ICAO

Hosted by

CAAT
สำนักงานการบินพลเรือนแห่งประเทศไทย
The Civil Aviation Authority of Thailand

AIR NAVIGATION WORLD

ADVANCED AIR MOBILITY

AAM 2026

1 - 3 December | Bangkok, Thailand

Programme

Day 1 – Tuesday 01.12.2026 High-level Segment and reflecting on the Call to Action from AAM 2024	
Time	**Event**
09:00 – 09:30	**Welcome Remarks**
09:30 – 09:45	**Opening Keynote**
09:45 – 10:55	**High-level panel on the current status of AAM global deployment** This opening panel brings together leading stakeholders in the Advanced Air Mobility (AAM) sector to assess progress since AAM 2024. Building on the momentum of the previous symposium, the discussion offers a strategic overview of how the AAM ecosystem has evolved over the past two years - technologically, economically and operationally. Regulators, industry innovators and infrastructure developers, will examine the current state of AAM deployment worldwide. The panelists will reflect on tangible advances in aircraft certification, the development of automation and autonomy capabilities, vertiport planning, operational frameworks, and early commercial service applications and demonstrations. This session sets the foundations for the conversations ahead on understanding, building, and governing the AAM ecosystem.
10:55 – 11:25	**Coffee Break**
11:25 – 12:35	**From peacekeeping to humanitarian response: AAM lessons from UN missions** The United Nations (UN) System is playing a central role in advancing the safe, responsible, and socially beneficial development of AAM. Through humanitarian operations, development initiatives, and peacekeeping missions, the UN has gained extensive operational experience with unmanned aircraft systems (UAS), including Beyond Visual Line-of-Sight (BVLOS) operations and emerging electric vertical take-off

	and landing (eVTOL) technologies, often in some of the world's most challenging environments. This session will highlight insights gathered through the UN Unmanned Aviation Coordination Forum, demonstrating how innovation can align with international frameworks while supporting the Sustainable Development Goals and promoting inclusive access to new mobility solutions.
12:35 – 12:50	INDUSTRY SKYTALKS
12:50 – 14:20	**Lunch Break**
14:20 – 15:20	**Understanding AAM** AAM as a complex and rapidly evolving ecosystem, requires close collaboration among diverse stakeholders to fully understand its opportunities and challenges. This Panel will share insights from recent developments across various domains, illustrating the complexity and interdependence of emerging capabilities and the value of research and data gathered from early UAS/eVTOL operations and UTM services in shaping future applications and requirements. The discussion will highlight ongoing initiatives launched in response to the 2024 Call to Action, examining key challenges, system architecture, operational frameworks, safety baselines and early deployment models. The Panel will also reflect on the ICAO's progress in shaping its AAM Vision which is not only strengthening collective understanding of AAM but also supporting the emergence of globally aligned efforts that are essential for international convergence.
15:20 – 15:40	**Q&A Session**
15:40 – 16:10	**Coffee Break**
16:10 – 17:10	**Building AAM infrastructure** The development of AAM requires robust, integrated

	infrastructure capable of supporting the seamless introduction of innovative aircraft into existing aviation systems. This panel will explore the critical infrastructure enablers needed to bridge the gap between today's aviation capabilities and the operational characteristics expected of AAM. Bringing together leaders from airport and vertiport operations, infrastructure development, local and regional authorities, digital service providers and aircraft manufacturing, the panel will assess the current state of AAM infrastructure readiness worldwide. Panelists will explore how physical and digital infrastructure must evolve in parallel, from vertiport design, charging and energy systems, and ground-access connectivity to data networks, flight-path management, cybersecurity and the integration of UAS Traffic Management (UTM) with Air Traffic Management (ATM).
17:10 – 17:30	**Q&A Session**
17:30 – 17:45	**Presentation of the Bangkok AAM Statement**
17:45 – 18:00	INDUSTRY SKYTALKS
18:00 – 21:00	**Reception**
	End of Day 1

Day 2 – Wednesday, 02.12.2026 Reflecting on the Call to Action from AAM 2024 and building around consequential items to be addressed	
Time	**Event**
09:00 – 09:10	**Daily Kick-off**
09:10 – 09:25	**Keynote**
09:25 – 10:25	**Supporting, governing and regulating AAM** As AAM moves closer to operational deployment, the development of coherent future-ready governance and regulatory frameworks become essential to ensuring safety, public trust and global interoperability. Regulators, policymakers, and operational authorities from across the AAM ecosystem will review ongoing rulemaking and oversight activities, reflect on progress since AAM 2024 and identify the work that still lies ahead. Panelists will explore how standards and regulatory frameworks for airworthiness, operations, airspace integration, safety management and environmental considerations are evolving in response to emerging technologies and operational concepts. They will also consider where further global convergence is needed to enable safe, scalable and internationally harmonized AAM operations
10:25 – 10:45	**Q&A Session**
10:45 – 11:15	**Coffee Break**
11:15 – 12:15	**New approaches to managing airspace** The integration of AAM represents one of the most complex challenges facing aviation today, requiring fundamental shifts in how we conceptualize, manage, and operate a wide variety of aircraft within shared airspace. This panel will explore innovative airspace management approaches capable of

