



Credits: Laude Creator

# Indonesia and the Netherlands

Driving efficiency for Indonesian sustainable airport development

# Partnering up for sustainable and efficient airports

As an archipelagic country, Indonesian airports are central to connecting passengers and transporting cargo. With a growing economy and increasing demand in the tourism and logistics sectors among others, the optimisation and efficiency of airports is crucial to support Indonesia's sustainable development. This focus presents significant opportunities for collaboration, with Indonesia and the Netherlands coming together to explore mutually beneficial commercial opportunities in aviation services and infrastructure. By working together to implement sustainable and innovative solutions, we aim to improve operational and energy efficiency, stimulate economic growth, and reduce the environmental impact of Indonesia's aviation sector.



## Working together for sustainable airport development

The Dutch cluster for Sustainable Airport Development Indonesia is committed to partnering with Indonesia to achieve its aviation goals. Launched in September 2024, the cluster brings together over 100 years of combined experience in aerospace and airport development. Led by the Netherlands Aerospace Group (NAG), it comprises trusted partners with a proven track record in successful collaboration, offering a wide array of expertise across the entire aviation and airport development value chain. From streamlined airport services and operations to advanced structural improvements and state-of-the-art IT systems, this consortium serves as a one-stop hub.



## Supporting Indonesia's vision for smarter airports

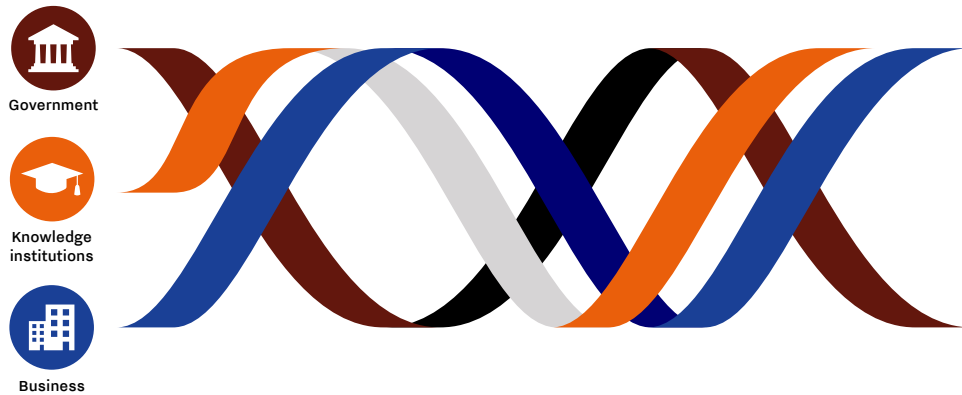
Indonesia is committed to balancing societal benefits with environmental considerations in airport planning and operations. Priorities include optimising existing airports through innovative technologies and sustainable practices, comprehensive planning, and supporting a green economy while meeting surging passenger and cargo transport demands.

By integrating these innovative solutions from our cluster members, we support Indonesia's aviation sector to become more efficient and environmentally responsible while remaining globally competitive. Together, we can explore opportunities for collaboration, combining the Netherlands' advanced expertise in airport services and infrastructure with Indonesia's ambitious vision for increasing efficiency and sustainable growth.

### Together with the Netherlands

The Dutch are renowned for their innovative, collaborative, and forward-thinking approach. This mindset has made the Netherlands a pioneer in sustainable airport technology, development, and infrastructure. Building upon the strong and long-standing bilateral economic relationship between the two countries, this cluster is committed to being a true and reliable partner for Indonesia in achieving its long-term goals for aviation development. We understand that building sustainable and efficient airports is a long-term endeavour, and we are here to support Indonesia every step of the way.

The triple helix approach offered by this cluster is a dynamic cooperative model that combines the efforts of government, academic institutions, and industry to drive innovation and economic growth. This framework demonstrates the power of close partnership among these three key sectors, to accelerate technological advancements, enhance knowledge transfer, and address complex sustainability challenges in airport development and infrastructure.



