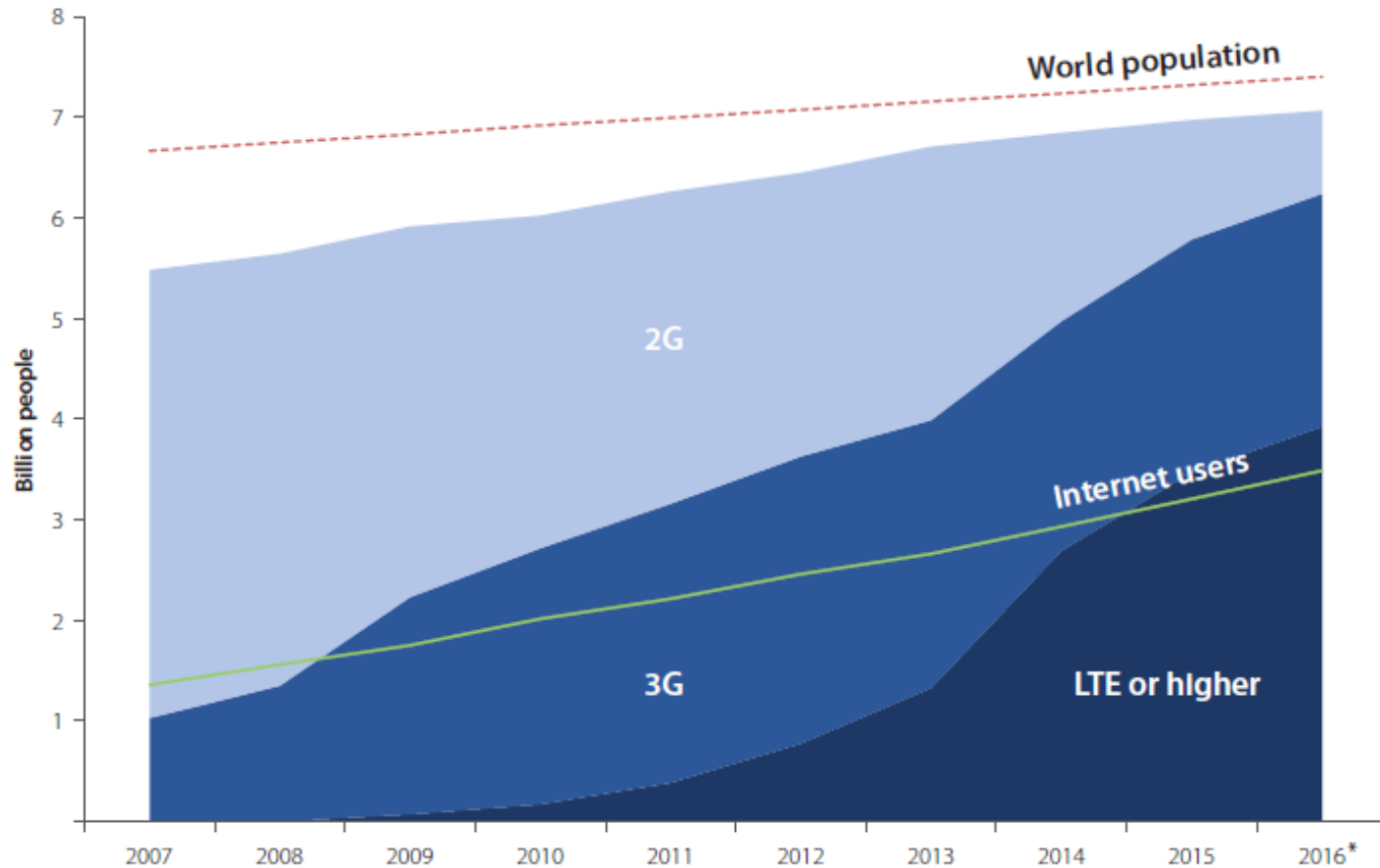# BROADBAND CONNECTIVITY FOR E-COMMERCE
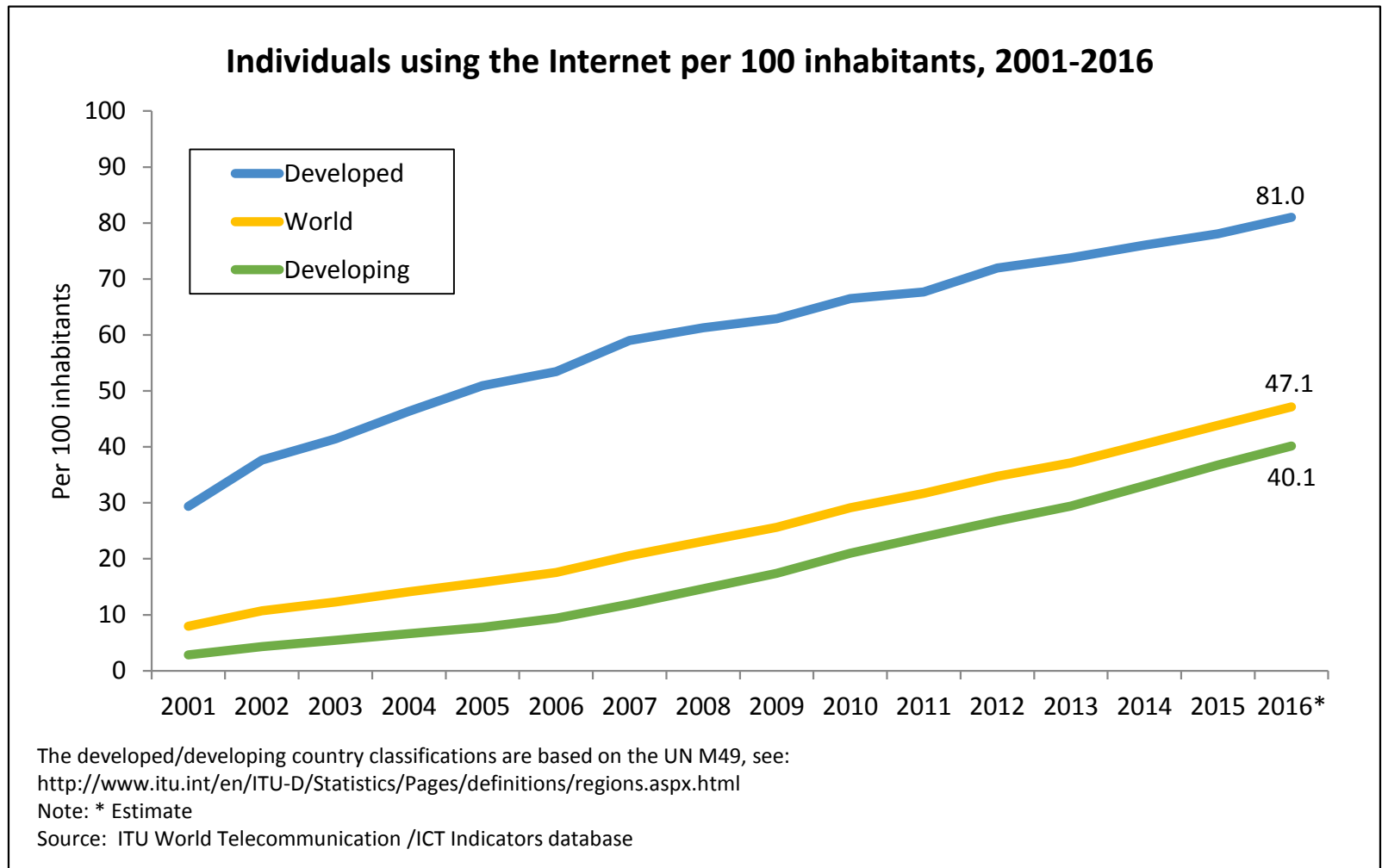
The digital divide – global snapshot

