SMALL ISLAND DEVELOPING STATES

CONNECTIVITY IN SIDS

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Project Support and Knowledge Management, ITU

A QUESTION OF DIVERSITY

Population
65,008,648

1. Comoros
2. Guinea-Bissau
3. São Tomé and Príncipe
4. Haiti
5. Kiribati
6. Solomon Islands
7. Timor-Leste
8. Tuvalu
9. Vanuatu
10. Samoa *

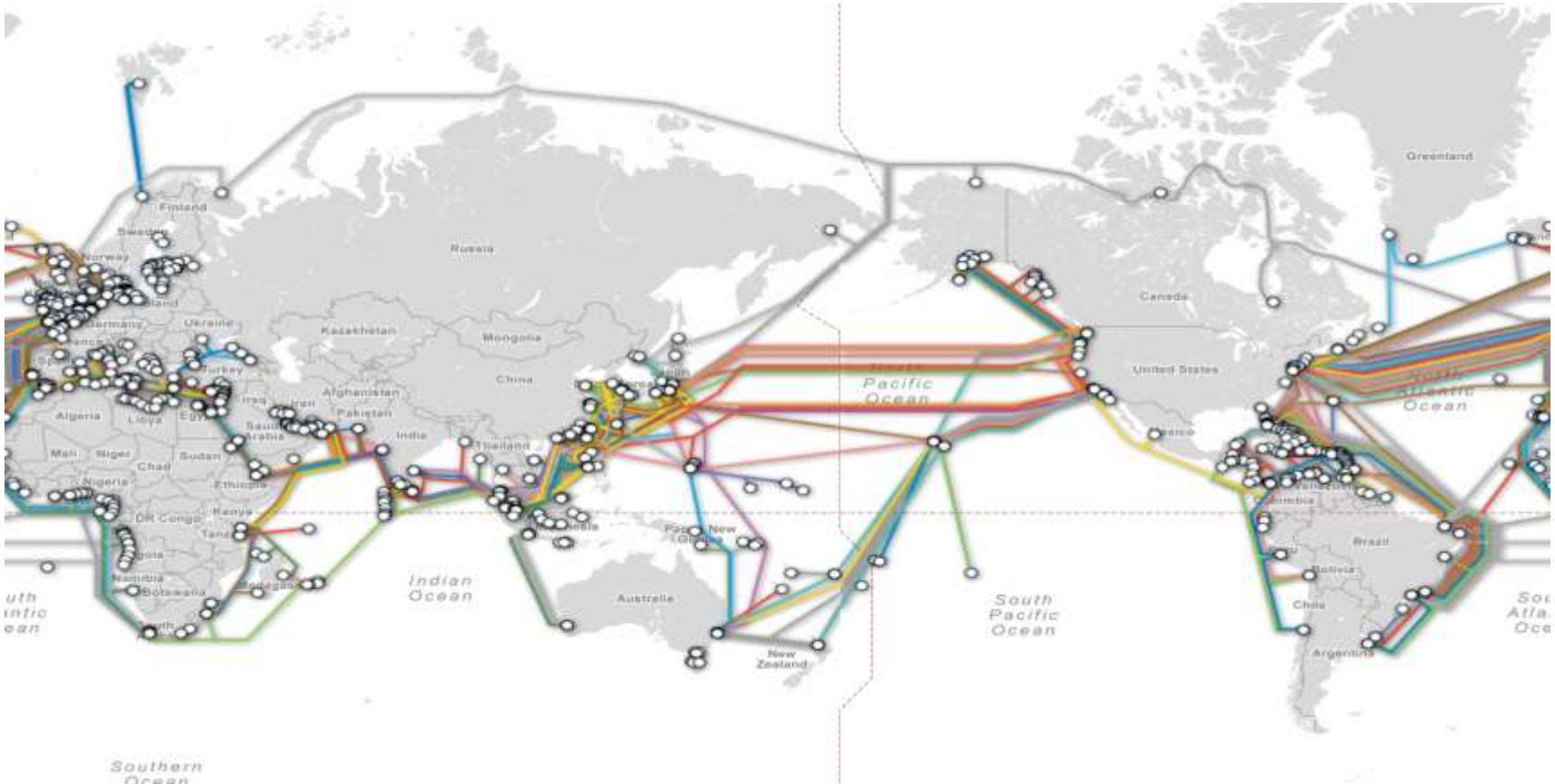
Graduated from LDC list
1. Cape Verde
2. Maldives
3. Samoa *

