

AI and Development

AIxADB: Charting the Course for AI-powered Development across Asia and the Pacific



Dr. Meri Rosich



Asia Pacific Will Lead the Global AI Revolution

60% of global population

UN Population Statistics 2023

Drives 42% of global AI investments \$89B

IDC Asia/Pacific AI Report 2023

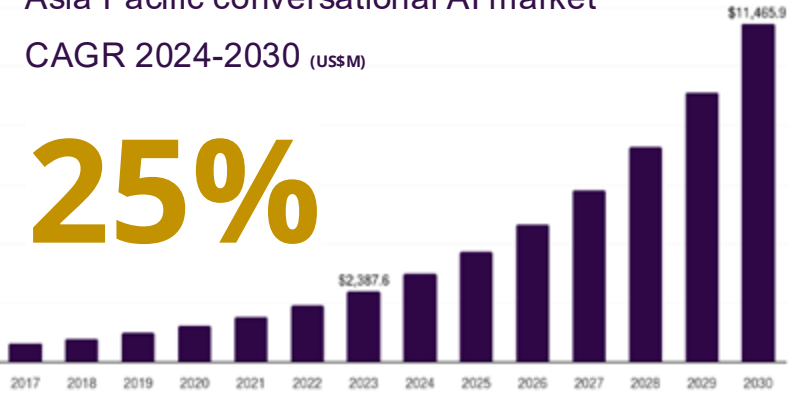
Asia Pacific AI market to reach \$134B by 2027

IDC Asia/Pacific AI Report 2023

Asia Pacific conversational AI market

CAGR 2024-2030 (US\$M)

25%



The Old Development Playbook No Longer Works

91% of APAC businesses
accelerated digital
transformation in 2023

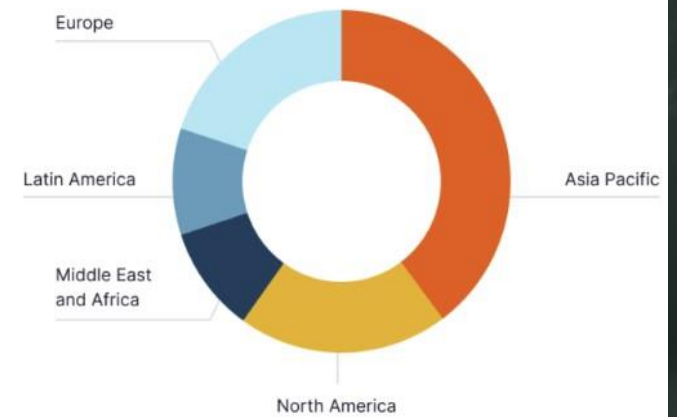
IDC APAC Digital Transformation Survey 2023

72% of APAC organizations
have adopted or are
implementing AI solutions

IBM Global AI Adoption Index 2023

Thanks to data and AI we can
transform with new approaches

Artificial Intelligence in the Renewable Market Share by Region



Source: www.precedenceresearch.com



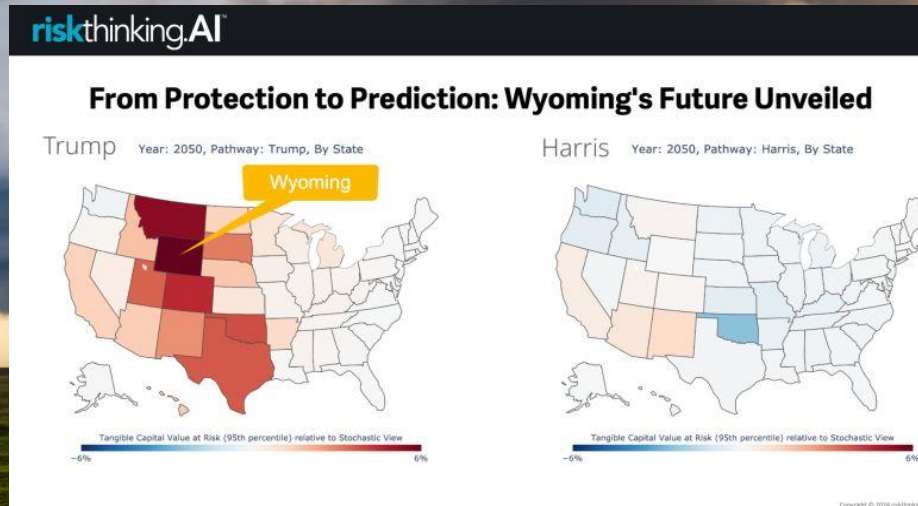
Climate Risk Demands Smarter Development Now