95% of the global population live in an area that is covered by a mobile-cellular network. Mobile-broadband networks (3G or above) reach 84% of the global population but only 67% of the rural population.
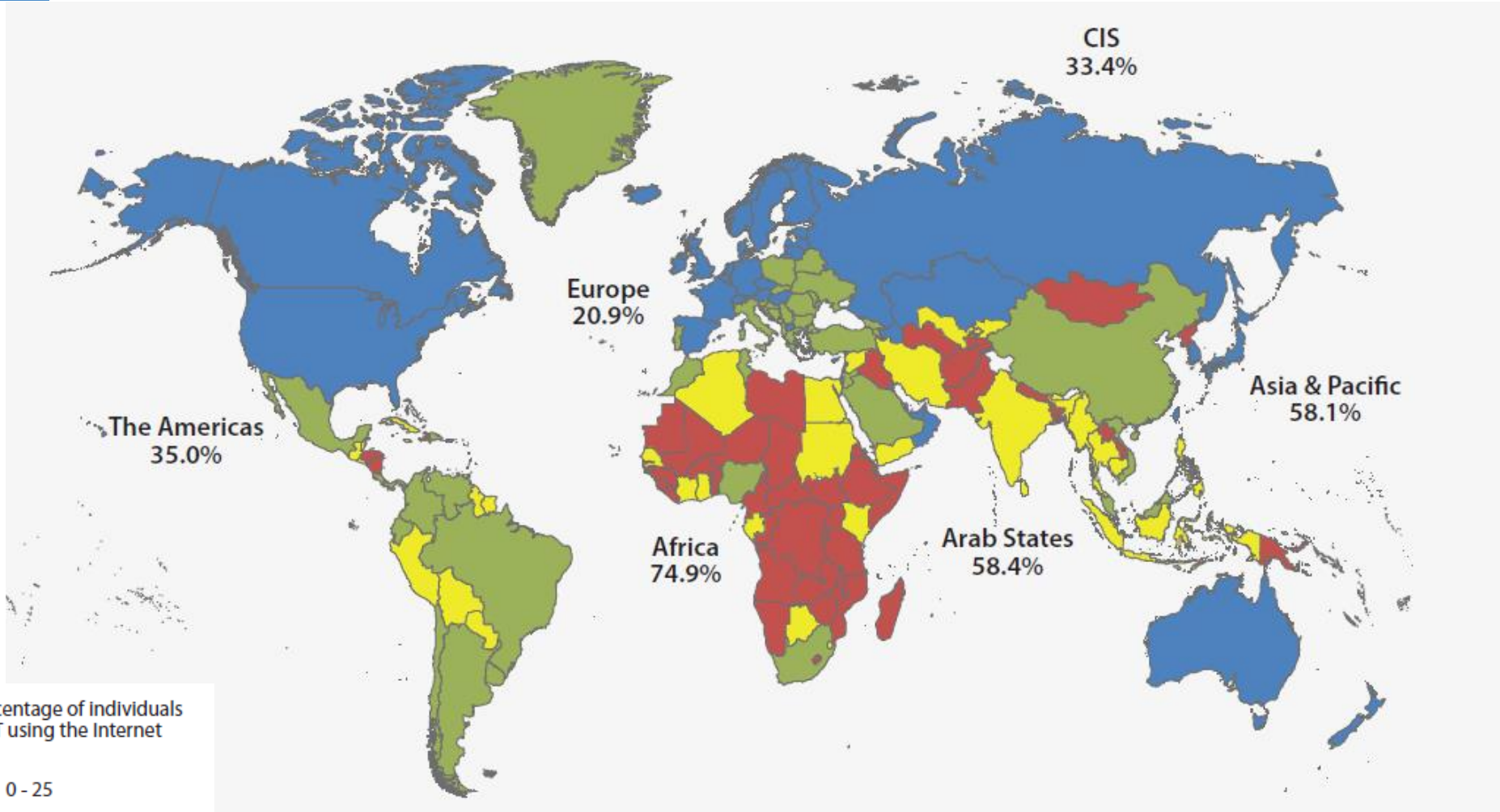
Source: ITU

