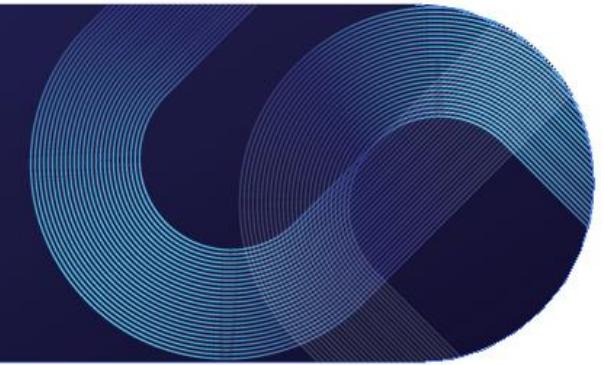


Finance for digital transformation

School of Digital Transformation and Innovation in the Caribbean 2025

16-20 June



Alejandro Forero

Senior Executive | Digital Transformation
Infrastructure Management for Development (GID)
Digital Transformation Directorate (DTD)



Contents

1. Digital Transformation and Inclusion in the Caribbean:
Context, Current Trends, and Challenges
2. Tools for financing Digital Transformation in our country
members
3. CAF's digital transformation and inclusion strategy
4. Some of our projects

1

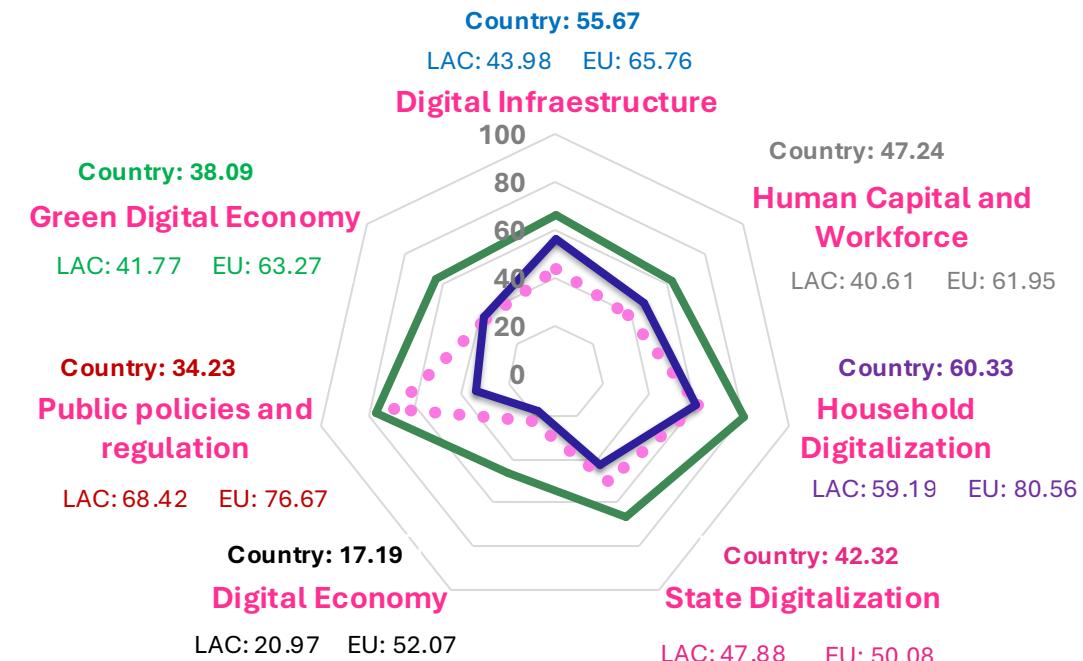
Digital Transformation and Inclusion in the Caribbean: Context, Current Trends, and Challenges



