2024 Mobileheroes Global

Open Call for Proposal

Submission deadline: 12:00pm June 28 (GMT+8 Taiwan Time)

What is Mobileheroes

Discovery of Talents
- The longest-running tech contest since 2002
- Discovery talents with the input from the ICT industry

ICT Ecosystem
- A stepping stone to get your foot in the door of Taiwan ICT ecosystem

Dynamic Setup
- Set the themes of competition dynamically align with the industrial development trend

Our sponsors of 2023

The Themes were Designed in Alignment with the Industry

2002~2005 — Wireless Communication Application & Design

2006~2008 — Antenna Design for Mobile Phones

2009 — Operating System Design for Android

2010~2012 — UI Design for Android

2013 — UX Design for Mobile Devices

2014 — UX design, Applications for MediaTek's Wearable and IoT Devices, Software Defined Networking (SDN), and Antenna Design for 4G Terminal Devices

2015 — Solutions for Smart City Development, Applications for MediaTek's Wearable and IoT Devices, Software Defined Networking (SDN), Antenna Design for 4G/B4G Terminal Devices

2016 — Solutions for Smart City Development, MediaTek's IoT Development, SDN and Network Function Virtualization (NFV), Antenna Design for 4G/5G Terminal Devices

2017 — Solutions for Smart City Development, MediaTek's IoT Development, SDN and NFV, Antenna Design for 4G/5G and Internet of Things

2018 — IoT Innovative Applications, MediaTek's IoT Development, 5G MIMO Antenna System Design

2019 — IoT Challenge, 5G and IoT Antenna and System Innovative Design

2020 — IoT Challenge, CONNECTIVITY INNOVATION AWARDS, 5G Multi-Antenna System Design, 5G Innovation

Introducing the international track for the first time, we welcomed innovative talents from across the globe. 5G is driving a new wave of demand for connectivity applications.

2021 — IoT Challenge, CONNECTIVITY INNOVATION AWARDS, Next-Generation 5G+ User Terminal and Small Cell Antenna System Design, 5G Innovation

2022 — IoT Challenge, CONNECTIVITY INNOVATION AWARDS, Antenna System Design, 5G Innovation

2023 — IoT Challenge, CONNECTIVITY INNOVATION AWARDS, Antenna System Design

2024 — Mobileheroes Global、Antenna System Design

The Key Takeaway from Mobileheroes

What Mobileheroes can do for you

- Provide **access** to Taiwan's IoT & Smart City Ecosystem,
- Facilitate **cross-domain collaboration** between stakeholders,
- Engage international and local partners to identify **synergies,**
- Accelerate **realization** of product/service concept with Taiwan supply chain

01
- ➢ **Co-innovation and joint business opportunities with sponsor companies**

02
- ➢ **Potential investment opportunities**

03
- ➢ **Business and technology boost by accessing sponsor companies' resources**

04
- ➢ **Global Marketing Exposure**

This year's sponsors

Organizers：

Sponsors：

Partners：

Rules (1/2)

Topic

The adopting of 5G network is required.

- **Utilizing AI in the field of telecommunications (ex. Network management)**
- **Internet of Things (Industrial, Retail, Healthcare, Transportation, etc.)**
- **You are welcome to check out our sponsors' profile and submit an interesting proposal catered to their needs.**
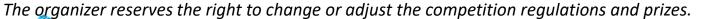
Screening Process

- **Online review selects 20 teams (Top 20)**
- **Live Pitch during the online meeting selects 10 teams (Finalists)**
- **In the on-site finals, the top 3 teams will be selected as final winners**

Eligibility

1. **Targeting startups and emerging creative teams within enterprises .**
2. **Open to participants of all nationalities and ages, including students and working professionals.**
3. **Submission requirements include a Pitch Deck (which must include expansion and marketing plans in Taiwan or other international regions) and a service/product description video.**
4. **Participating teams must have at least one product in development (Minimum Viable Product).**

Language

- **English**

The organizer reserves the right to change or adjust the competition regulations and prizes.