The digital divide – global snapshot

Individuals using the Internet per 100 inhabitants, 2001-2016

Legend: Developed, World, Developing

Developed: 81.0
World: 47.1
Developing: 40.1

The developed/developing country classifications are based on the UN M49, see:
http://www.itu.int/en/ITU-D/Statistics/Pages/definitions/regions.aspx.html
Note: * Estimate
Source: ITU World Telecommunication /ICT Indicators database

The digital divide - world's population offline 2016

CIS
33.4%

Europe
20.9%

The Americas
35.0%

Asia & Pacific
58.1%

Africa
74.9%

Arab States
58.4%

Percentage of individuals
NOT using the Internet

- 0 - 25
- 26 - 50
- 51 - 75
- 76 - 100

Source: ITU

The digital divide – global snapshot

Fixed broadband subscriptions per 100 inhabitants, 2001-2016

Per 100 inhabitants

Legend:
- Developed
- World
- Developing

Developed: 30.1
World: 11.9
Developing: 8.2

Years: 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016*

The developed/developing country classifications are based on the UN M49, see:
http://www.itu.int/en/ITU-D/Statistics/Pages/definitions/regions.aspx
Note: * Estimate
Source: ITU World Telecommunication /ICT Indicators database

The digital divide – global snapshot

Active mobile-broadband subscriptions per 100 inhabitants, 2016*

Region	Value
The Americas	78.2
Europe	76.6
CIS**	53.0
World	49.4
Arab States	47.6
Asia & Pacific	42.6
Africa	29.3

Regions are based on the ITU BDT Regions, see: http://www.itu.int/en/ITU-D/Statistics/Pages/definitions/regions.aspx.html
Note: * Estimate **Commonwealth of Independent States
Source: ITU World Telecommunication /ICT Indicators database

ITU's Connect 2020 Agenda

Connect 2020 Agenda for Global Telecommunication/ICT Development

- The global agenda to shape the future of the ICT sector was unanimously adopted at the ITU 2014 Plenipotentiary Conference (PP-14), by Resolution 200 'Connect 2020 Agenda for Global Telecommunication/ICT Development'

- the Agenda is a shared vision with **goals and targets that Member States have committed to achieve by 2020** in collaboration with all stakeholders across the ICT ecosystem.
.

ITU's Connect 2020 Agenda

Goal 1: Enable and foster access to and increased use of telecommunication/ICT

Goal 2: Bridge the digital divide and provide broadband for all

Goal 3: Manage challenges resulting from telecommunication/ICT development

Goal 4: Lead, improve and adapt to the changing telecommunication/ICT environment

GROWTH

INCLUSIVENESS

SUSTAINABILITY

INNOVATION & PARTNERSHIP

Connect 2020 Global Goals & Targets

by 2020...