Barbados

Challenges in digital resilience

DEDI (Scale 0-100) – Year 2023



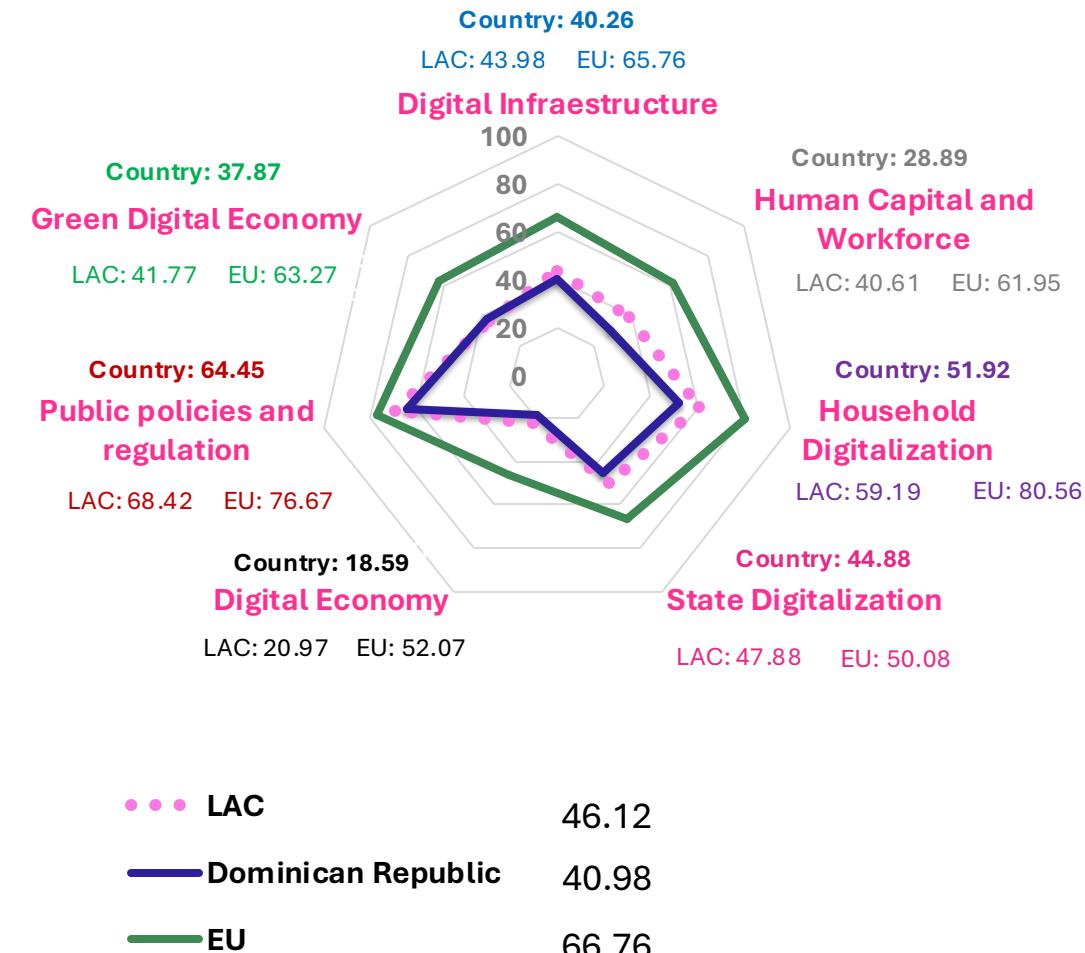
- • • ALC 46.12
- Barbados 42.15
- UE 66.76