SIDS & LDC

1. Antigua and Barbuda
2. Bahamas
3. Bahrain
4. Barbados
5. Belize
6. Cape Verde
7. Cuba
8. Dominica
9. Dominican Republic
10. Fiji
11. Grenada
12. Guyana
13. Jamaica
14. Maldives
15. Marshall Islands
16. Federated States of Micronesia
17. Mauritius
18. Nauru
19. Palau
20. Papua New Guinea
21. Singapore
22. St. Kitts and Nevis
23. St. Lucia
24. St. Vincent and the Grenadines
25. Seychelles
26. Suriname
27. Tonga
28. Trinidad and Tobago

SIDS

FACT IS … WORLD IS MORE NETWORKED THAN EVER BEFORE



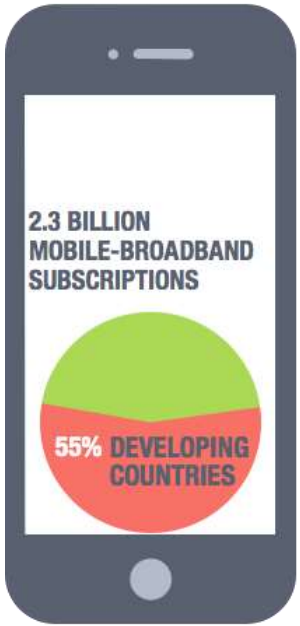
… BY END OF 2014

7 BILLION
MOBILE-CELLULAR SUBSCRIPTIONS

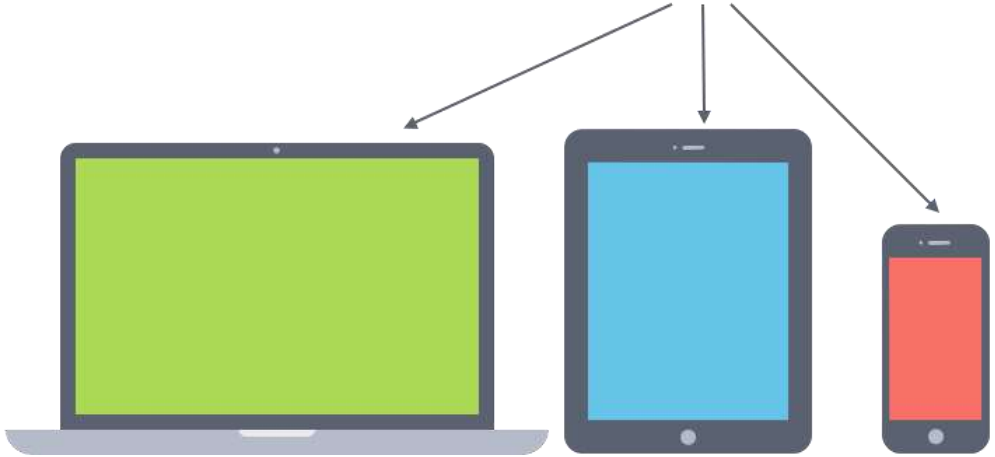
3 BILLION INTERNET USERS

40% OF THE WORLD POPULATION ARE USING INTERNET

1.9 BILLION INTERNET USERS ARE IN DEVELOPING COUNTRIES

