

ASEAN デジタル・マスタープラン 2030 :

戦略的枠組みと実施に向けた見通し

ASEAN Digital Masterplan 2030:

Strategic Framework and Implementation Outlook

【要約】

ASEAN デジタル・マスタープラン 2030 (ADM 2030) は、2026 年に採択された、2026～2030 年の地域デジタル協力の指針を示す枠組みである。2021～2025 年に実施された前計画の成果を踏まえ、デジタルインフラ、政府、経済、安全、技能などの分野を対象に、統合的で安全かつ包摂的なデジタル社会の実現を目指している。全体ビジョンの下で 6 つの戦略目標を掲げるとともに、デジタル基盤整備、ガバナンス、産業高度化、イノベーション、AI・グリーン化、人材育成など 8 つの成果領域を設定し、段階的な取組の推進が想定されている。ASEAN 経済共同体戦略とも連動し、域内統合、競争力強化、持続可能な成長の中核としてデジタル化を位置付けている。

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Lead Paragraph

The ASEAN Digital Masterplan 2030 ([ADM 2030](#)) was officially adopted on January 16, 2026, at the [6th ASEAN Digital Ministers' Meeting](#) in Hanoi, Vietnam. This framework replaces the completed ASEAN Digital Masterplan 2025 (ADM 2025), which 82 approved projects were implemented during 2021-2025. ADM 2030 establishes ASEAN's digital cooperation agenda for 2026-2030, providing strategic direction for regional digital transformation across infrastructure, governance, economy, innovation, and skills development.

Vision and Strategic Objectives

Overall Vision:

"ASEAN as an integrated, secure, trusted, innovative and inclusive digital community, where citizens and businesses can access opportunities, build capabilities, and thrive in the global digital economy."

Six Strategic Objectives:

- **Strengthen Digital Government and Infrastructure** - Develop trusted, interoperable, and resilient digital government systems supported by secure infrastructure and strong data governance, providing capacity uplift for Member States at different readiness levels
 - **Empower People and Enhance Digital Public Services** - Support ASEAN citizens with skills, access, and user-centric digital government services to actively, safely, and meaningfully engage in the digital world
 - **Digitally Transform ASEAN Economies** - Boost regional productivity, support SMEs, and develop competitive digital industries aligned with global innovation trends
 - **Build a Trustworthy and Secure Digital Future** - Promote regional cybersecurity cooperation, risk management, and digital resilience across all Member States
 - **Leverage Digital Technologies and Solutions for Sustainable Development** - Align digital policy and innovation with climate, education, and inclusion goals to build a more sustainable and equitable future
 - **Foster Regional Collaboration and Global Leadership** - Strengthen ASEAN's position as a trusted and open digital region by enhancing cross-border interoperability, deepening strategic partnerships, and supporting shared capability development
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Framework Structure: Eight Desired Outcomes (DOs)

ADM 2030 operationalizes its vision through eight interconnected Desired Outcomes supported by specific Enabling Actions:

1. **DO1: Seamless and Inclusive Digital Infrastructure Across ASEAN**

- Expanding affordable broadband and 5G coverage to rural, remote, and underserved areas
- Supporting secure, interoperable, and rights-based national digital identity systems
- Strengthening cloud and data center environments

- Optimizing telecommunication infrastructure (5G/6G spectrum planning, MSS harmonization, satellite services coordination, submarine cable resilience)
- Operationalizing ASEAN framework on Digital Public Infrastructure (DPI) and ASEAN Digital Stack

2. DO2: Sustainable and Intelligent Digital Government

- Promoting user-centric, interoperable, and secure digital government platforms
- Encouraging AI and data analytics for evidence-based policymaking
- Expanding digital public services for inclusive access
- Integrating sustainability and ESG considerations into digital government policies
- Enhancing digital competencies and change-management skills among civil servants
- Mainstreaming ADM 2030 principles into national digital strategies
- Strengthening digital technologies for Public Protection and Disaster Relief (PPDR) systems

3. DO3: Empowered, Safe, and Inclusive ASEAN Digital Society

- Promoting digital literacy, digital safety, and responsible digital participation
- Strengthening financial and entrepreneurial digital literacy for MSMEs, self-employed workers, and underserved groups
- Regional cooperation on digital trust, ethics, and responsible digital behavior (coordinated anti-scam efforts)
- Promoting inclusive access across geography, gender, economic status, employment types, and underserved communities
- Supporting lifelong digital skills development through open platforms and flexible learning models
- Establishing regulatory sandboxes and pilot initiatives for digital society solutions