Dominican Republic

Challenges in digital resilience

DEDI (Scale 0-100) – Year 2023

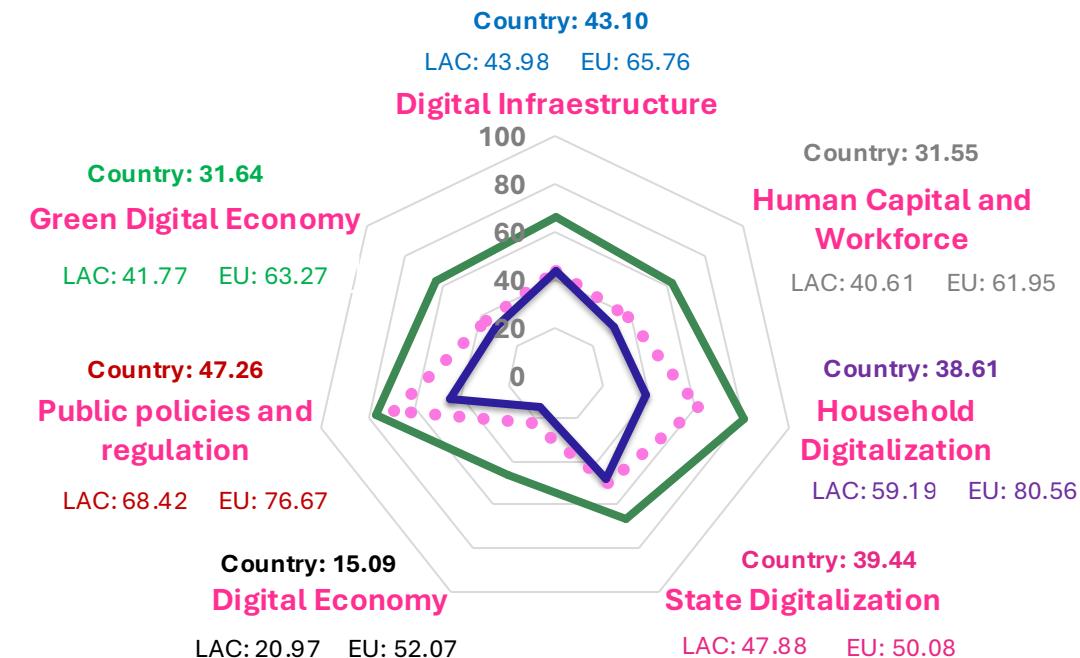




Jamaica

Challenges in digital resilience

DEDI (Scale 0-100) – Year 2023



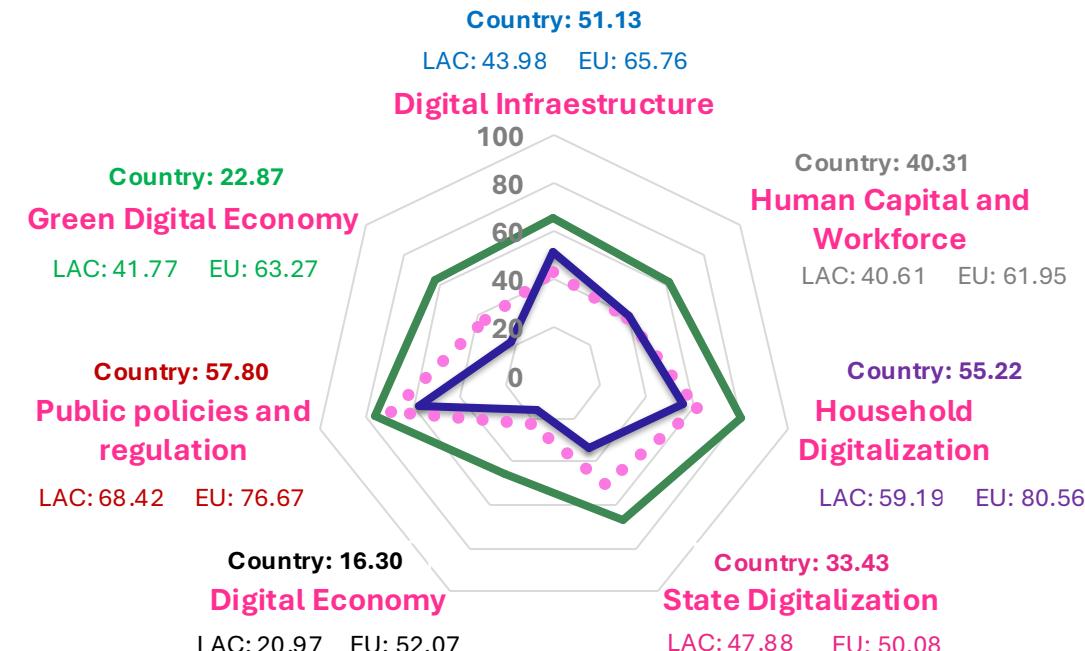
- LAC 46.12
- Jamaica 35.24
- EU 66.76



Trinidad and Tobago

Challenges in digital resilience

DEDI (Scale 0-100) – Year 2023



- • • LAC 46.12
- Trinidad and Tobago 39.58
- EU 66.76

2

Tools for financing Digital Transformation in
our country members



Lines of work

Loans

Lines of credit

Investments

Guarantees

Financial advice

Technical Cooperation

Knowledge

Climate change,
sustainability, and green
business

Sustainable and inclusive
growth

Increased productivity and
competitiveness

Physical and digital infrastructure

Energy transition, adaptation and climate resilience

Productivity and internationalization of SMEs

Business and technological innovation

Development of the financial market

Inclusive social welfare

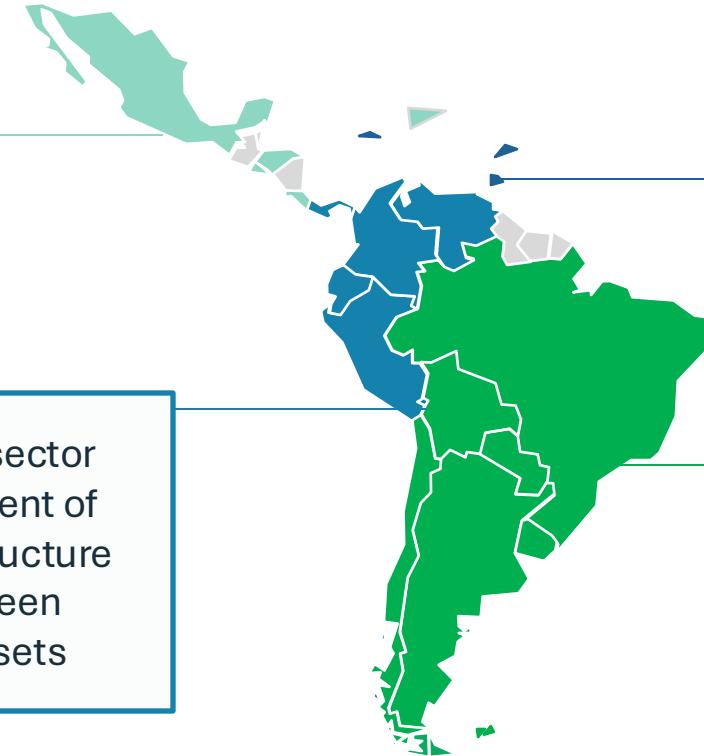
**With a sectoral
focus on the
following topics:**



Private Sector Investments

- Aimed at channeling capital resources to strategic sectors focused on the green agenda and sustainable and inclusive growth, generating a measurable impact on SDGs
- Investing through multinational funds with specialized managers, proven relevant experience, and solid ESG practices and impact measurement/reporting.

Greater reach , resource mobilization, adequate diversification in member countries



Initiatives to support the development and strengthening of entrepreneurship and private capital ecosystems (knowledge, best practices, support for associations and events).

Enable and enhance private sector participation in the development of strategically important infrastructure projects, climate change/green economy, and biological assets

Venture Capital (Venture Capital + Growth), focused on early-stage technology-based companies with disruptive business models, innovative and high-impact ventures



Digital transformation and inclusion program tools



Sovereign digital transformation loans -PPI (eg . Santa Fe + Connected in Argentina, connectivity and education; digital components in Brazilian cities, ARSAT)



Support for comprehensive digital transformation strategies and reforms SWAPs and PBLs (e.g. digital transformation in Panama and digital government in Colombia)



Technical assistance and knowledge generation (digital transformation strategies with potential for scaling on credit + generation of actionable knowledge: Digital Ecosystem Observatory, govtechlab . Digital Transformation



High-impact equity investments (public-private initiatives such as Internet for All in Peru; digital ventures in gov -tech startups)



Structured regional alliances (private companies, regional institutions and international organizations to catalyze resources) + best practice dialogues

3

CAF's digital transformation and inclusion strategy



CAF's digital transformation and inclusion strategy

Three pillars of action at the regional, national and subnational levels



Connectivity and digital inclusion

- Digital connectivity infrastructure (homes, schools, hospitals)
- Data storage and processing infrastructure
- Digitalization of water infrastructure (e.g. OSE 4.0), transport, mobility and energy



