



*Empowered lives.
Resilient nations.*

SDG: IoT for Inclusiveness and Reduce Inequalities (SDGs 4,5, 8,10)

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186 million
INSTAGRAM
photos

152 million
SKYPE
calls

36 million
AMAZON
purchases

8.8 billion
YOUTUBE
videos watched

2.3 billion
GB of **WEB**
TRAFFIC

803 million
TWEETS

4.2 billion
GOOGLE
searches

207 billion
E-MAILS
sent

A SIGNIFICANT DIGITAL DIVIDE STILL EXISTS

6 billion
without BROADBAND

4 billion
without INTERNET

2 billion
without MOBILE PHONES

0.4 billion
without a DIGITAL SIGNAL

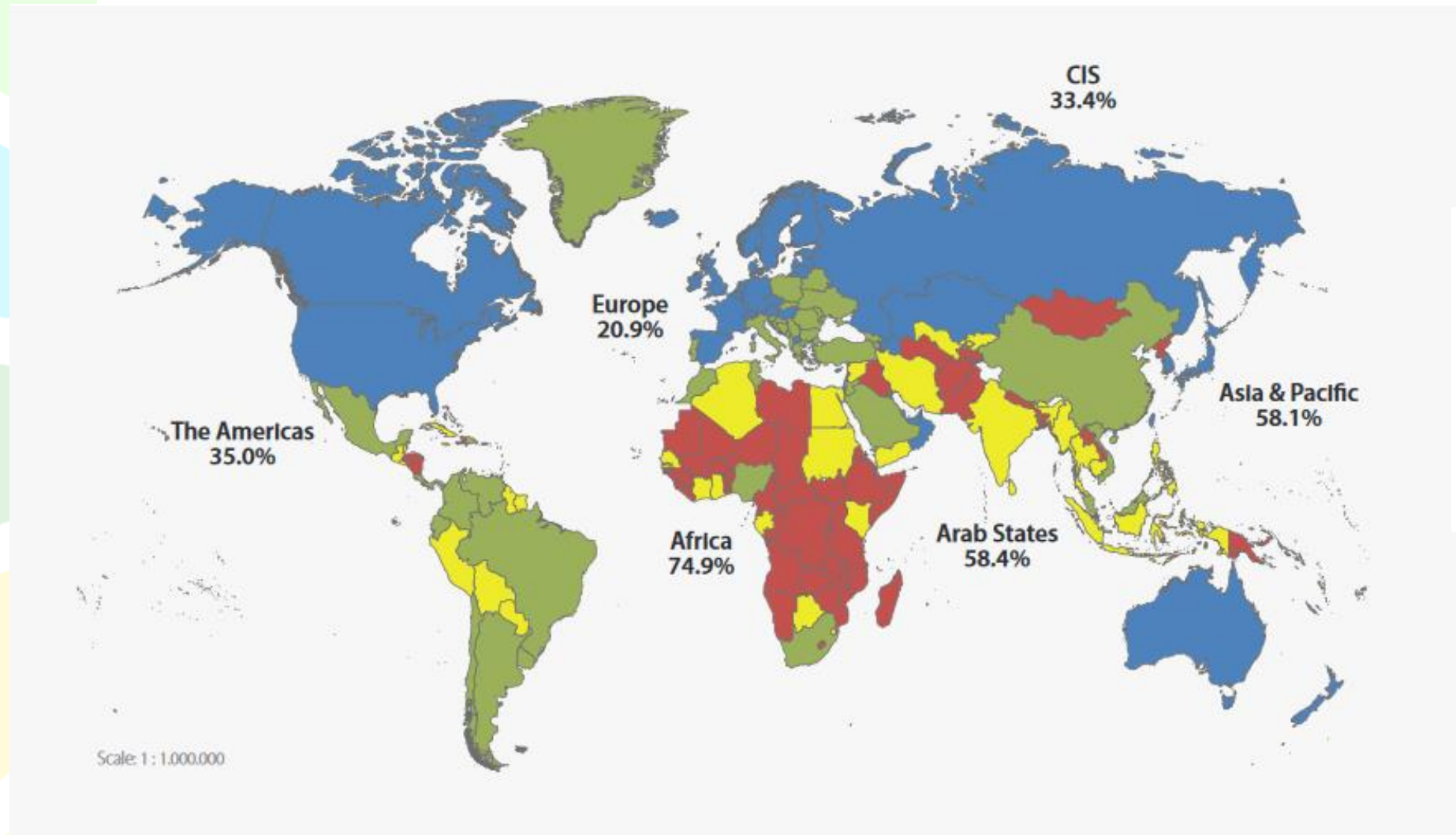


53% of the world's
population is offline

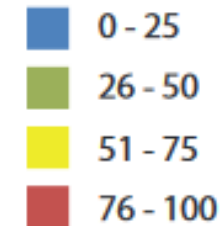


WORLD'S OFFLINE POPULATION, 2016

More than half the world's population is not using the Internet



Percentage of Individuals
NOT using the Internet



INTERNET ACCESS



31%

of people in
developing
economies



80%

of people in
advanced
economies

6 DIGITAL TECHNOLOGIES TO WATCH

- 5G MOBILE PHONES



- ARTIFICIAL INTELLIGENCE

- ROBOTICS

- SELF-DRIVING CARS



- INTERCONNECTED PHYSICAL
OBJECTS

- 3D PRINTING

Estimates suggest that financing the Sustainable Development Goals will require annual investments of around **US\$6 trillion per year, or US\$90 trillion over 15 years.**



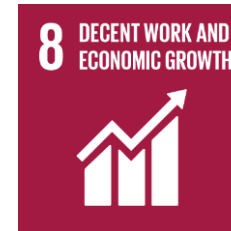
US \$194 Billion

In 2013 **59 million children** of primary school age and **65 million adolescents** of lower secondary age were out of school. Most of them were girls.



World Economic Forum estimates it will be 118 years before women around the world can expect equal pay

Women account for an estimated two-thirds of the world's 600 million poor livestock keepers. Rural women are far more likely than urban women to be illiterate, unemployed, suffer domestic violence and live without adequate social protection coverage



Over 600 million new jobs need to be created by 2030 (40 million per year.) to keep pace with the growth of the global working age population. Some 780 million women and men are working but not earning enough to lift themselves and their families out of USD 2 a-day poverty

2 billion adults worldwide still lack an account at a financial institution. Financial exclusion disproportionately affected



Richest 10% earning up to 40 % of total global income. The poorest 10 % earn only between 2 and 7 % of total global income. In developing countries, inequality has increased by 11 % if we take into account the growth of population.

