

Group: Open Group

Sub-theme: I&T for Nature (Yama)

Project Code: O-001298

TrackSphere (內容只提供英文版)



User Pain Points

Tracking device is either 1) dear 2) not accurate 3) and runs out of battery easily. TS is designed for positioning lost people for outdoor activities, and elderly and even pets.

Solution Benefits

TS is lightweight. And we hope to make it affordable (within \$100) for everyone to use, regardless of budget to make it common. TS can last for 30 days, accuracy up to 10 meters. So as for government and public to apply as daily device to position people and animals with high risk of getting lost, such as elderly, those intend to disappear, and lost pets to rescue them within 72 hours.

Technologies Applied

LoRa and NBIoT is applied to make accuracy up to 10 meter (visible to rescue lost people/animal), even in area without phone signal coverage. it's so energy saving that the fully charged TS can last for 30 days. TS is lightweight and tiny like an airpod case. Got Award in SciTech Sports Challenge 2018.

Organiser

Organising Partner

Target Users

User Profile / Persona:

The target groups encompass individuals engaged in intentional or accidental lost during outdoor activities and sports, including those at risk of self-harm or becoming unconscious. Can apply to elderly, outdoor sports participants, children and pets.

User Scenario and Goals:

Track lost people and pet in affordable and more accurate way in shorter time within golden 72 hours.

Organiser

Organising Partner