Innovation and digital modernization of the State

- Digital public infrastructures (digital identity, digital payments, data interoperability)
- Cybersecurity and AI
- Tax efficiency
- Integrity and transparency



Digitalization of economic sectors and the digital economy

- Industry 4.0
- Start -up for tech ecosystem (Agtech , Govtech , Fintech, Edtech , eHealth)

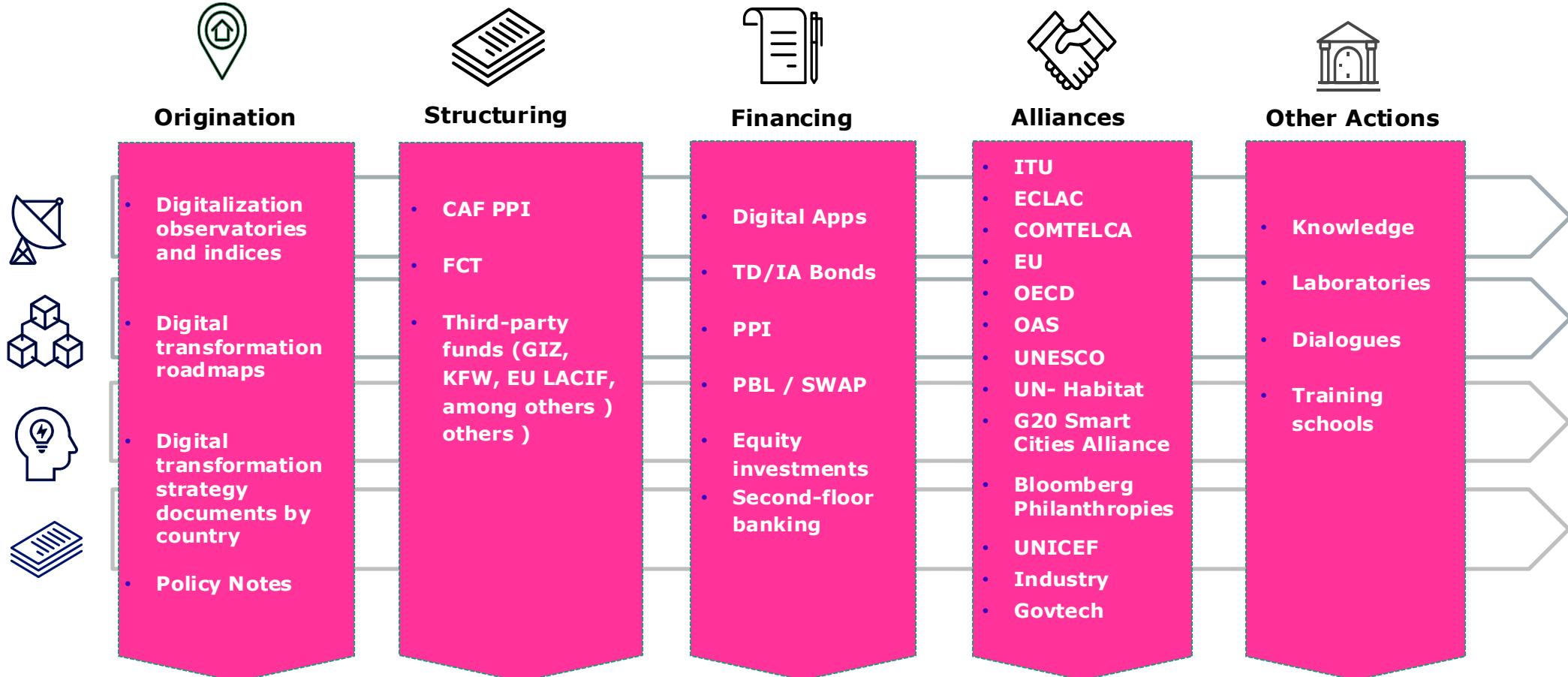
Enabled by the acceleration of innovation and critical and emerging technologies

Artificial Intelligence | Blockchain | Semiconductors

DIGITAL INFRASTRUCTURES AND TECHNOLOGIES AT THE SERVICE OF CITIZENS



Support Tools



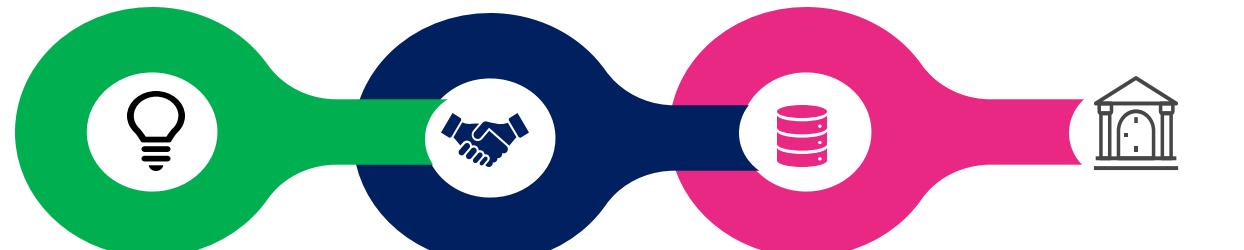


Cybersecurity Strategy for LAC: CyberCAF

Through proactive strategies and emerging technologies, it seeks to protect the region's critical infrastructure, minimize economic damage, and ensure social resilience in the face of future large-scale cyber events.

