) to be addressed, solutions (technology, platform), benefits, market sizes, target users, scalability
- Pitch duration: 5 minutes + 3 for Q & A (strictly followed)
- Only 6 teams are accepted
- Prizes will be announced on 01 May 2021

Organizing Committee

Prof. Nophea Sasaki
Dr. Takuji W. Tsusaka
Dr. Manjunatha Venkatappa
Ms. Agnes Pardilla
Mr. Chaiwat Bootchai

Contact

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