Goal 1 Growth – Enable and foster access to and increased use of telecommunications/ICTs

55%
of **households** should **have access** to the Internet

60%
of **individuals** should be **using the Internet**

40%
Telecommunications/ICTs should be **40% more affordable**

GROWTH

Goal 2 Inclusiveness – Bridge the digital divide and provide broadband for all

50%
of **households access** the Internet in the **developing world**; **15%** in the **LDCs**

50%
of **individuals using the Internet** in the **developing world**; **20%** in the **LDCs**

40%
affordability gap between developed and developing countries to be reduced by **40%**

5%
Broadband services should cost no more than **5%** of monthly income in developing countries

INCLUSIVENESS

90%
of the **rural population** should be **covered by broadband services**

Gender equality among Internet users should be reached

Enabling environments ensuring **accessible ICTs for persons with disabilities** should be established in all countries

Goal 3 Sustainability – Manage challenges resulting from the telecommunication/ICT development

40%
improvement in **cybersecurity readiness**

50%
reduction in volume of redundant **e-waste**

30%
decrease in **Green House Gas emissions per device** generated by the telecommunication/ICT sector

SUSTAINABILITY

Goal 4 Innovation & Partnership – Lead, improve and adapt to the changing telecommunication/ICT environment

Telecommunication/ICT environment **conducive to innovation**

Effective **partnerships** of stakeholders in telecommunication/ICT environment

INNOVATION & PARTNERSHIP

The Broadband Commission for Sustainable Development

The Broadband Commission for Sustainable Development was launched in September 2010 engaging in high-level advocacy to promote broadband in underserved communities to accelerate achievement of the SDGs by 2030.

The Commission is chaired by President Paul Kagame of Rwanda and Mexico's Carlos Slim Helú, with ITU Secretary-General, Houlin Zhao and UNESCO Director-General, Irina Bokova as Co-Vice Chairs.
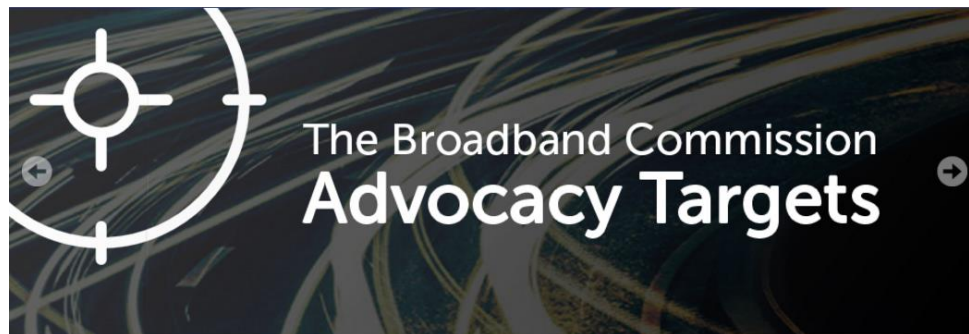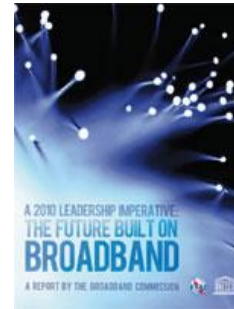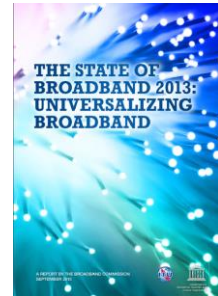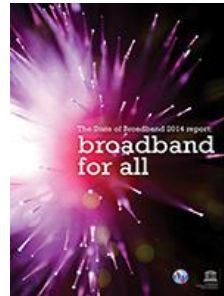
Commission's activities