Technical Assistance

Knowledge



Alliances

for Dialogue and Technical Assistance

- » Breaks Information Asymmetries in the Cybersecurity
- » Capacity Building: Best Practices and Regional Coordination
- » Transform the way countries invest in cybersecurity
- » Transform national and regional cybersecurity governance in LAC



Cyber-infrastructure Financing

Trust, security and continuity of critical services and infrastructure

- » Promotes the adoption of digital innovations for cybersecurity in the region, such as AI.
- » Ensures the complete delivery of public goods: the sectors that CAF finances ensure the protection of their digital assets.



Knowledge generation

All our publications can be accessed at:

www.scioteca.caf.com

OBSERVATORIES AND INDEXES



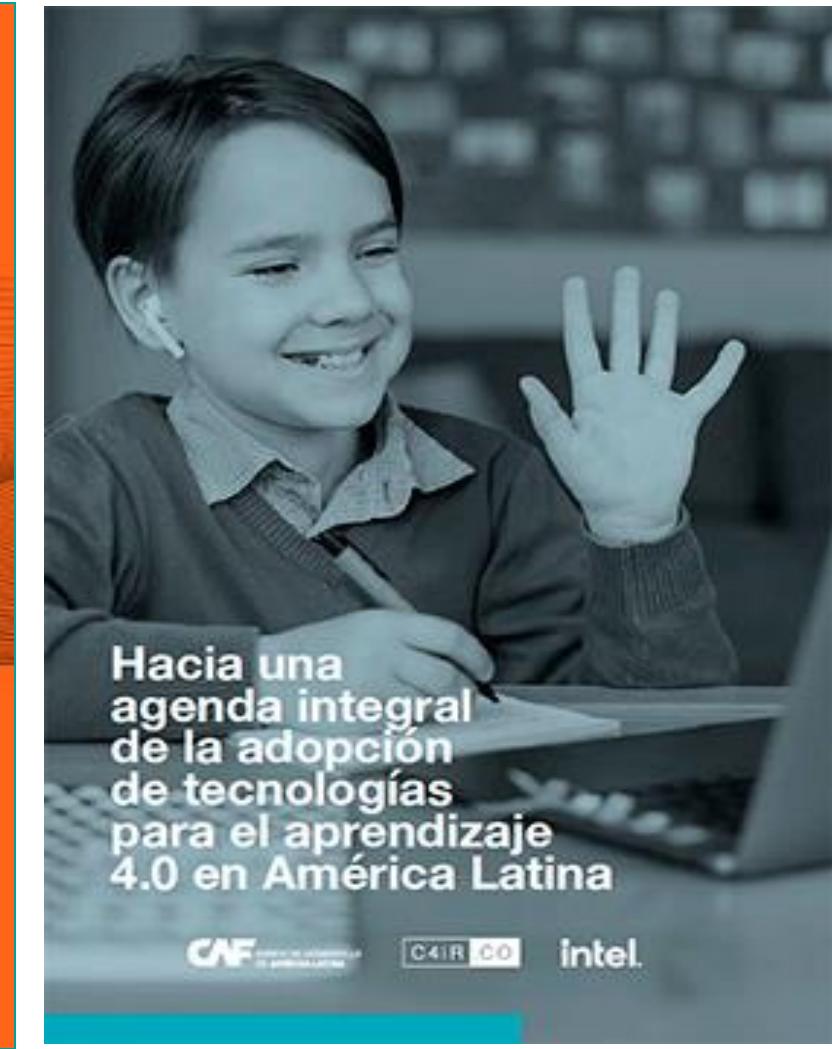
Colaboradores:



CONNECTIVITY AND DIGITAL INCLUSION

Hacia el cierre de la brecha digital

Modelos innovadores de financiamiento y factores de éxito en la estructuración de proyectos



DIGITAL INNOVATION IN THE PUBLIC SECTOR

Cybersecurity, Transparency, and Digital Identity



Revisión del Gobierno Digital en América Latina y el Caribe
CONSTRUYENDO SERVICIOS PÚBLICOS INCLUSIVOS Y RESPONSIVOS