Rules (2/2)

Criteria for Selection

20%—**Innovativeness**

30%—**Technology readiness**

30%—**Business Potential (in Taiwan is a plus)**

20%—**Sustainable development**

Judging Panel

- The judging panel is composed of representatives appointed by sponsoring companies.

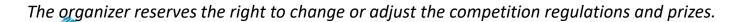## Top 10 Finalists → Top 3 Winners

- Subsidy for accommodation, flight / person during the visit to Taiwan.
- Organize corporate visits during the ceremony week.
- Provide free access to international seminars during the ceremony week.
- Arrange B2B meetings based on the needs of the sponsor companies.

- Mobileheroes Award **USD30,000**
- Most Scalable Solution **USD20,000**
- Most Engaging Presentation **USD10,000**

The organizer reserves the right to change or adjust the competition regulations and prizes.

Important Timeline

April – June 28
Submit Application

Mid July	End July	Aug. – Sep.
Announce Top 20	Live Pitch → Top 10	Mentor Hours Training Session for Top 10 finalist

Oct. 23	Oct. 24- 25
Final review →Top 3 Award Ceremony, Showcase, Media Interviews	• Site-Visit, b2b Meetings • 5G Summit

Itinerary for Finalists' Visit to Taiwan in October 2024 (Tentative)

Day 1
Oct. 23

AM：Top 10 Final Review

PM：Showcasing, Awarding, Networking

Award Ceremony Attendance：ADI officials, judge panels, sponsors, media, mentors, VC, accelerators, foreign representatives, etc..

Day 2
Oct. 24

AM：Site-visits（ex. ITRI, accelerators）

PM：b2b Meeting（Arrange according to the needs of the sponsors）

Day 3
Oct. 25

ALL DAY： Inviting teams to participate in the 5G Summit event, offering opportunities to network with Taiwan's ICT industry and top telecommunications manufacturers.

Industrial Development from Recent Winners (1/2)

Lingbo Co., Ltd.

WiSDON

Platform as a Service (PaaS) Management System

1. Lingbo Co., Ltd. offers a PaaS management system for the gas retail industry, utilizing IoT home detectors to monitor energy levels and provide businesses with advance information for efficient delivery. The company has excelled in the Qualcomm Innovation Competition and participated in the Microsoft Accelerator Program.

2. Currently expanding software services in various Taiwanese regions, facing challenges in user behavior and training. 。

Advanced Independent Network Control Software

1. WiSDON, an advanced independent network control software developed by Yang Ming Chiao Tung University, integrates expertise in telecommunications and computer science. The interdisciplinary team excels in 5G, cloud computing, and AI, delivering high-performance software within the open O-RAN architecture. Key features include self-organizing networks and indoor positioning.

2. In collaboration with Taiwan Mobile and Compal Electronics, the team applied to showcase WiSDON at the RIC Forum in the United States on March 27-28, 2024, hosted by NTIA.

3. Prioritizing practical demonstrations, they aim to highlight dynamic network features and interactive applications, with a focus on energy-efficient and traffic-guiding use cases.

Industrial Development from Recent Winners (2/2)

Compass Arrow   2022

Monitoring forests using remote sensing technology and visualization methods.

1. The Compass Arrow team established a startup called Ke Shu Technology Co., Ltd., operating as CoCoTree. Located in the Startup Terrace Kaohsiung, the company transitioned its focus to forest monitoring after participating in a communication competition.
2. CoCoTree assists companies in forest management, utilizing remote sensing and visualization methods to monitor and quantify environmental impact indicators. This enables companies to integrate relevant data into their sustainability reports.
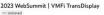

VM-Fi S.M.A.R.T. Platform   2019、2022

- **Bilingual translation**
- **Implemented at Songshan Airport Tourist Service Center and Yehliu Visitor Center.**

1. At the 3GPP International Conference, we provide bilingual interpretation. We also participated in events such as the Smart City Expo in Kyoto, Japan, exhibitions in Hokkaido and Tokyo, and the Web Summit in Portugal. TranSpeech is scheduled to participate in events including the 2023 Kyoto Smart City Expo, 2023 Hack Osaka, and the 2023 TIMTOS (Taipei International Machine Tool Show) TransDisplay.
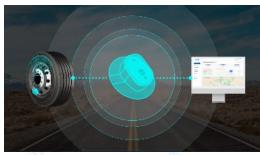2. Formally installed in 2023 at Songshan Airport Tourist Service Center and Yehliu Visitor Center.