4. DO4: Resilient, Secured, and Trusted Digital Ecosystem

- Promoting data protection and privacy regulations across Member States
- Enhancing mechanisms for trusted cross-border data flows and Privacy Enhancing Technologies (PETs)
- Promoting cross-border interoperability of Digital ID systems
- Strengthening national and regional cybersecurity capabilities (ASEAN Regional CERT, coordinated incident response)
- Supporting cloud security standards and trusted cloud services
- Promoting region-wide interoperability and open data standards
- Enhancing consumer protection and regional cooperation against digital fraud, online scams, and illicit online activities
- Strengthening regional data governance capabilities (shared guidelines, technical guidance, training modules, peer-learning)

5. DO5: Thriving ASEAN Innovation and Start-up Ecosystem

- Promoting adoption and innovation through regulatory sandboxes, pilot projects, and regional testbeds
- Promoting open data policies and innovation-friendly data ecosystems
- Supporting ASEAN creative economy through digital platforms and cross-border content innovation
- Supporting cross-sectoral STI collaboration, technology transfer, and commercialization (including spin-offs and joint ventures)

- Strengthening access to finance for ASEAN's digital innovation and start-up ecosystem
6. **DO6: Smart and Digitally Transformed ASEAN Industries**
- Developing common principles and interoperability guidelines for shared industrial digital platforms (smart factories, digital twins, industrial data spaces)
 - Promoting ASEAN industrial participation in global digital supply chains
 - Supporting DEFA implementation through digital enablers
 - Enhancing MSME adoption of enabling technologies and integration into high-impact industries
 - Supporting relevant sectoral bodies in promoting automation and advanced digitalization for industrial supply chain resilience
7. **DO7: Sustainable, Green, and AI-Driven Digital Transformation**
- Promoting green and energy-efficient digital infrastructure and data centers
 - Developing regional measurement and reporting framework for environmental impacts of digital activities
 - Promoting circular economy practices in the digital sector
 - Scaling up digital technologies for green development and sustainable solutions (AI for environmental monitoring, resource management, climate resilience)
 - Integrating green and sustainability criteria into national and regional digital transformation policies
 - Operationalizing ASEAN Guide on AI Governance and Ethics, Generative AI expansion, and ASEAN Responsible AI Roadmap
 - Strengthening ASEAN's collective capacity for AI through regional coordination mechanisms (ASEAN Working Group on AI Governance, ASEAN AI Safety Network)
 - Developing regional guidance on AI risk oversight, safety, and adaptive regulatory approaches
 - Developing globally aligned ASEAN AI standards and participating in global AI governance frameworks
 - Developing ASEAN Digital Outlook to monitor digital trends, emerging technologies, and sustainability practices
8. **DO8: Digital Talent and Future Skills**
- Developing advanced digital skills and capacity-building programs for emerging technologies and future workforce needs
 - Strengthening collaboration between governments, industry, and research institutions
 - Supporting regional centers of excellence in emerging and frontier digital technologies
 - Exploring cross-border recognition of digital qualifications and credentials
 - Promoting sustainable, inclusive, and future-ready digital workforce policies
 - Supporting cross-sectoral efforts in workforce development and protection through digital tools and IoT-enabled solutions
 - Developing high-quality ASEAN digital talent to support growth, competitiveness, and resilience
 - Promoting inclusive reskilling and upskilling initiatives for MSMEs and gig workers
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Implementation Framework

Timeline Approach:

- **2026-2028:** Foundation-building phase focused on capability uplift, interoperability frameworks, and pilot deployments
- **2029-2030:** Consolidation and scaling phase building on earlier groundwork for cross-border interoperability and trusted digital services
- **Beyond 2030:** Longer-term initiatives requiring sustained investment, coordination, or continued evolution (e.g., advanced industrial digitalization, large-scale infrastructure partnerships, regional talent mobility frameworks)

Priority Levels for Enabling Actions:

- **High (H):** Foundational enablers, critical trust/security elements, high-impact interventions essential to achieving core objectives; expected to be initiated early in implementation cycle
- **Medium (M):** Actions supporting consolidation, scaling, or policy alignment; building on earlier groundwork; allowing for differentiated implementation across Member States
- **Low (L):** Longer-term, context-dependent, or enabling actions that complement higher-priority initiatives; may be pursued progressively based on national readiness and available resources

Alignment with ASEAN Economic Community (AEC) Strategic Plan 2026-2030

ADM 2030 is closely aligned with the AEC Strategic Plan 2026-2030 and its Strategic Measures, for which ADGSOM has been designated as Lead or Co-Lead sectoral body. This ensures:

- Digital agenda contributes directly to ASEAN's economic integration priorities
- Role of digital transformation as cross-cutting enabler of growth, competitiveness, and resilience
- Coherence, complementarity, and visibility of ASEAN's digital cooperation efforts across all three pillars

The Masterplan reflects assessment of global trends, stakeholder consultations, and lessons learned from previous implementation cycles, positioning digital transformation as a driver of inclusive development, innovation, and long-term sustainability across the ASEAN region.