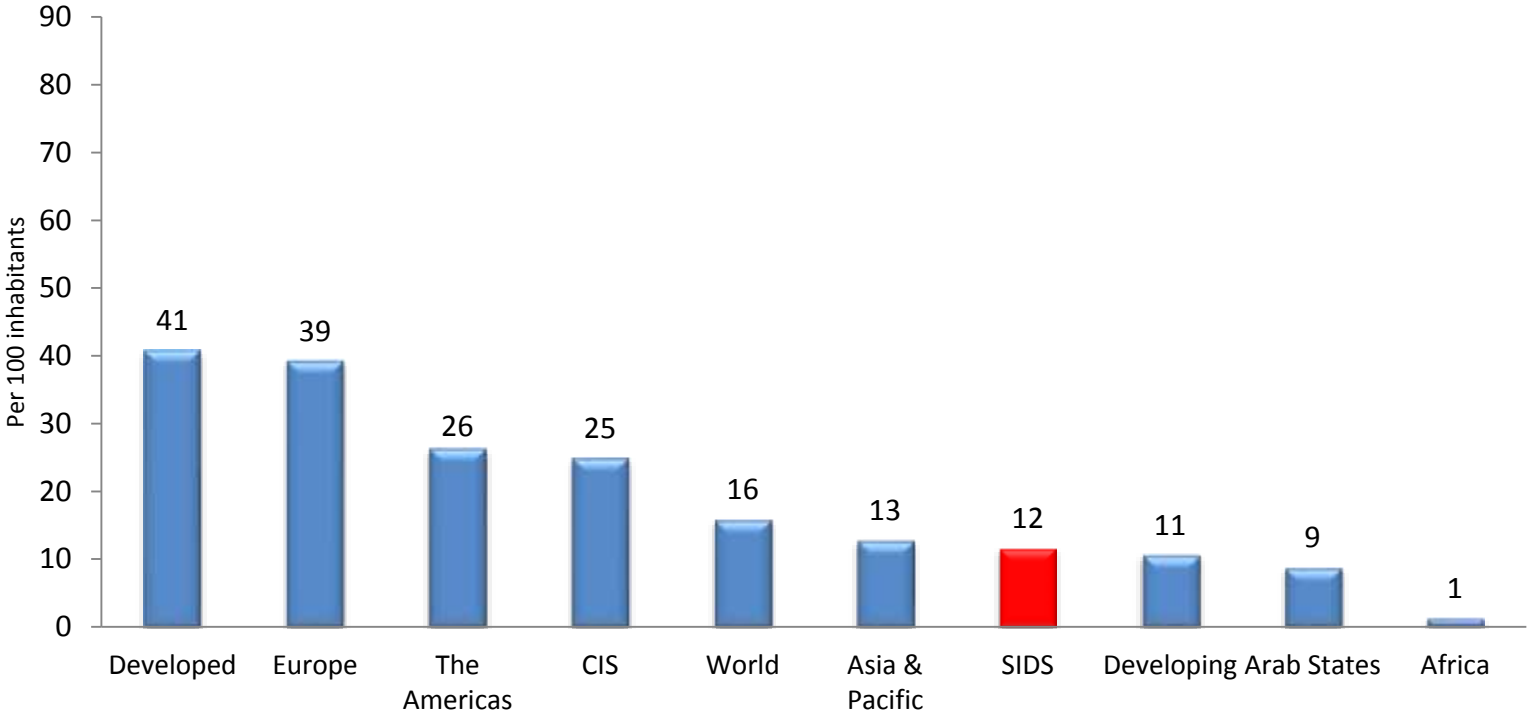


44% OF HOUSEHOLDS USE INTERNET



GROWING DAILY

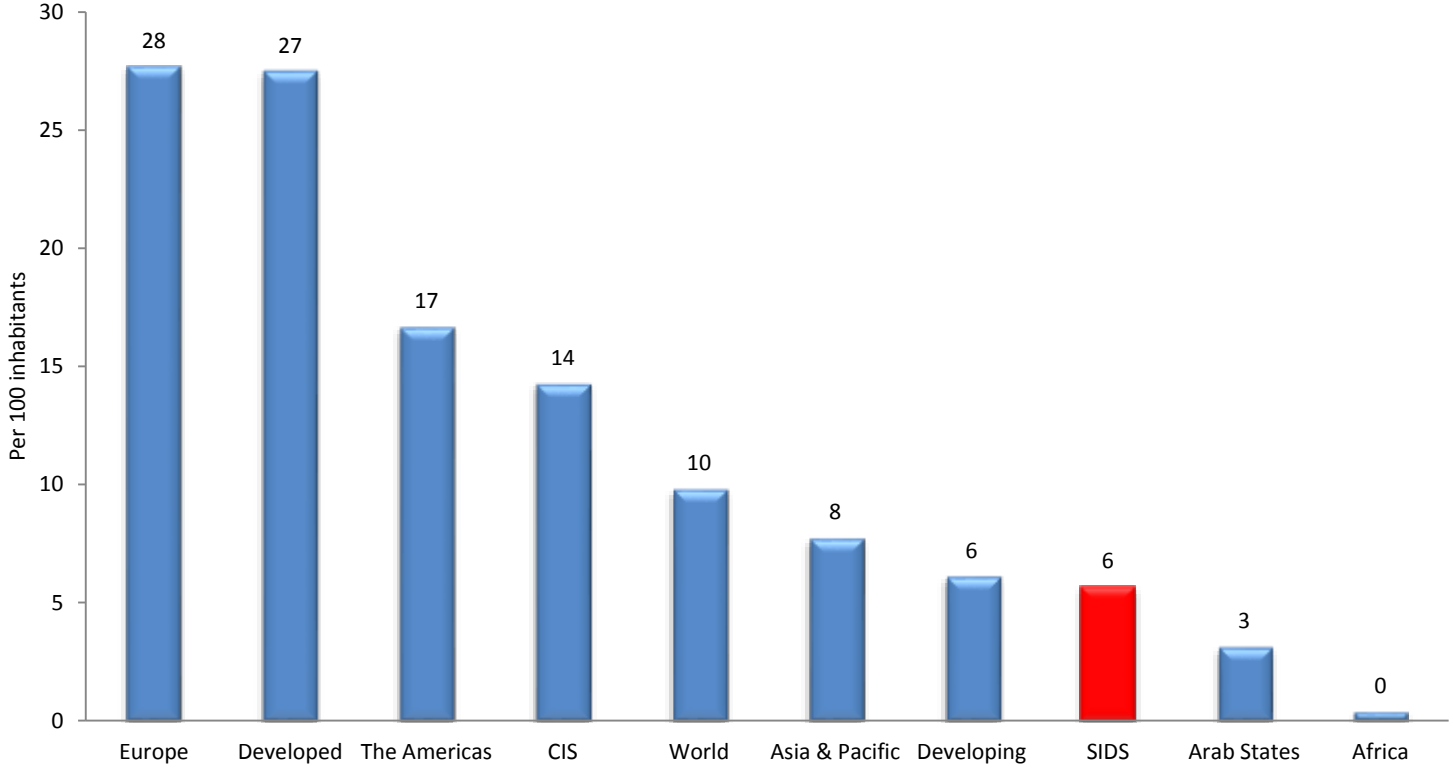
ICT OUTLOOK: FIXED TELEPHONY



Fixed-telephone subscriptions per 100 inhabitants, 2014*

Note: * Estimate
Source: ITU World Telecommunication/ICT Indicators database

ICT OUTLOOK: FIXED BROADBAND

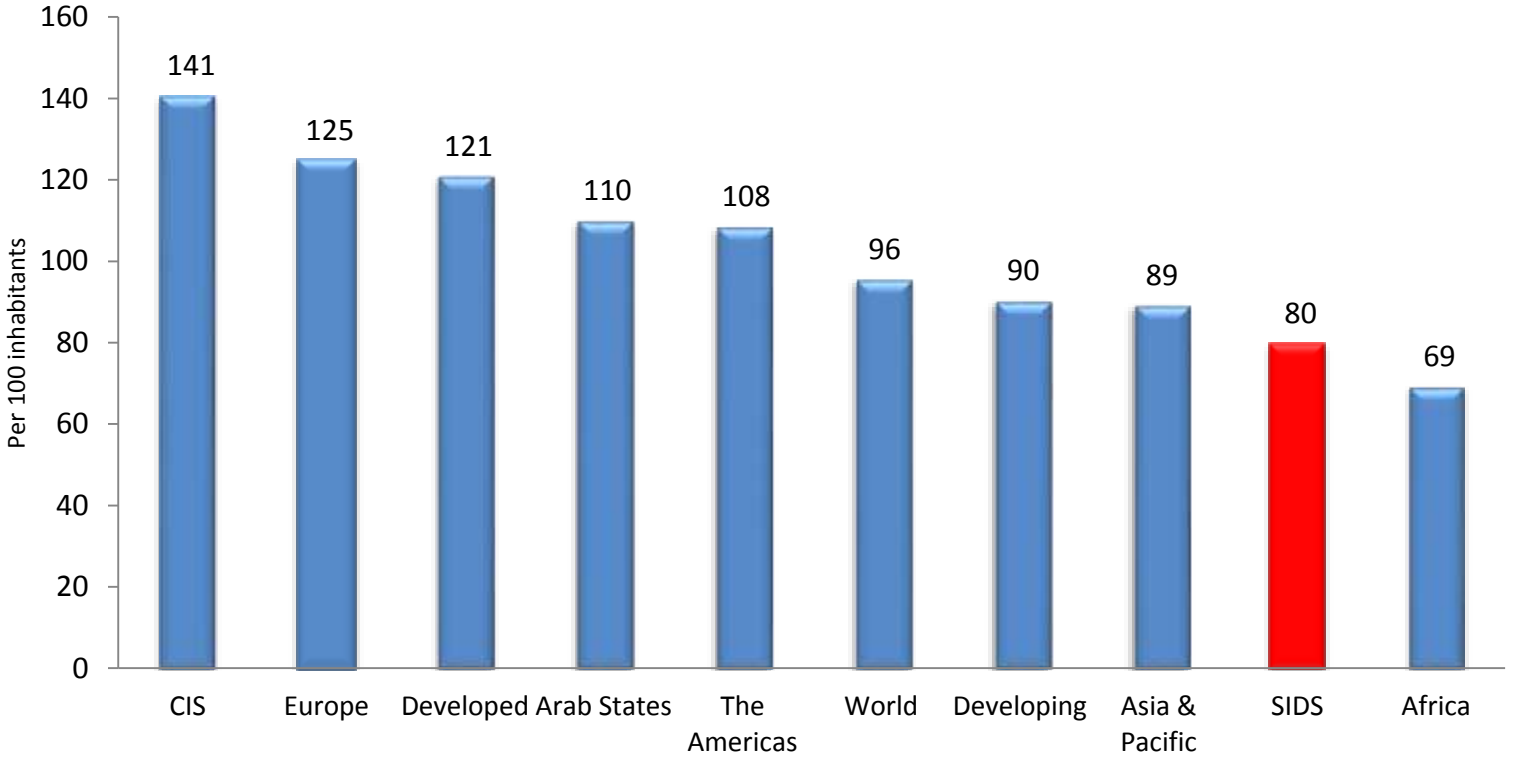


Fixed (wired)- broadband subscriptions per 100 inhabitants, 2014*

Note: * Estimate

Source: ITU World Telecommunication /ICT Indicators database

ICT OUTLOOK: MOBILE TELEPHONY

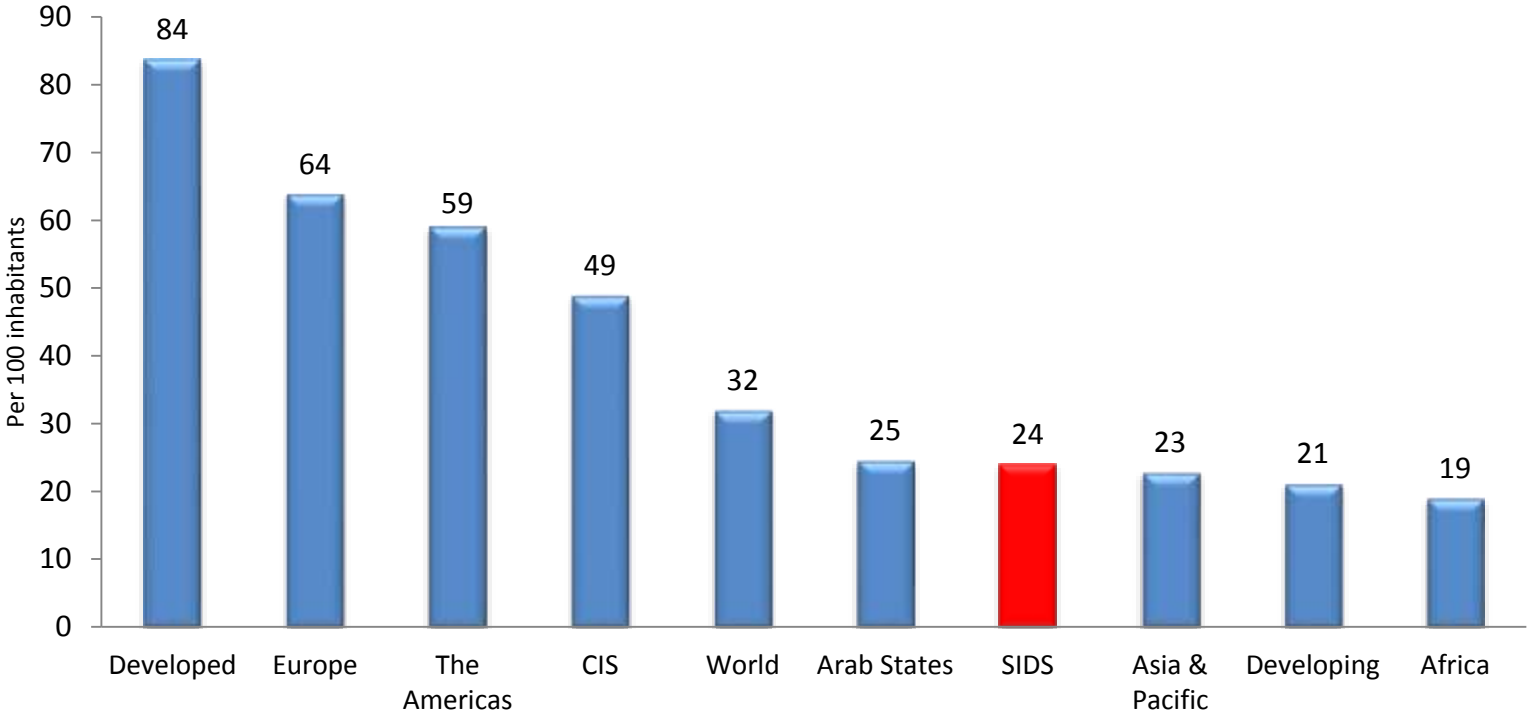


Mobile-cellular subscriptions per 100 inhabitants, 2014*

Note: * Estimate

Source: ITU World Telecommunication/ICT Indicators database

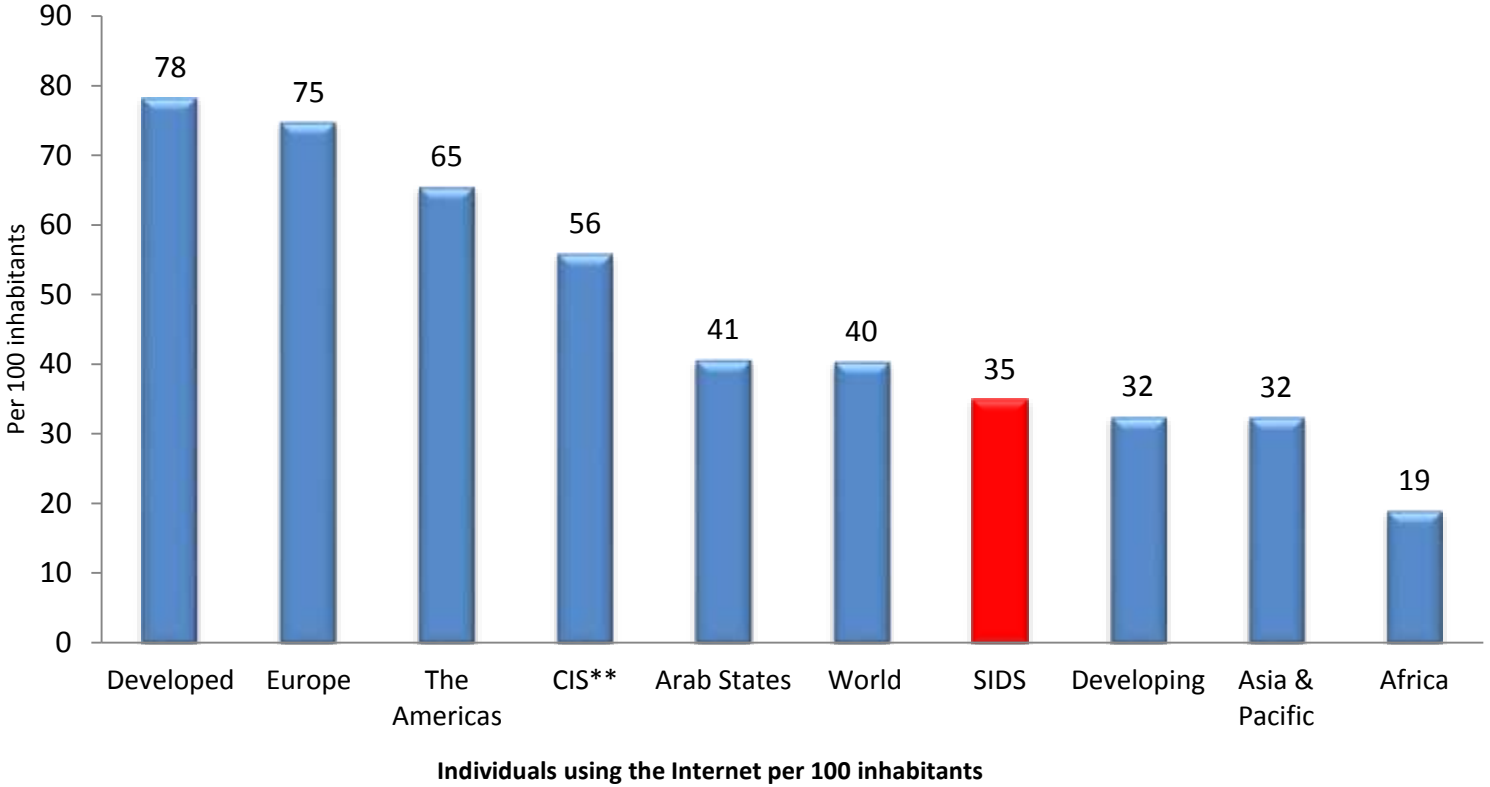