**\$2.8T in regional GDP at risk
from climate impacts by 2050**

McKinsey Global Institute "Climate Risk and Response in Asia" 2023

**75% of global disaster-related
deaths occurred in Asia Pacific**

UN ESCAP 2023



Digital Infrastructure Changes Everything

**ASEAN digital economy
reached \$200B in 2023**

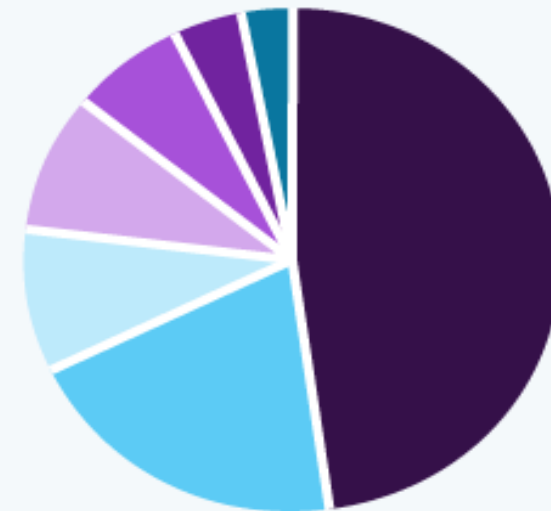
Google, Temasek, Bain e-Conomy SEA 2023
Report

**\$1.7 T required
for digital infrastructure by 2030**

ADB Infrastructure Needs Report

Asia Pacific Smart Cities Market

Share, by Country, 2023 (%)



● China ● Japan ● Australia ● India ● Singapore ● Thailand ● Vietnam

Innovation Thrives in Regional Diversity

The region filed 67% global
AI patents and 65% of all 5G
patents globally

IPlytics Platform 2023

\$118B invested in
APAC tech
innovation

KPMG Venture Pulse 2023

China, Japan, and Korea lead in
AI research publications

Stanford AI Index 2023

Smart Cities Lead Urban Transformation



104 smart cities
projects active
across ASEAN
ASEAN Smart Cities Network 2023

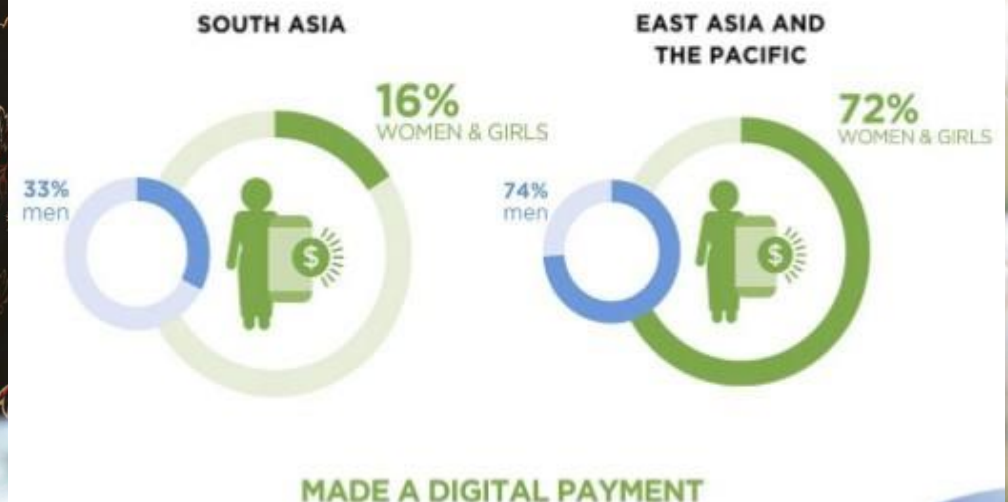
Local Solutions Show Higher Impact

Asia Pacific startups
raised \$74.1B in 2023

CB Insights State of Venture Capital 2024

Financial inclusion improving

UN Women Asia and the Pacific



Digital Skills Define Future Readiness

47M new digital economy jobs
expected in ASEAN by
2030 World Economic Forum Future of Jobs Report
2023

Future of Jobs

Reskilling needs

WORLD
ECONOMIC
FORUM

44%

of workers' core skills
are expected to change
in the next five years



Source: World Economic Forum,
Future of Jobs Report 2023.