## Let's work together to achieve smart and sustainable airports!

## Sustainable Development Goals

The Sustainable Development Goals (SDGs), also known as the Global Goals, were adopted by the United Nations in 2015 as a universal call to action to end poverty, protect the planet, and ensure that by 2030 all people enjoy peace and prosperity. The Dutch cluster for Sustainable Airport Development Indonesia as part of the Partners for International Business (PIB) programme contributes to the achievement of the following sustainable development goals:



### SDG 08 | Decent work and economic growth:

This partnership contributes to economic growth by stimulating tourism and creating decent work opportunities in Indonesia's aviation sector. The cluster combines global expertise with local experience to provide innovative, sustainable solutions while establishing job creation and workforce development. By facilitating digitalisation to support workers, this will enhance productivity, promote skill development, and drive long-term economic growth.



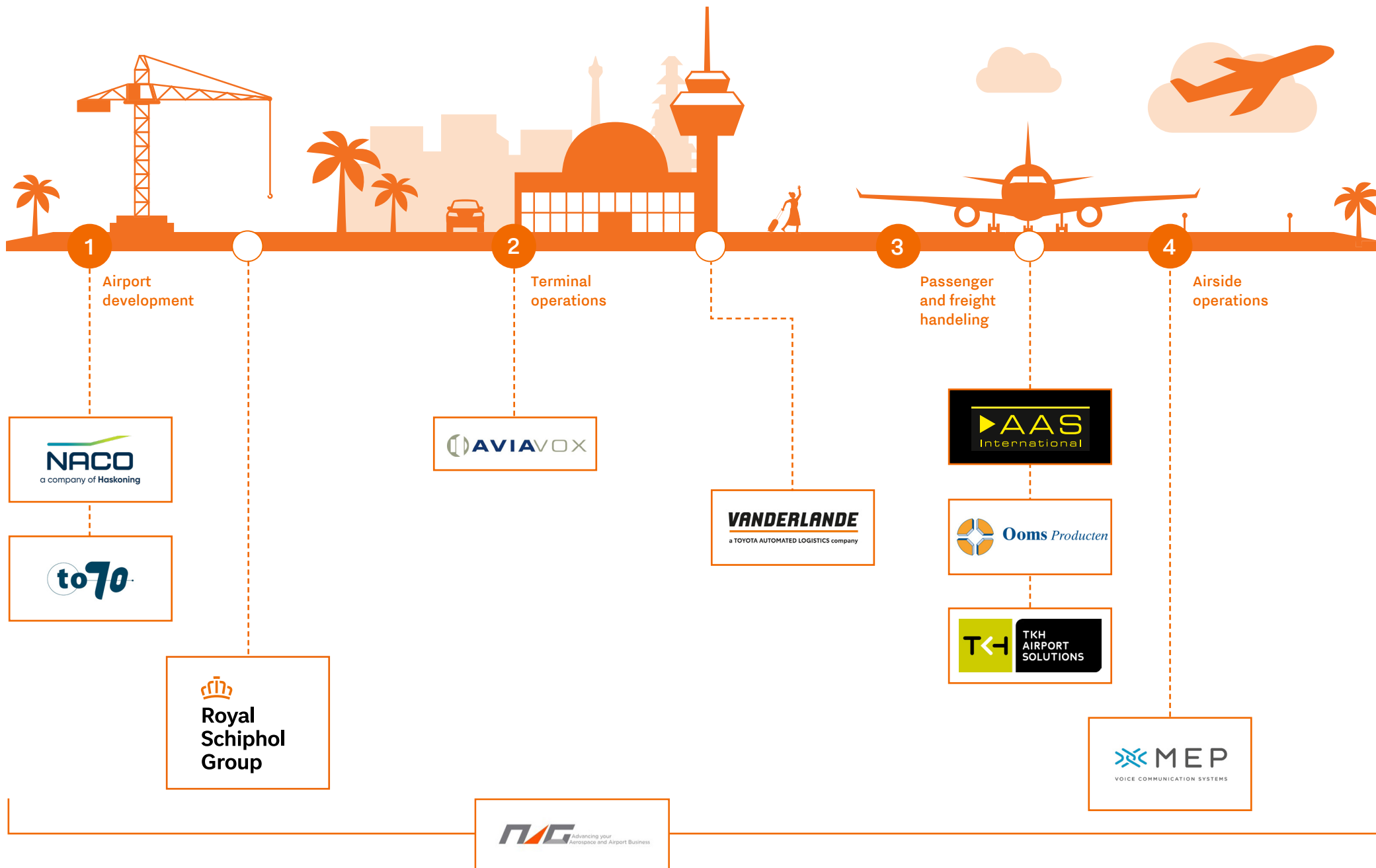
### SDG 09 | Industry, innovation and infrastructure:

The cluster combines expertise in developing innovative solutions that support operational efficiency and the energy transition. With extensive experience in Southeast Asia, the partners bring a deep understanding of local challenges and opportunities. By incorporating advanced technologies and sustainable practices, infrastructure resilience can be enhanced.



