

# Success Story

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MicroStep-MIS'  
activities in Indonesia



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Tender  
?

Contractor  
PT. Carpediem Mandiri

PT. Carpediem Mandiri is a privately owned general trading company founded in 1992 by President Director Mr. Syafruddin Rachman. Started as an avionics workshop and services, the business grew into aviation and other sectors by 2005. From 2007 with supports from various world-class company from Europe and United States, PT.CDM expanded its businesses into Information and Technology sector.

Client  
?



Indonesia is an archipelago scattered across the equator that divided into three different time zones. Like other tropical country in the Southeast Asia region, Indonesia is covered by dense rainforest, fertile soil, and have two seasons (dry and rainy season). Crossed by two mountains track (Circum Pacific and Circum Mediterranean) and two Continent plate (between western Asia and Australia) which create tectonic process that made Indonesia the third country with most Volcano.

Although they made noticeable potential threat, its demography also made Indonesia rich of natural resources and mesmerizing landscape which brings to many interesting subjects to discuss.

Weather information services in Indonesia was marked by the establishment of Earth Magnetism and Meteorological Observatory by the Dutch in 1866 Batavia (now Jakarta).

MicroStep-MIS giving Site Training to Operators during the installation of AWOS for Yogyakarta International Airport, Kulan Prago 2019



There were many name-change and reorganization until the post reformation era when President Megawati Soekarno Putri decided to make BMKG (previously BMG) an independent government body. Weather information services boomed since the devastating Tsunami hit Aceh in 2004. The hard moment had enlightened the government on the importance of weather information services and warning system. The development of new technology allowed the availability of new improved equipment that made weather observation easier, updated and more comprehensive. The next year saw great improvement on the budget spent for Meteorology, Climatology and Geophysics Department (BMKG). Plans were made to install various weather stations and information systems across Indonesia.

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and services, the business grew into aviation and other sectors by 2005. From 2007 with supports from various world-class company from Europe and United States, PT.CDM expanded its businesses into Information and Technology sector. The first project delivered by PT.CDM for BMKG were the installation of Automatic Weather Stations (AWS). PT.CDM is looking for good cooperation and long-term partnership when signing its first representative agreement with MicroStep-MIS of Slovak Republic.

MicroStep-MIS is a world class company established in 1993 in the weather and environmental monitoring sector offers customizable solution to client needs and requirements. With constant development, research and innovation allows MicroStep-MIS products to be competitive around the globe. Since 2007, PT.CDM and MicroStep-MIS are actively involved and contributed to the development of Weather Information Services

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| MicroStep-MIS attended Indonesian Business Expo in Bratislava, 2020

in Indonesia. More than 30 personnel from BMKG had been sent to MicroStep-MIS head quarter in Bratislava, Slovakia for factory training.

PT. CDM had been involved in the installation of weather station in nearly every provinces in Indonesia. With support from qualified and trained technicians and supervision from MicroStep-MIS, 138 AWS and 52 AAWS stations had been installed and still operating up to this day. In 2012, PT.CDM delivered Ground to Air Communication Mobile which is a product combination of MicroStep-MIS sensors and PT.CDM customized communication system. The cooperation between the two companies extended to other countries in Southeast Asia when PT. CDM delivered AWOS Cat.II to Ducusse Airport, Timor Leste in 2018. The latest project is in 2019 when PT.CDM delivered AWOS to Yogyakarta International Airport and Low Level Windshear Alert System to Juanda International Airport, the 6th and 3rd busiest airports in Indonesia respectively.

### MicroStep-MIS and CDM have successfully cooperated in various projects, including:

- 138 Automatic Weather Station (AWS) – 2007-2011
- 52 Agroclimate Automatic Weather Station (AAWS) – 2012-2014
- 5 Ground to Air Communication Mobile – 2012