Data Collaboration Drives Responsible AI Innovation

Digital transformation
could add 0.8% to annual
APAC GDP growth

ADB Digital Economy Report 2023

92% of APAC organizations
prioritize responsible AI
implementation

IBM Global AI Ethics Survey

7 out of 10 ASEAN countries
have national AI governance
frameworks

ASEAN Digital Ministers' Meeting Report 2023

We can use AI To Transform Critical Sectors

1. Energy & transport
2. Buildings
3. Agriculture



Asia Pacific's Energy Revolution Demands Smart Solutions



Renewable energy investment in APAC reached \$331B in 2023, \$3.3 trillion in power generation over the next decade

Wood Mackenzie

EV sales in APAC grew 78% YoY

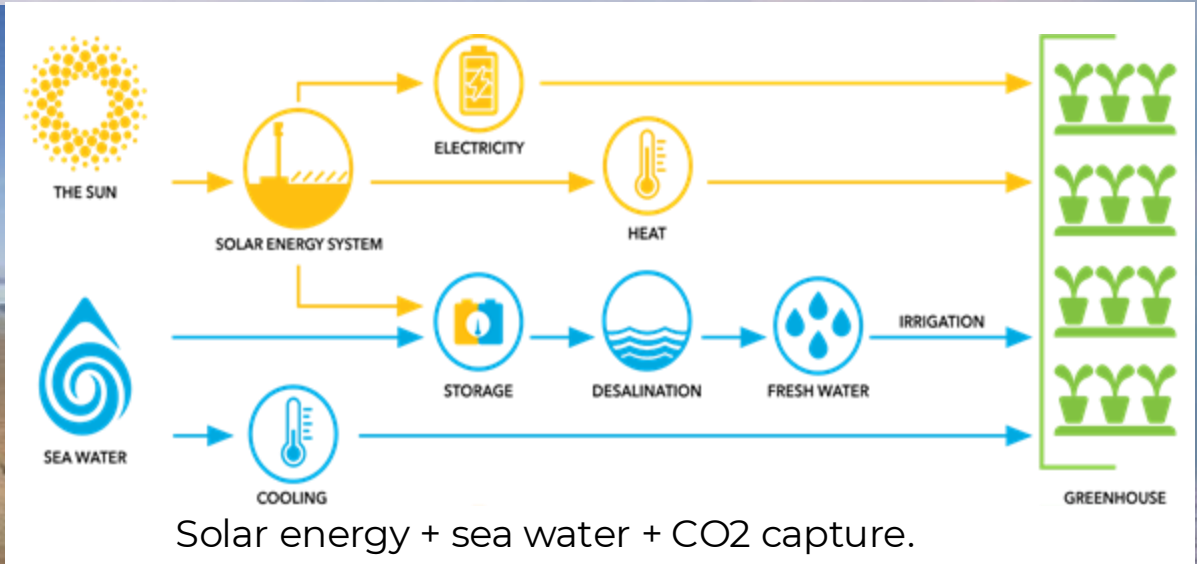
Bloomberg NEF 2023

Buildings Become Climate-Smart Through AI

Green building market in APAC
valued at \$92.5B in 2023

World Green Building Council Asia Pacific Report

Agriculture Transforms Through Smart Technology



AI in agriculture market
reaching \$4.3B in APAC

Markets and Markets 2023

Smart Development Is No Longer Optional

What

Data and AI
New materials
Food systems

How

Close data gaps
Fund faster
Collaborate to scale

Thank you

Vision and Action: Towards a Smart and High-Quality Development

Dr Meri Rosich

