The Information Technology Agreement – a success story

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DIGITALEUROPE
Ericsson in the United States

- 7700 employees
- 5 R&D centers
- First to launch 5G with all tier-1 service providers
- $100 million 5G smart factory in Lewisville

100% Renewable energy
24% More energy
Efficient
The Information Technology Agreement

25 years of enabling growth and creating resilience!
IT/ICT - an industry driving change

- **Voice**
  - 1980: 1G
  - 1990: 2G
  - 2000: 3G
  - 2010: 4G
  - **Now**: 5G

- **Mobile broadband**
  - 1990: 2G
  - 2000: 3G
  - 2010: 4G
  - **Now**: 5G

- **IoT**

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Voice technology has evolved from 1G to 5G, with each generation offering increased bandwidth and capabilities. Mobile broadband has also seen significant advancements from 2G to 5G, enabling more data-intensive applications and services. IoT, or the Internet of Things, is a growing industry that leverages these advancements to connect devices and gadgets, driving change across various sectors.
80 jobs
Are created for every 1000 broadband connections
Source: Ericsson, AD Little

+1% BNP
Are created for every +10% increase of broadband penetration
Source: Ericsson, AD Little
In a time of crisis, connectivity is key for resilience

• Now, more than ever, people rely on mobile networks and IT/ICT products.

• The pandemic resulted in an increase in demand for voice and data.

• Fixed and mobile telecommunications networks have become an even bigger part of the critical infrastructure.

• The imperative importance and high demand of affordable IT and ICT products for resilience became apparent during the pandemic — ITA is, and will continue to be, the key.
IT/ICT had a prominent role during the pandemic

Stay connected

83 percent of smartphone users claim that ICT helped them significantly in coping during COVID-19 imposed lockdowns.

Work and learn from home

60 % of white-collar workers increased use of video calls. School closures occurred across 190 countries, impacting 91% of students - approx. 1.6 billion children (note that 3/10 could NOT access distance learning).

Keep societies functioning

Many societal functions and even healthcare activity was able to shift online to limit in-person exposure risks to COVID-19 - importance of effective and robust digital infrastructure.
How to go forward - digital inclusion with ITA

50% of world's population without internet access

Promote deployment

Create business opportunities

Support a sustainable future
ITA accession: Projected GDP Growth in 10 years

Pakistan: 1.3%
Argentina: 1.3%
Kenya: 1.3%
Cambodia: 1.0%

ITIF: By reducing costs, the ITA leads to increased use of ICT goods, which spurs productivity and economic growth!
Enabling financial inclusion

Challenge
In many countries people do not have banking facilities. For example in Africa 57% of the population lack any form of bank account.

Solution
Mobile Financial Services platforms features easy to use and secure next-generation mobile financial services.

Impact
Millions of unbanked mobile users enjoy benefits of mobile financial services.
A world where limitless connectivity improves lives

Connect to learn

From immersive experiences, to financial inclusion, to millions of school children connected by 2030. Limitless connectivity brings the benefits of a digital society to everyone, whoever they are and wherever they live.

Our global UNICEF partnership aims to connect every school to the internet.
Improving school connectivity could increase the quality of education by up to 10% in the least connected countries

Gains in learning-adjusted years of schooling (average years per student) under alternative scenarios
Beyond the benefits to children, this could increase GDP per capita by up to 20% in some economies.

Gains in GDP per capita (US $, 000s) under alternative scenarios (2025)
Redefining business

The logistics of the future

Smart manufacturing

Connected vehicles
Continued enablement through ITA

$800 billion
ITA-3 would boost global GDP by nearly $800 billion over 10 years. (recent study by ITIF)

15%
The ICT sector has the potential to enable greenhouse-gas emission reductions of 15% in other sectors by 2030.
Encourage more participants to join the ITA
- The e-commerce negotiations is a unique opportunity to increase geographical scope

Continue updating the product list to capture technological evolution and innovation – ITA3

Emphasize the value in complying with the ITA – the importance of facilitating trade in ICT products proven ever more important through the pandemic