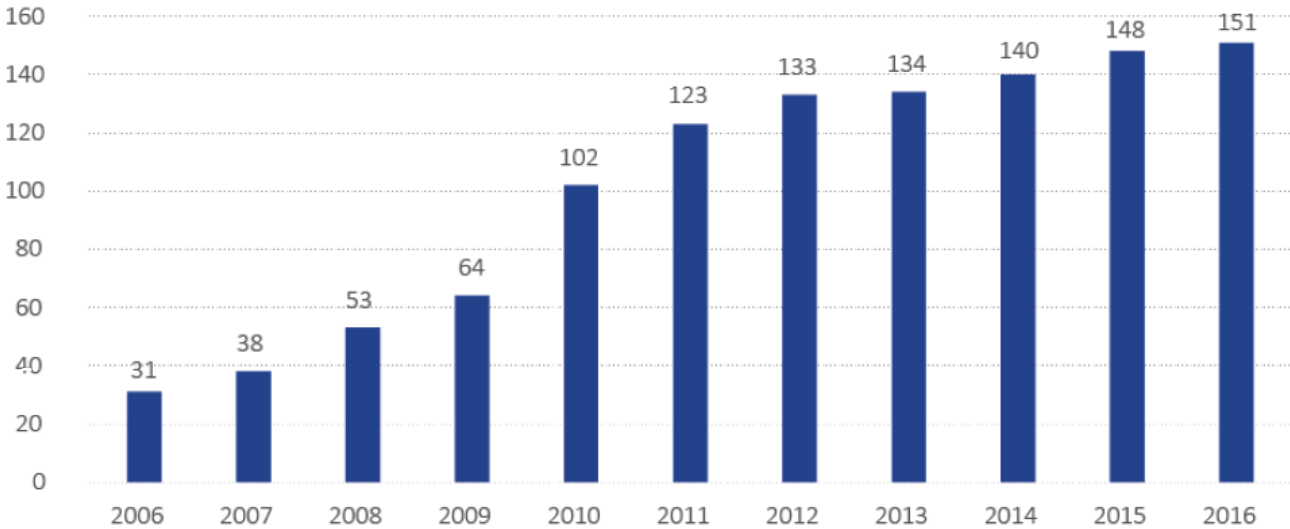**Flagship annual report: The State of Broadband 2010 - 2016**
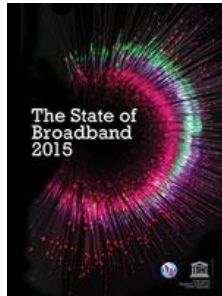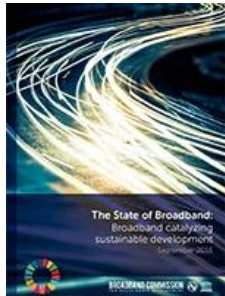
In 2011 the Commission has set clear targets for making broadband policy universal and for boosting affordability and broadband uptake

# TARGET 1: ALL COUNTRIES SHOULD HAVE A NATIONAL BROADBAND PLAN

Without Plans, 38, 19.4%

Planning to introduce a Plan, 7, 3.6%

With a Plan, 151, 77%
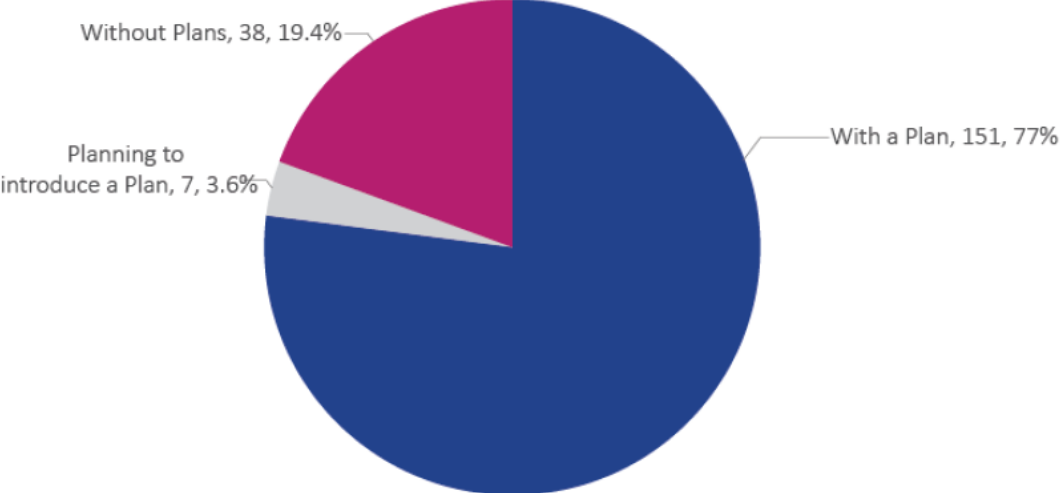
f Countries with Broadband Plans, 2006-2016

Year	Value
2006	31
2007	38
2008	53
2009	64
2010	102
2011	123
2012	133
2013	134
2014	140
2015	148
2016	151

*Source: State of Broadband 2016.