Total official development assistance going towards each of SDG



\$153 Billion

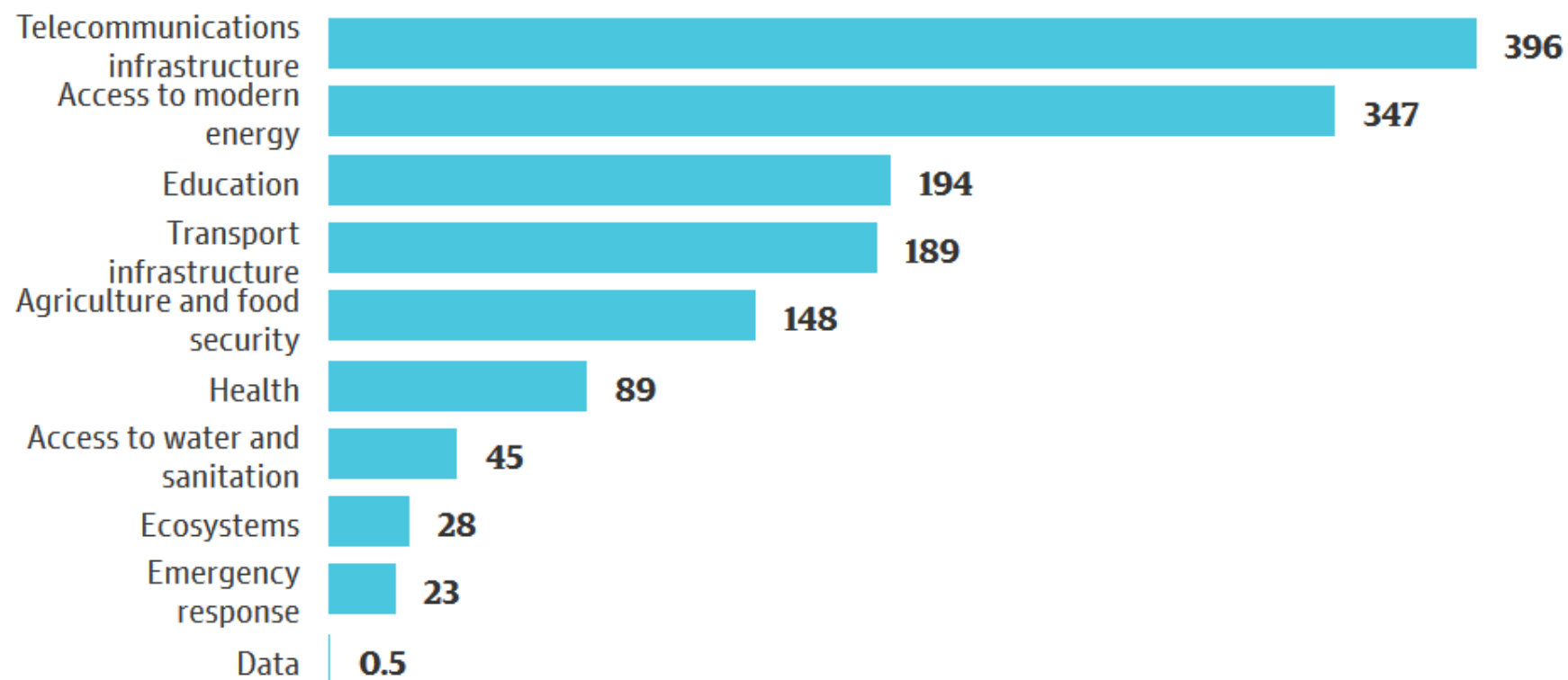
\$67.7 Billion

\$59 Billion

\$205 Billion

End extreme poverty? That'll be \$1.4 trillion a year

Maximum investment needs to meet the sustainable development goals, in billions of US dollars



SOURCE: SDSN
GET THE DATA EMBED

Total number of people employed by the ICT industry

The OECD's estimates suggest that the total of ICT specialists and intensive users accounts for **about 20 percent of total employment** in a range of countries surveyed from North America and Europe. However, there is **a lack of data about the number of ICT jobs**, especially in the developing world.

ICT jobs continue to grow. In Europe, for example, employment among ICT practitioners grew by around 3 percent a year, with demand for labor outstripping the supply. The OECD has also found that ICT employment continues to grow, with the top firms hiring more than 14 million people worldwide in 2011, up 6 percent from 2010



Let's talk about it with IoT experts:



Reinhard Bütikofer

European Parliament
Member of the European
Parliament (Greens/EFA) and
the Co-Chair of the European
Green Party (EGP)



Monique Morrow

Humanized Internet
President and Co-Founder



Maria Sokhn

HES-SO / e-Gov
Innovation Center
Professor / Head of the
Data Semantics Lab /
VP



Simona Marinescu

Development Impact
Group Bureau for Policy
and Programme Support
(BPPS)
Chief

The background of the slide is decorated with various colorful geometric shapes, including triangles and polygons in shades of blue, green, yellow, pink, and orange, arranged in a pattern that frames the central text.

The challenge

1. Why is this topic important?
2. How will it affect you?
3. How can you use it for your field of interest?

What should Governments, the Private Sector, and development organizations including the UN system do together to accelerate IoT-driven progress?