ICT OUTLOOK: MOBILE BROADBAND



Active mobile-broadband subscriptions per 100 inhabitants, 2014*

Note: * Estimate
Source: ITU World Telecommunication/ICT Indicators database

ICT OUTLOOK: INTERNET USERS



Individuals using the Internet per 100 inhabitants

Note: * Estimate

Source: ITU World Telecommunication /ICT Indicators database

FOOD FOR THOUGHT

ICT DEVELOPMENT INDEX (IDI), 2011 AND 2012

	2012	2011
Singapore	15	14
Barbados	29	36
Bahrain	39	42
Antigua and Barbuda	49	44
St. Vincent and the Grenadines	63	59
Seychelles	64	70
Trinidad and Tobago	66	63
Mauritius	72	74
Maldives	73	71
Saint Lucia	75	72
Fiji	82	81
Suriname	87	84
Jamaica	93	93
Dominican Republic	94	95
Cape Verde	96	96
Tonga	101	101
Guyana	105	106
Cuba	111	110
Solomon Islands	125	124
Comoros	138	134
Guinea-Bissau	150	152

Source: ITU Top 10: none

THE NETWORKED READINESS INDEX 2014

	2014	2013
Singapore	2	2
Bahrain	29	29
Mauritius	48	55
Barbados	55	39
Seychelles	66	79
Trinidad and Tobago	71	72
Jamaica	86	85
Guyana	88	100
Cape Verde	89	81
Dominican Republic	93	90
Suriname	113	117
Timor-Leste	141	134

Source: World Economic Forum Report Top 10: 1

ITU WORK IN DEVELOPMENT

COMMITED TO CONNECT SIDS

PP - RESOLUTION 30
(Rev. Guadalajara, 2010)

WTDC - RESOLUTION 16
(Rev. Dubai, 2014)

RESOLUTION PLEN/1 (DUBAI, 2012)
Special measures for landlocked developing countries and small island developing states for access to international optical fibre networks **The World Conference on International Telecommunications (Dubai, 2012)**