TARGET 2: BROADBAND SERVICES SHOULD BE MADE AFFORDABLE IN DEVELOPING COUNTRIES
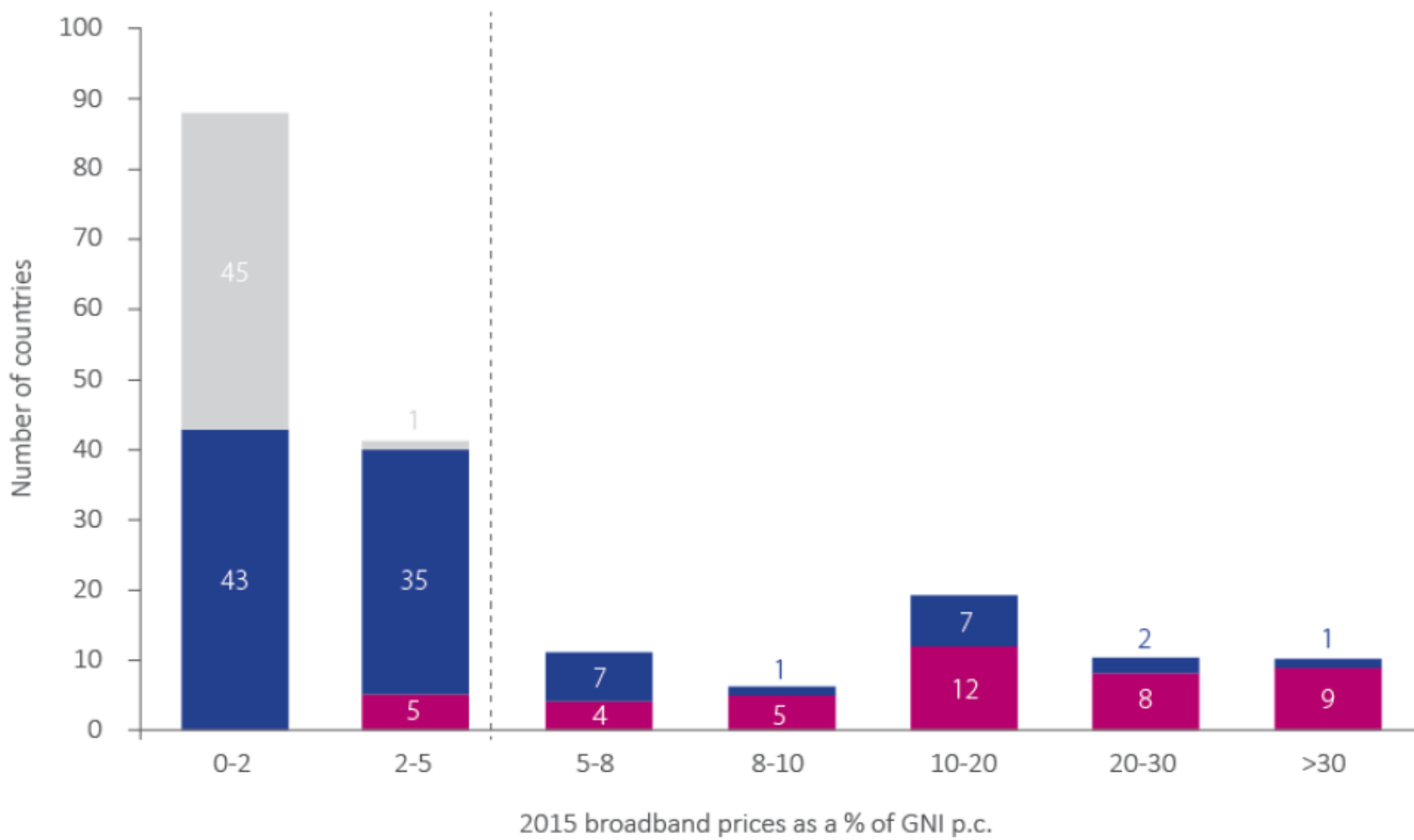