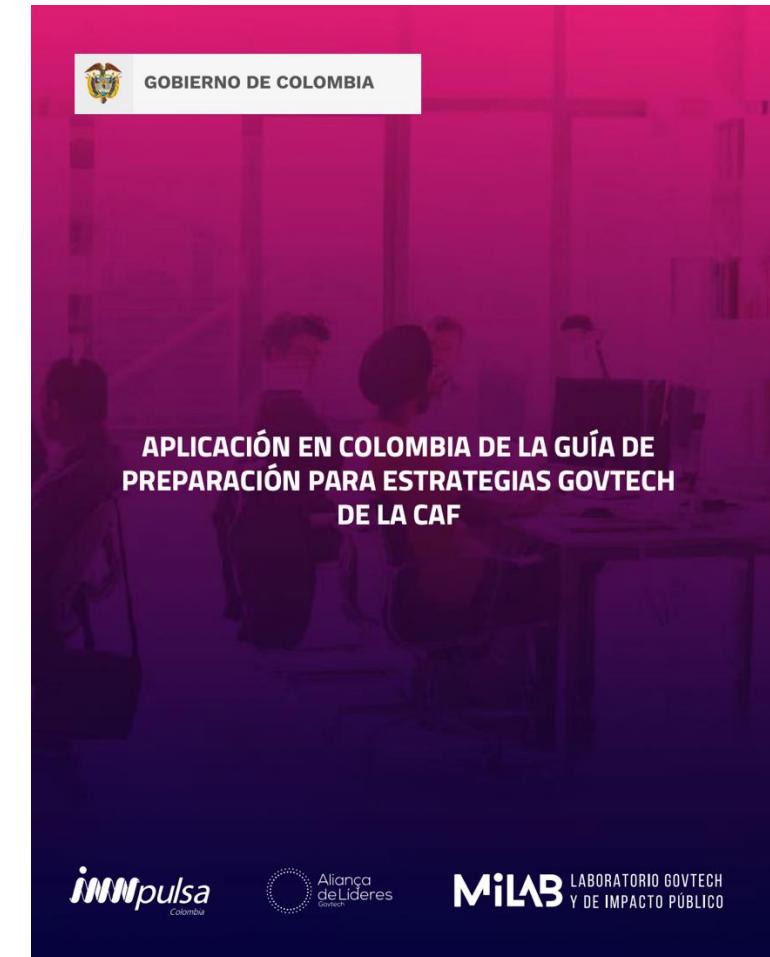
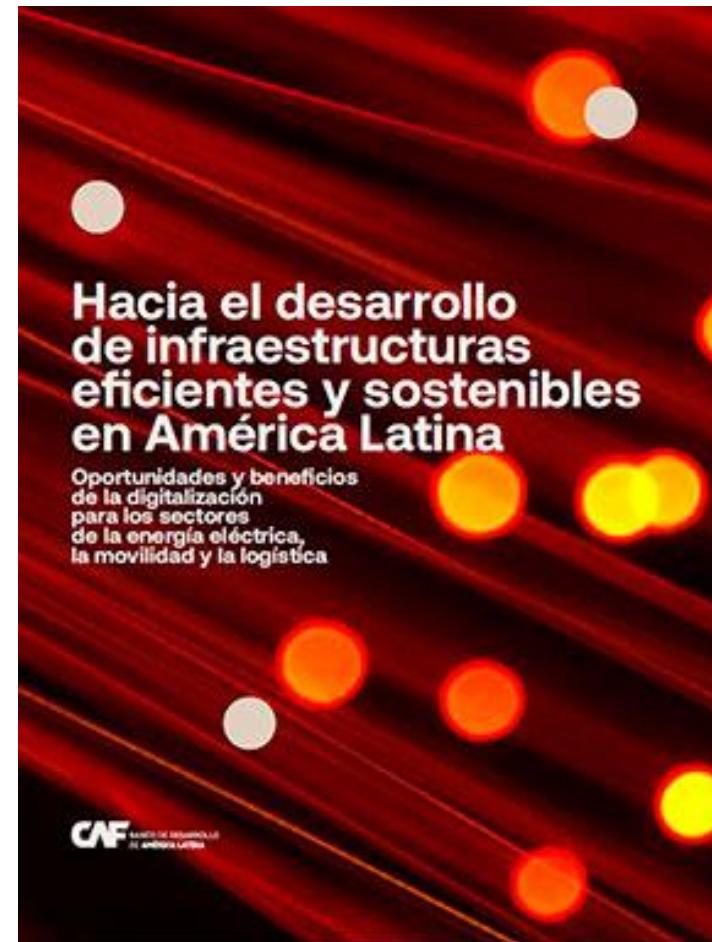
OCDE **CAF** BANCO DE DESARROLLO DE AMÉRICA LATINA Y EL CARIBE

Identidad Digital Autosoberana (IDA)
Hacia la construcción de una infraestructura pública digital en América Latina y Caribe

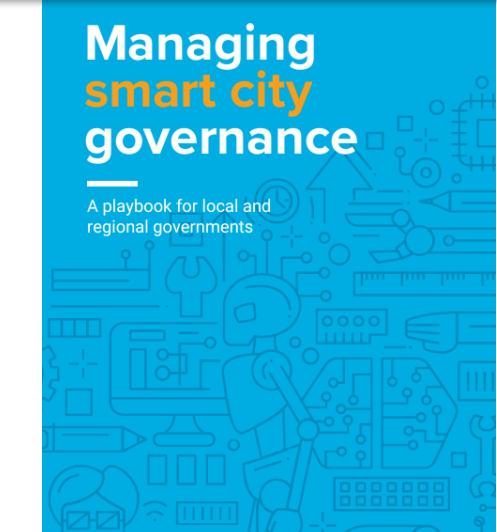
ARTIFICIAL INTELLIGENCE (AI)



DIGITAL ECONOMY



SMART & GREEN CITIES





The advancement of digitalization in the LAC region is based on seven major challenges

1. Addressing coverage, access, and affordability gaps through comprehensive digital inclusion initiatives
2. Increase investment in digital infrastructure to accommodate the growing traffic generated by the use of technologies and to support high-speed networks
3. Addressing the human capital gap, both in terms of basic training and in generating a critical mass of researchers and software developers in advanced technologies such as artificial intelligence and virtual reality
4. Accelerate the rate of innovation of the region's firms and governments by increasing public and, primarily, private investment in R&D to reach critical mass levels.
5. Promote the digital transformation of production processes, especially in the SME sector
6. Promote digital transformation processes in the State by harnessing the potential of emerging technologies, data, and public innovation.
7. Develop the circular economy and positive biodiversity through the use of digital technologies that contribute to CAF's Green Agenda

4

Some of our Projects are...