	accommodating the diverse operational requirements of AAM while preserving the safety and efficiency of conventional aviation. Panelists will examine emerging approaches designed to meet evolving operational demands while maintaining the predictability and performance of existing air traffic management. Bringing together experts from air navigation service providers, regulatory authorities and technology developers, the panel will discuss forward-looking ideas that challenge long-standing assumptions about airspace design and management, as well as foundational principles of accountability and responsibility in aviation operations. Topics will include dynamic airspace allocation, collaborative separation services, data-driven ATM, UTM-ATM interoperability, evolution of flight rules, strategic deconfliction and the growing role of automation and real-time information sharing
12:15 – 12:35	**Q&A Session**
12:35 – 12:50	INDUSTRY SKYTALKS
12:50 – 14:20	**Lunch Break**
14:20 – 15:20	**The evolution of the role of the human** This panel will examine how human involvement is evolving across the AAM ecosystem, as automation increases and operational concepts mature. From traditionally piloted operations to future models involving human oversight supported by system-wide automation, panelists will explore how these shifts redefine responsibilities, decision-making and coordination between people and the technologies they interact with. The discussion will consider how emerging operational models can accommodate the distinctive characteristics of AAM, including higher traffic density, diverse aircraft

	performance profiles and varying levels of autonomy, while ensuring safe, predictable and efficient integration into the wider aviation system.
15:20 – 15:40	**Q&A Session**
15:40 – 16:10	**Coffee Break**
16:10 – 17:10	**Certification pathways for Advanced Air Mobility: Navigating safety in a transforming aviation ecosystem** AAM introduces new aircraft designs, operating concepts and market entrants, many emerging from innovative ecosystems outside conventional aviation. As the sector evolves, robust certification and airworthiness frameworks are essential to ensuring safety, public trust and scalable global operations. This panel will provide a strategic overview of certification fundamentals: what certification entails, why it exists, and how it enables innovation while upholding aviation's high safety standards. Drawing comparisons with other regulated sectors such as the automotive industry, the discussion will explore how certification establishes clear chains of responsibility, accountability and risk management across the aviation ecosystem. Panelists will also examine how certification can support global harmonization, ensuring that new aircraft, systems and operations meet consistent safety expectations while enabling the responsible development of new markets, and can integrate safely into the wider aviation system.
17:10 – 17:30	**Q&A Session**
17:30 – 17:45	INDUSTRY SKYTALKS
19:00 – 22:00	**Gala Dinner/ Networking Reception**
	End of Day 2

Day 3 – Thursday, 03.12.2026 Standardize and move forward	
Time	**Event**
09:00 – 09:15	**Daily Kick-off**
09:15 – 10:15	**Automation and autonomy** Automation is a critical enabler for managing the increasing complexity, diversity and density of aviation operations, particularly within AAM. Its purpose is to optimize the interaction between humans and automated systems, enhancing safety, efficiency and overall system performance in an increasingly digital environment. In AAM, automation plays a central role in shaping how aircraft operate, integrate into the airspace and leverage advanced technological solutions to ensure the safe and efficient coordination of all airspace users. Bringing together industry leaders, this panel will examine how increasing levels of automation are underscoring the need for fit-for-purpose certification, informing risk-based operational frameworks and oversight models, and shaping what safe and scalable integration of AAM into the broader aviation system will require.
10:15 – 10:35	**Q&A Session**
10:35 – 10:50	INDUSTRY SKYTALKS
10:50 – 11:20	**Coffee Break**
11:20 – 12:20	**Legal challenges around AAM** As AAM moves from concept to operational reality, it introduces a complex landscape of legal and regulatory challenges. Integrating innovative aircraft such as eVTOLs and UAS into existing aviation frameworks raises questions

	that extend well beyond technical and operational considerations. Legal experts and industry stakeholders will explore challenges including liability, insurance, certification, airspace usage rights, privacy and data protection. The panel will also address cross-border operations and the development of international standards, both of which are critical as AAM services increasingly span multiple jurisdictions. In parallel, novel questions are emerging around accountability for system failures, human oversight requirements and liability frameworks for both airborne and ground-based systems.
12:20 – 12:40	**Q&A Session**
12:40 – 12:55	INDUSTRY SKYTALKS
12:55 – 14:25	**Lunch Break**
14:25 – 15:25	**Turning Vision into Action** This closing panel brings together the central themes of the symposium: understanding the AAM ecosystem, building the necessary infrastructure and establishing the frameworks that will enable safe AAM deployment. Translating ambitious concepts into concrete action requires coordinated efforts across technology and infrastructure development, workforce readiness, community engagement and the creation of robust regulatory foundations. Panelists will focus on transforming high-level objectives into actionable roadmaps, aligning multi-stakeholder priorities, securing funding and investment and establishing operational standards that support scalable, reliable and internationally harmonized AAM operations. The panel will explore strategies for prioritizing actions, mitigating risks and supporting steady, methodical progress, while maintaining safety, public trust and environmental responsibility.

15:25 – 15:40	**Wrap-up of the AAM 2026 and closing remarks**
15:40 – 16:30	**Transport to the AAM in-flight Demonstration venue**
16:30 – 19:30	**AAM in-flight Demonstration organized by the Host State (TBC)**
	End of Day 3