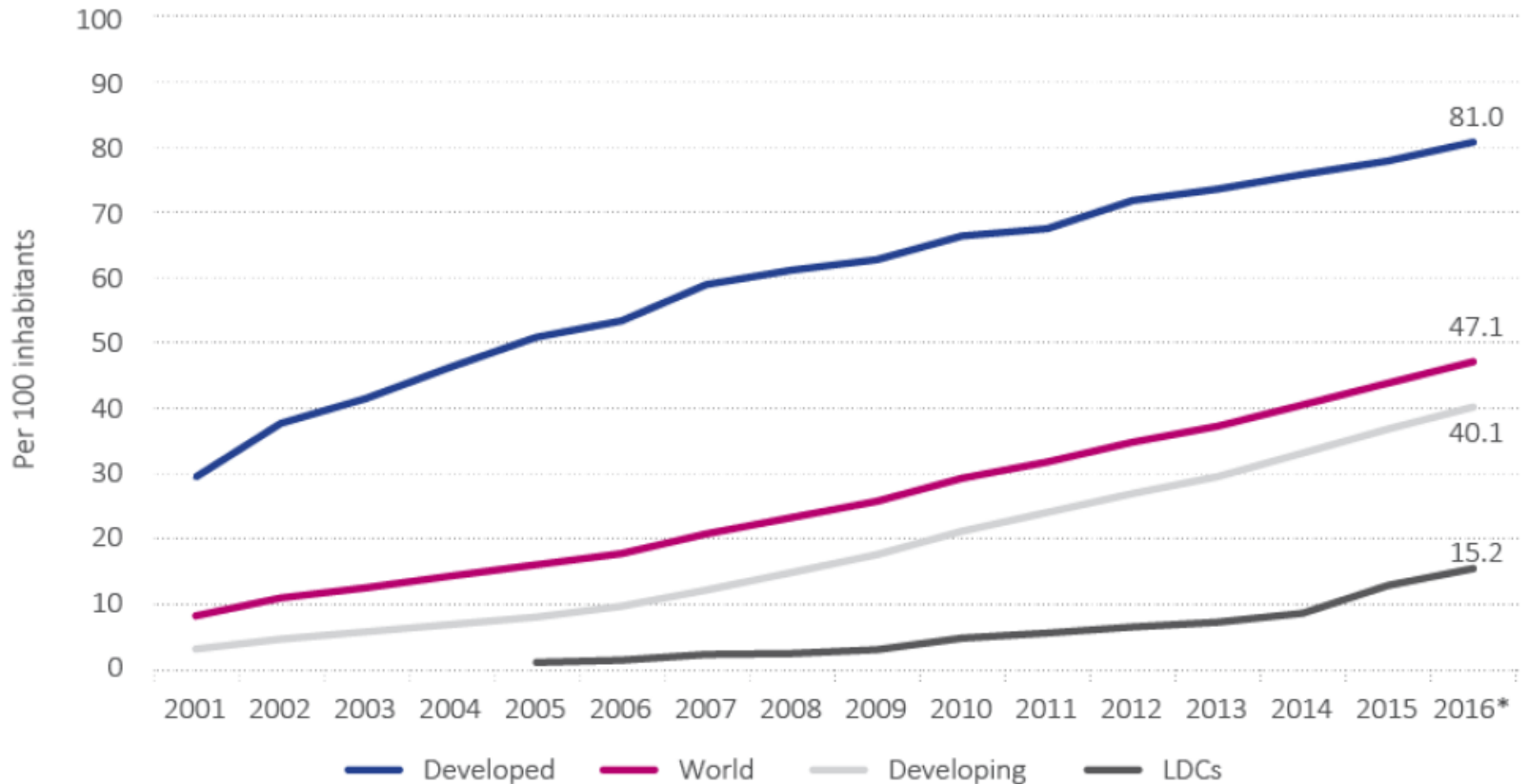# TARGET 3: 40% OF HOUSEHOLDS IN DEVELOPING COUNTRIES SHOULD HAVE INTERNET ACCESS