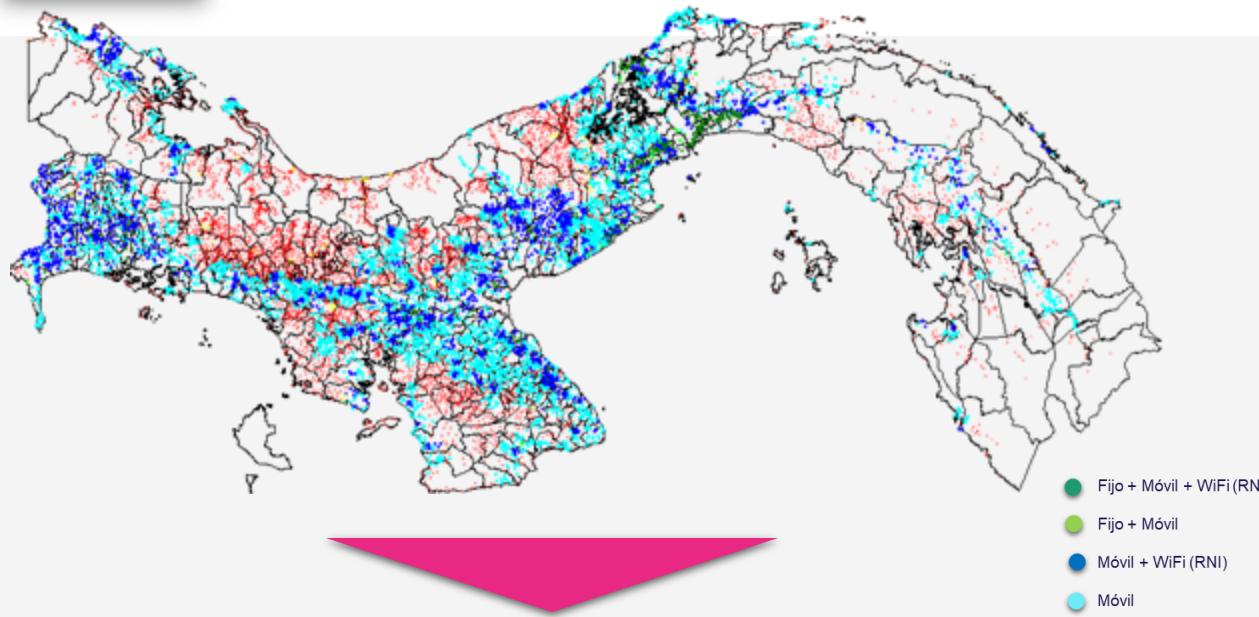
Roadmap applied to the economy, government, and digital inclusion – agro-industrial chain of ICA, Peru



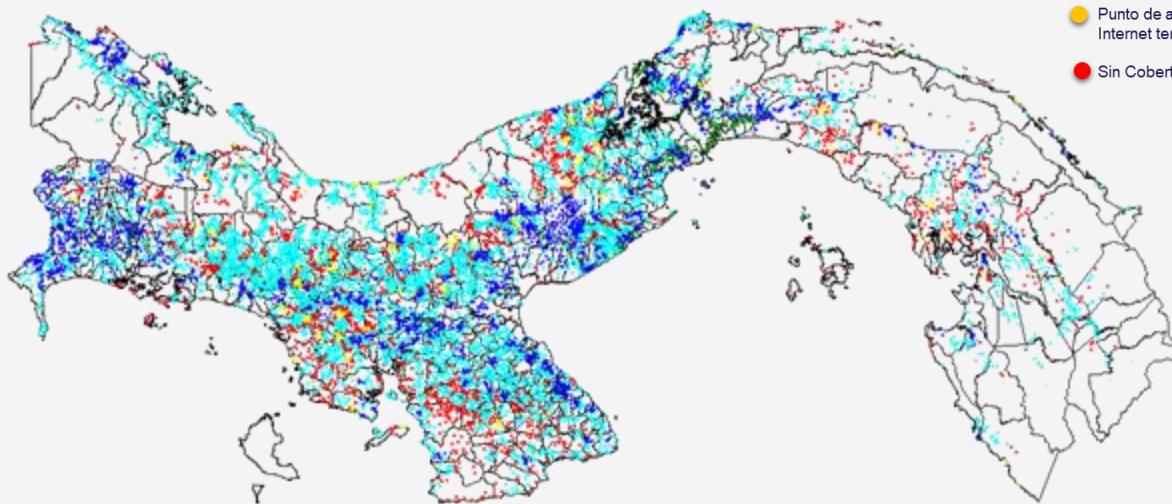


Panama 100% Digital – increasing coverage from 92% to 98% of the population

Current Situation (2021)