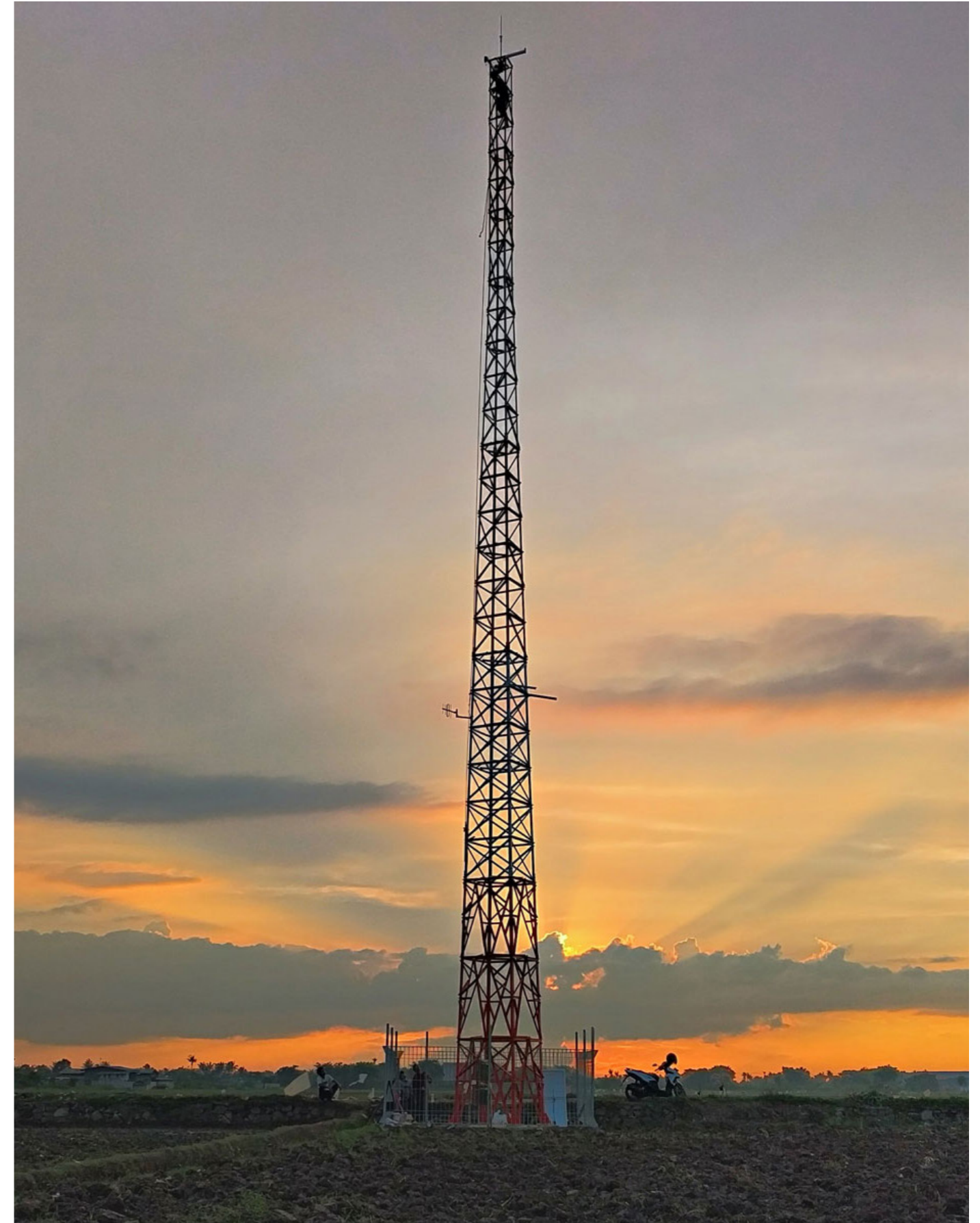
- 3 Marine Automatic Weather Station – 2015
- Low Level Windshear Alert System (LLWAS) Soekarno Hatta International Airport, Jakarta – 2015
- Automated Weather Observation System (AWOS) Ducusse Airport, Timor Leste – 2018
- Automated Weather Observation System (AWOS) Yogyakarta International Airport, Kulon Progo – 2019
- Low Level Windshear Alert System (LLWAS) Juanda International Airport, Surabaya – 2019

Indonesia and Slovak Republic have great business relations. Both countries had established long time cooperation that benefited both sides including future plans with Indonesian Met Department (BMKG) and Slovak Hydromet Institute (SHMU) to sign an MOU to develop human resource and to exchange information. The idea was first initiated by Her Excellency Ambassador Adiyatwidi Adiwoso, Indonesian ambassador to the Slovak Republic during business expo in Bratislava, 2019. Further discussions had been made with MicroStep-MIS and PT. CDM to promote and establish contacts with BMKG. This opportunity will provide benefits to Indonesia in the form of international technology trade and knowledge transfer which will help the development of the Weather Information sector.

The Journey Continues.....

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# 150+

talented and dedicated  
professionals working  
together

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## CONTACT US

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