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DIGITAL TECHNOLOGY FOR DEVELOPMENT

Sustainable Development and Climate Change Department

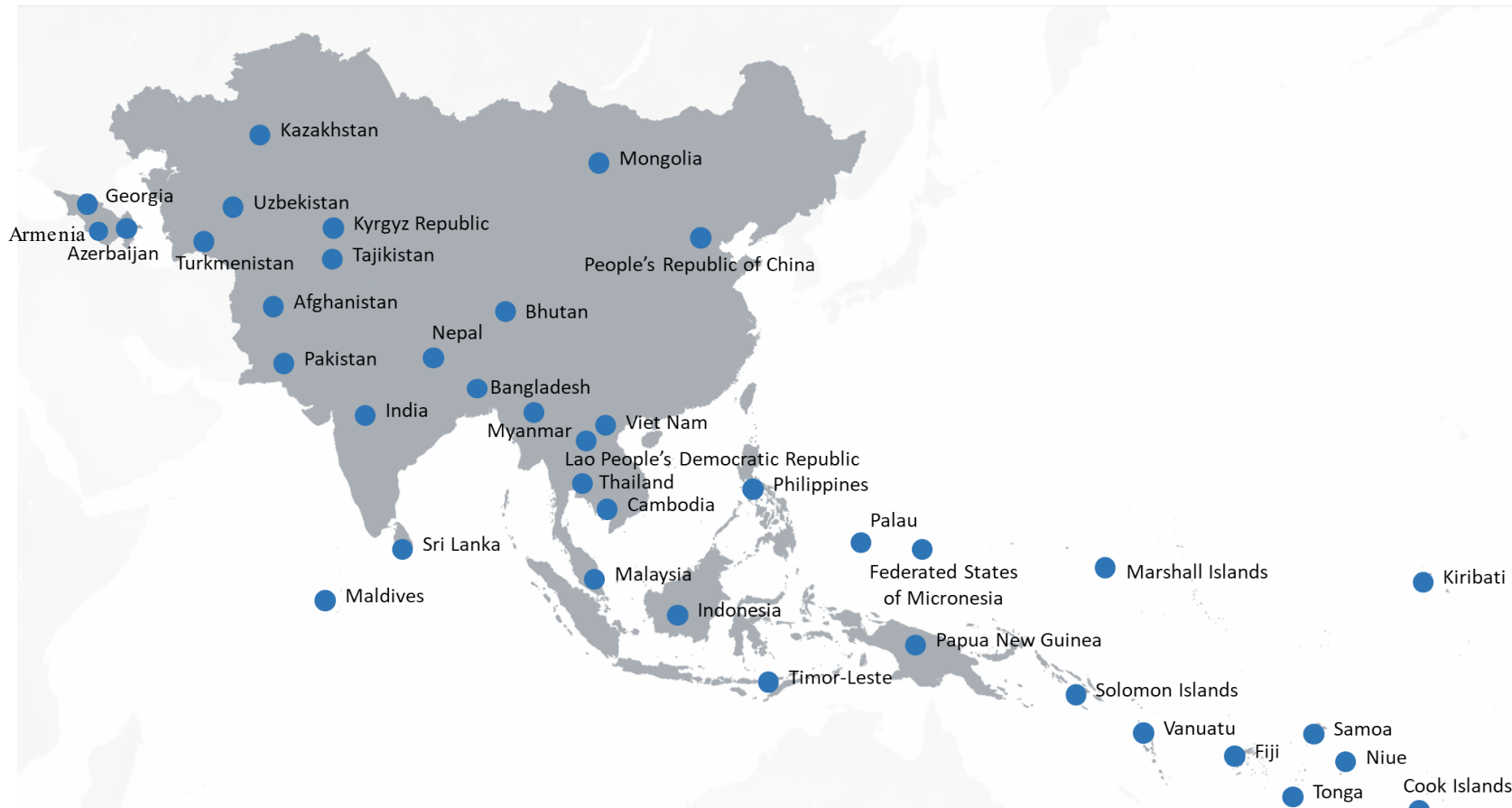
ADB KEY FACTS

- Founded 1966, 68 members, 3200 staff from 60 countries
- Total capital: \$152 billion, annual commitments: \$32B
- Covid-19 Response: \$20 billion, plus \$9 billion for vaccine access & distribution