### SDG 11 | Sustainable cities and communities:

The Indonesian government has committed to ICAO on reducing carbon footprint. This cluster has expertise and knowledge in this field. This programme will help support Indonesia to reach its green goals by providing stakeholders with enhancing more sustainable and (operational) efficient infrastructure, airspace and ground operations as well as products and services that support these goals.





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## Coordinator

The Netherlands Aerospace Group (NAG) is the trade association for national and international organisations established in the Netherlands and active in Aerospace & Airport Development. The NAG supports the aviation sector through the development of expert knowledge, advocacy, access to the national and international market, and an extensive network.  
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## Partners

AAS International specialises in airfield signage solutions for airports worldwide, including LED illuminated, Variable Message and non-illuminated signs for runways, taxiways and aprons. With over 30 years of experience, the company delivers ICAO, EASA and FAA compliant solutions that support safer, more durable and more sustainable airfield operations.  
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AviaVox specialises in voice technology solutions for airports and airlines, offering automated public address and passenger information systems. Optimised through extensive research into passenger and operational needs, AviaVox enhances passenger flow and overall airport efficiency.  
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MEP specialises in the design, development, and implementation of Voice Communication Systems for Air Traffic Control and Area Traffic Control centres. The award winning SureVoice range, ensures high performance and reliability in demanding airport environments. The system is easy to configure and use, keeping it relevant during the entire lifetime.  
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The Netherlands Airport Consultants (NACO) is a world-leading airport consultancy and engineering firm composed of aviation consultants, economists, planners, architects, and engineers. Its extensive portfolio is enhanced by a network of partners and experts. This includes its parent company, the international multi-disciplinary engineering consultancy, Royal HaskoningDHV.  
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## Partners

Ooms Producten, a Dutch pioneer in polymer-modified bitumen, specialises in innovative and sustainable solutions for airport infrastructure. With decades of global experience, the company delivers cutting-edge binders and asphalt technologies tailored to meet the unique demands of airport pavements.  
[www.oomsproducten.nl](http://www.oomsproducten.nl)

Royal Schiphol Group is a globally recognised airport operator with expertise in owning, operating, developing, and master-planning airports. Its portfolio includes Amsterdam Airport Schiphol, its home base, along with a network of airports in the Netherlands and worldwide.  
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TKH Airport Solutions specialises in advanced airfield ground lighting technology that enables greener, smarter and safer airport operations. As part of TKH Group N.V., the company delivers innovative LED-based Airfield Ground Lighting solutions that enhance safety, efficiency and lifecycle performance at airports worldwide.  
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To70 is a leading global aviation consultancy firm, providing research and advisory services to the international aviation community. With offices across Europe, Australia, Asia, and Latin America, To70 specialises in strategic planning, environmental analysis, and operational efficiency.  
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Vanderlande provides comprehensive solutions for airport logistics, capable of meeting the full spectrum of airport demands. From bag drop and passenger security checks to onward conveyance, storage, sortation, flight make-up, and baggage reclaim, the company offers a complete range of systems, software, and life-cycle services tailored to enhance operational efficiency.  
[www.vanderlande.com](http://www.vanderlande.com)



# Let's partner up!

By working together, we can shape the future of Indonesia's aviation sector. Let's share knowledge, expertise, and innovative solutions to drive sustainable airport development.

## Cluster contacts:

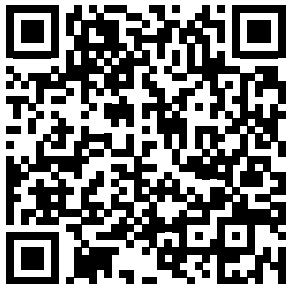


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