2023 WebSummit | VMFi TransDisplay

2023 Winners of Mobileheroes

BANF (South Korea)

@Winner

The iSensor, installed inside tires, collects real-time data on tire conditions, enhancing vehicle maintenance efficiency and providing early warnings through AI analysis to prevent accidents. It addresses issues like misalignment and low tire pressure, reducing fuel consumption and increasing fleet efficiency by 20%. The product stands out with embedded sensors for real-time information, and collaborative tests with multinational partners affirm its role in enhancing safety and productivity in the logistics industry.
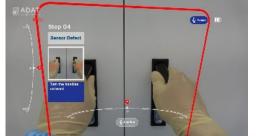
ADAT Technology (Taiwan)

@Runner-Up

The team has launched the ADB platform with the aim of enhancing work environments. This platform serves as an AI coaching app, assisting experts in various fields to digitize their knowledge and provide real-time guidance to employees. ADB, a no-code platform with numerous patents, allows users to customize AR applications without programming expertise. During development, users can create AR components, integrate voice and visual aids, design workflows, and use personal videos or photos for AI model training. Employees can access applications through tablets or AR glasses for tasks like AI anomaly detection, route guidance, AR map navigation, and maintenance SOP guidance in factory environments.
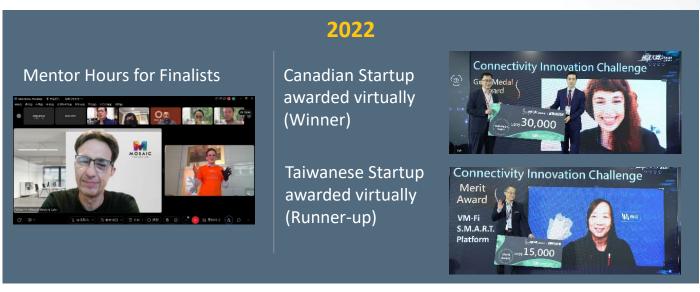
International Track Attracts over 20 Countries from 2020-2023

2020

French Startup live pitch @Award Ceremony

2021

Canadian Startup awarded virtually (Winner)

German Startup awarded virtually (Runner-up)

2022

Mentor Hours for Finalists

Canadian Startup awarded virtually (Winner)

Taiwanese Startup awarded virtually (Runner-up)

VM-Fi S.M.A.R.T. Platform

2023

Finalists attend the award ceremony physically for the first time

Training of the finalists in value-adding services in the 2023 Mobileheroes – the Mentor Hours

Mobileheroes provides 1-2 months of resources for the supervision of the finalists for strengthening the capacity of the talents.

A mentoring program with mentors coming from professionals and entrepreneurs
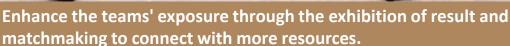
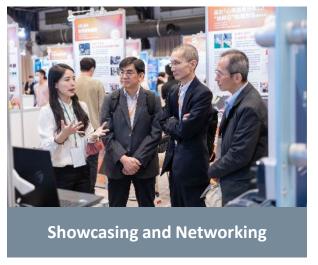# Result Exhibition and Award Ceremony of 2023 Mobileheroes

Enhance the teams' exposure through the exhibition of result and matchmaking to connect with more resources.

Celebrity host of the Award Ceremony

Live Pitch of the winning team

Showcasing and Networking

Showcasing and Networking

Networking event with mentors, VC, and sponsors

Electronic media/Print media news TV news

For enquiries on Mobileheroes 2024, feel free to reach out to the Organizing Team.

Contact：曾維郁 Phoebe Tseng
E-mail：tsengphoebe@itri.org.tw