ADB DEVELOPING MEMBER COUNTRIES

- Wide range of development contexts and challenges
- 17 Sector and Thematic Areas



Agriculture and Food Security
Climate Change & Disaster Risk
Management
Education
Energy
Environment
Finance Sector
Gender and Development
Governance and Public Management
Health
ICT
Public-Private Partnerships (PPP)
Regional Cooperation and Integration
Social Development and Poverty
Sustainable Development Goals
Transport
Urban Development
Water

WHAT CAN ADB DO ON CONNECTIVITY?

Invest in infrastructure projects directly (public, private, PPPs)

- Submarine cables
- Communications satellites
- Broadband networks
- Last mile connectivity of key infrastructure (such as schools)

Grants and technical assistance

- Infrastructure support and project support

Policy actions

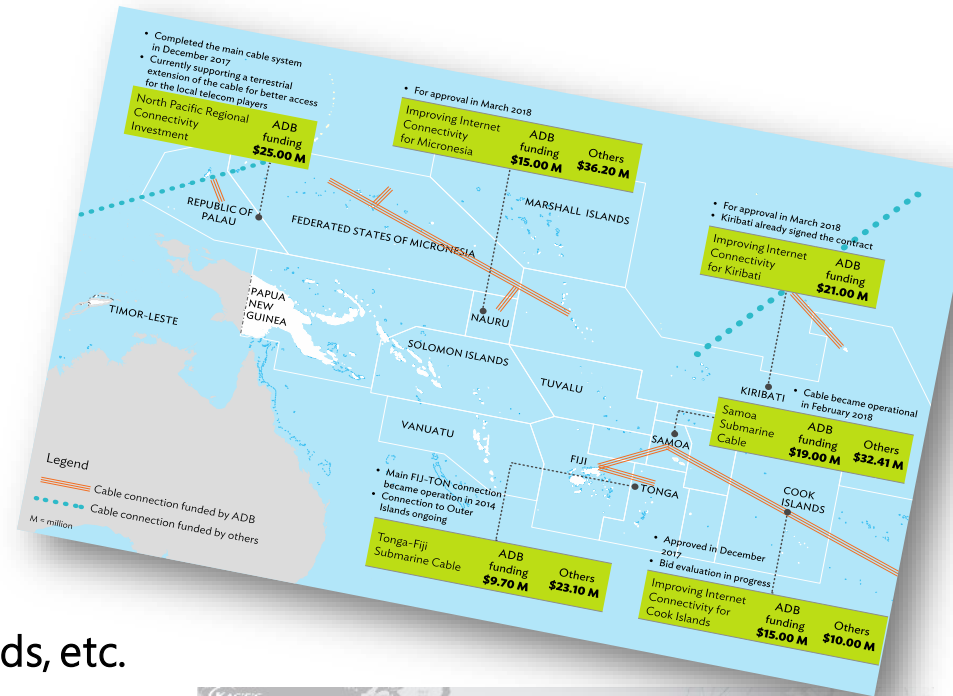
- Support national broadband plans, competition policy, rural access funds, etc.

Generate demand and urgency through development initiatives

- transport, energy, education, health, governance, environment, agriculture, etc.

Example: ADB connectivity projects:

- Pacific Submarine Cables
- Kacific Communications Satellite
- Philippines Shared Connectivity for Government



POTENTIAL ADB ENGAGEMENT ON LEO CONNECTIVITY

Gap analysis:

- Deep dives on coverage and capacity implications of LEO in a particular country
- Evaluate overall telecom ecosystem and role of satellite connectivity

Enabling environment:

- Regulatory assessments and policy advocacy
- Discuss satellite policy and infrastructure
- Conceptualizing Public Private Partnerships

Use cases and implementation:

- Review potential in socio-economic development programming
- Pilots within ADB operations (technology, business models, etc.)

Financing (sovereign and private capital):

- Investment into satellite (and adjacent) infrastructure
- Investment into telecom operations

