Ecuador
open to the world
Strengthening Democracy

- Ecuador’s reinstitutionalization
- Respect to the independence of State Powers
- Respect to freedom of expression
- Open and transparent government
Digital transformation

Digital citizens
Digital Transformation as State Policy

- 98% of connectivity
- 80% online procedures (e-government)
- Digital Economy
Ecuador Connected
Until 2021 we will grow:

From 50% to 80% 4G coverage.
From 26% to 65% 5 millions of new subscribers
of use of IMT-identified spectrum
How do we do it?

We develop the basis for the country to live the **5G experience**

5G pilot tests in Quito and Guayaquil on August and September

**IMT-identified Radio Spectrum**

- **26% assigned**
- **74% available**

- **New bands assignment will be promoted during 2019 - 2020**

- **2019:** 700 MHz - 2.5 GHz band
- **2020:** 3.5 GHz – 28 GHz band (on analysis)
Ecuador Efficient and Cibersecure
Online procedures: we launched the website www.gob.ec

We will increase our online procedures from 20% to 80% until 2021

100% until 2022
Simplification of procedures: State Policy

Organic Law for Optimization and Efficiency of Administrative Procedures

- 102 Number of institutions
- 4,149 Number of procedures

2019 Procedures Simplification Plan

- 300 deleted procedures
- 500 digitized procedures
- Payment and turn button implementation (2020)

Administrative cost of 4,149 procedures

CAF: Procedures simplification project in municipalities

BID: Simplification of 100 procedures in the productive sector

OCDE: Regulatory Improvement Study

(Development Bank of Latin America): Procedures simplification project in municipalities

(Inter-American Development Bank): Simplification of 100 procedures in the productive sector

(Organization for Economic Co-operation and Development): Regulatory Improvement Study
Digital Transformation of companies

- Redesigning business models
- Transforming operational models
- Process optimization
- Transforming work and infrastructures
- Promotion of e-commerce

Industry 4.0
The Digital Ecuador strategy recognizes the right to inclusive, quality education, training and lifelong learning as one of its most important principles.

- To massify and universalize access to digital services and content production.
- Public policies aimed at the development of digital skills and their inclusion in the education system.
- Strengthen technical skills and professional training in digital matters.
- Promote a digital culture that encourages the safe and responsible use of ICT in citizens.

The lack of the necessary skills to participate successfully in society and the labor market increases the risk of unemployment, poverty and social exclusion.
DIGITAL EDUCATIONAL AGENDA

The Digital Educational Agenda responds to the establishment of a digital culture to strengthen and enhance teaching and learning process in the education system.

1. **Physical Axis:** Connectivity and equipment in educational institutions
2. **Axis of Digital Learning:** Construction of the National Digital Library, Innovative methodologies with a digital approach
3. **Teaching Development Axis:** Teacher training in digital skills
4. **Communication and Promotion Axis:** Dissemination and empowerment
5. **Innovation Axis:** Educational innovation laboratories

Promotes digital skills, performance improvement, digital literacy and participation in the educational community.
DIGITAL EDUCATIONAL AGENDA

Current situation:
- Total educational institutions: 12342.
- Around 40% of educational institutions are connected (with internet access).

- Target: 68% of connected educational institutions, that is 8442
- Benefitting 3093179 students and 136035 teachers
DIGITAL CENTERS OF ENTREPRENEURSHIP AND INNOVATION

Operation of 884 infocenters for digital skills training

747 parishes served

70% rural parishes

2019 Results

3.7 MM visits

170 thousand trainings

1400 entrepreneurship
TRAINING MODEL IN DIGITAL CENTERS OF ENTREPRENEURSHIP AND INNOVATION

SDG 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

DEVELOPMENT OF THE STEM-BASED TRAINING MODEL

IMPLEMENTATION OF THE MODEL IN THE INNOVATION AND ENTREPRENEURSHIP CENTERS

INCLUSION OF THE MODEL IN THE EDUCATIONAL SYSTEM
Agreements to promote the development of digital skills

- Ministry of Education
  - Virtual Secondary Education (SENECYT)
  - Virtual university

- Universities
  - Job skills training

- Private enterprise
  - Virtual ICT training courses
  - Training for employment program
  - Training in cybersecurity and IOT

Possible new alliances
Thank you very much