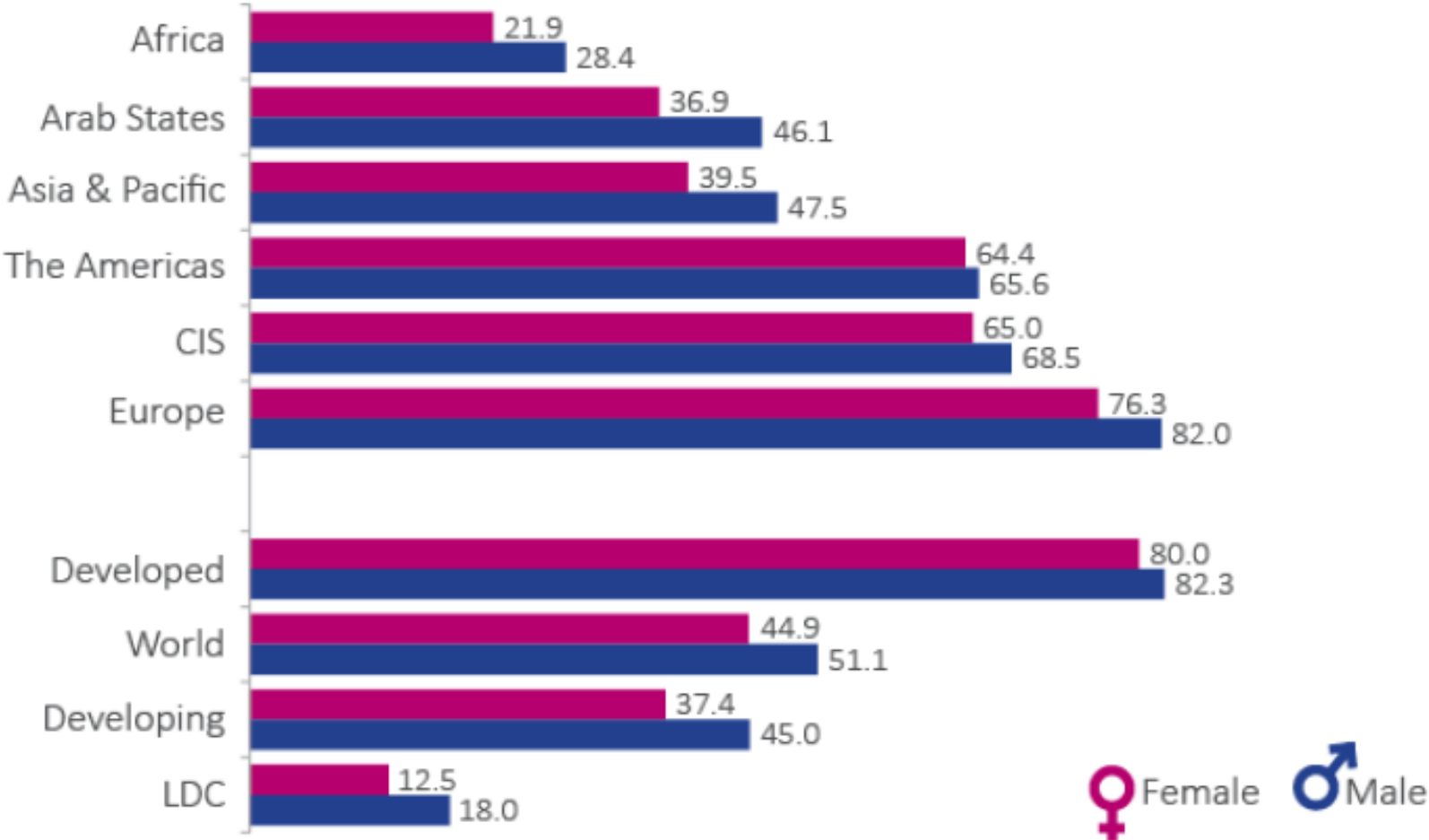Broadband household penetration by region (2016, ITU estimates)
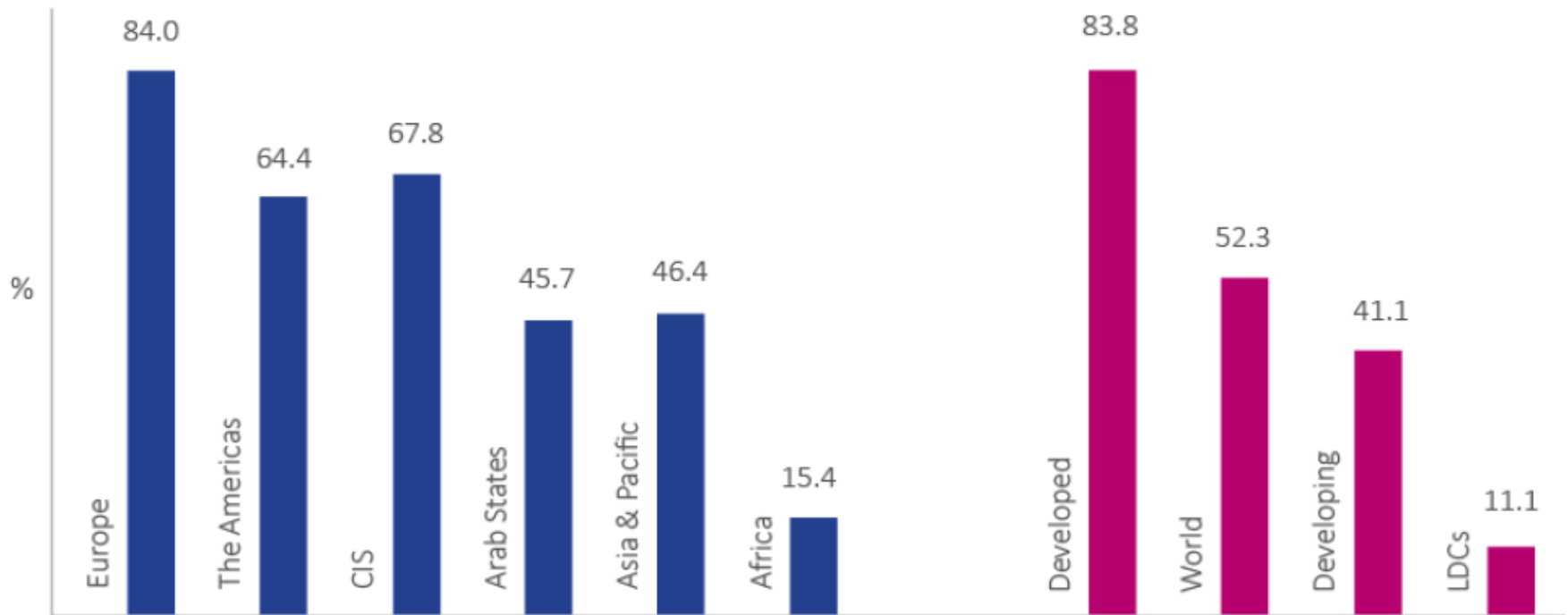
TARGET 4: INTERNET USER PENETRATION SHOULD REACH 60% WORLDWIDE, 50% IN DEVELOPING COUNTRIES AND 15% IN LDCS

Individuals using the Internet per 100 inhabitants, 2001-2016

*Source: State of Broadband 2016.

TARGET 5: GENDER EQUALITY IN ACCESS TO BROADBAND

THANK YOU