Projected situation with project implementation



Education



Health



Digital government



Financial Services



Strengthening tourism

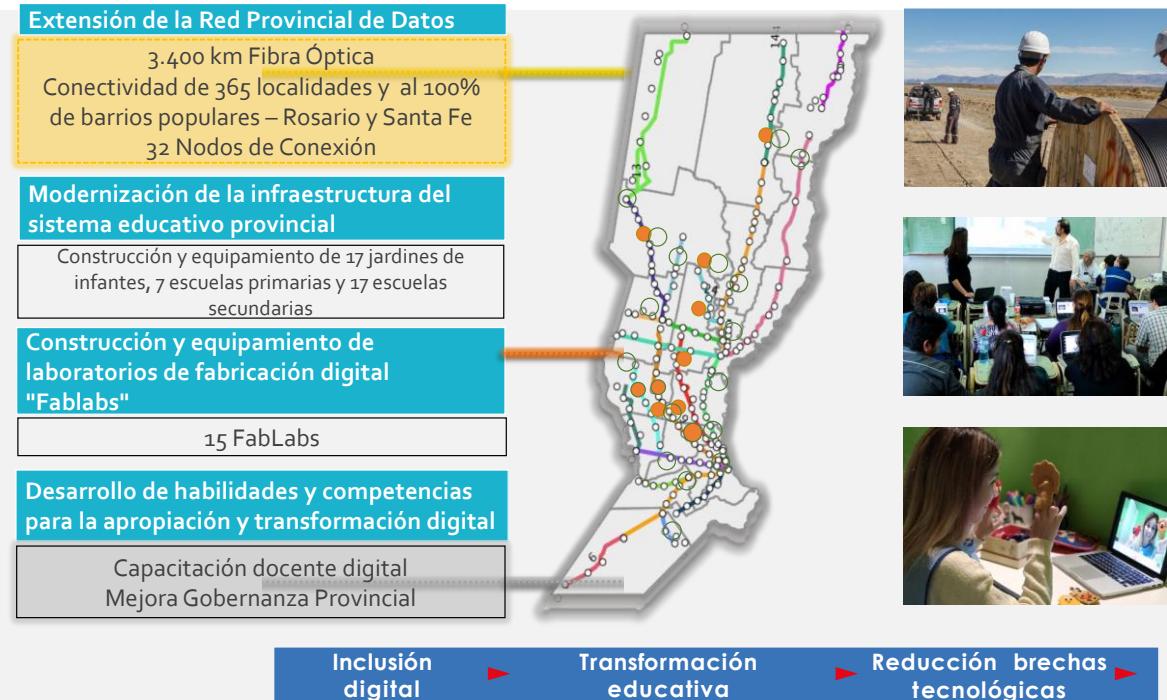


Innovation





Santa Fe + Connected Digital Inclusion and Educational Transformation Program

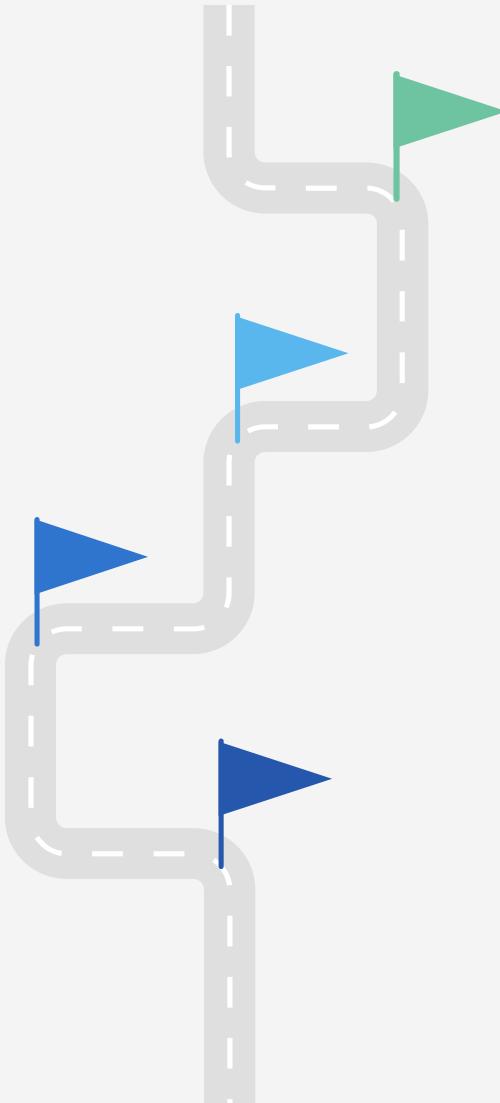


CAF Additionality

- 1 Optimization of projects and network operating scheme**
- 2 Synergies between the Public Energy Sector and Education**
- 3 Applied knowledge**



SALVADOR SMART CITY:



1- Accompany the Development of the Technology Master Plan based on a deep diagnosis of ISO dimensions



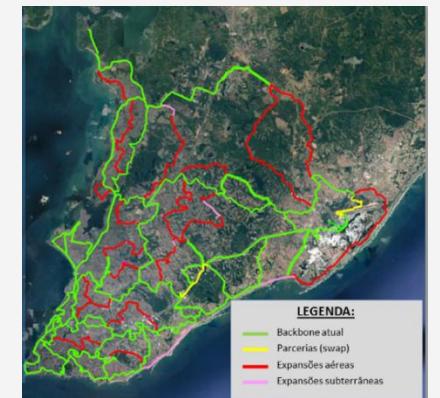
2- Metropolitan FO network

- 40 Gbps
- Flexible and scalable topology
 - 1,000 EDPs connected
 - 1,000 Wi-Fi hotspots
 - Connectivity to islands

3- Urban Cloud:

- Scalable
- Tier III Data Centers
- AI Data Lab and Cybersecurity

4- Governance / Institutionality



CAF Additionality:

- ✓ Support in the structuring/priority axes of intervention.
- ✓ Close monitoring of the development of the diagnosis and technical, economic, and governance recommendations for the projects to be implemented.
- ✓ Comprehensive systematization of the process. A benchmark for potential projects in Brazil and the region.



Support for the National Digital Transformation Policy of the State of Colombia



Promoción del uso estratégico de **datos e inteligencia artificial** (DAPRE, DNP, MinTIC)



Apoyo a la política de **mejora regulatoria** (DNP)



Fortalecimiento del **ecosistema GovTech** (Innpulsa – MiLab)



Creación de la plataforma de **analítica de redes para detectar riesgos de corrupción** (Secretaría de Transparencia)

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CAF BANCO DE DESARROLLO
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Y EL CARIBE

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