Article 40 of the ITU Constitution addresses the "priority of telecommunications concerning safety of life

THE DUBAI ACTION PLAN FOR SIDS, LDCs, LLDC's, COUNTRIES IN SPECIAL NEED, EMERGENCY TELECOMMUNICATIONS AND CLIMATE-CHANGE ADAPTATION,

UNITED NATIONS RESOLUTION 67/207 - Follow-up to and implementation of the Mauritius Strategy for the Further Implementation of the Programme of Action for the Sustainable Development of Small Island Developing States

ITU WORK IN DEVELOPMENT

MAURITIUS PoA

Climate change and sea-level rise (paras 16-20)	Natural and environmental disasters (para 21)	Management of wastes (paras 22-25)	Coastal and marine resources (paras 26-32)	Freshwater resources (paras 33-37)
Land resources (paras 38-45)	Energy resources (paras 46-49)	Tourism resources (paras 50-52)	Biodiversity resources (paras 53-54)	Transport and communication, including the development of ICTs and community multimedia centers (paras 55-59)
Science and technology (paras 60-63)	Graduation from least developed country status (paras 64-65)	Trade: globalization and trade liberalization (paras 66-69)	Sustainable capacity development and education for sustainable development (paras 70-72)	Sustainable production and consumption (para 73)
National and regional enabling environments, including involving youth in visioning sustainable island living (para 74)	Health, including support to address HIV/AIDS (paras 75-78)	Knowledge management and information for decision-making (paras 79-81)	Culture, the development and implementation of national cultural policies and legislative frameworks, and measures to protect cultural heritage (para 82)	Implementation (paras 83-104)

LEVERAGING BROADBAND

ITU STRATEGY IN ASSISTING **SIDS** IN THE NEXT DECADE

DIGITAL OPPORTUNITIES ARE IN BROADBAND

"In the 21st century, affordable broadband access to the Internet is becoming as vital to social and economic development as networks like transport, water and power"

– Dr Hamadoun Touré, ITU Secretary-General

Making broadband policy universal.

All countries should have a national broadband plan or strategy or include broadband in their Universal Access / Service Definitions.

Making broadband affordable

Entry-level broadband services should be made affordable in developing countries through adequate regulation and market forces (amounting to less than 5% of average monthly income).

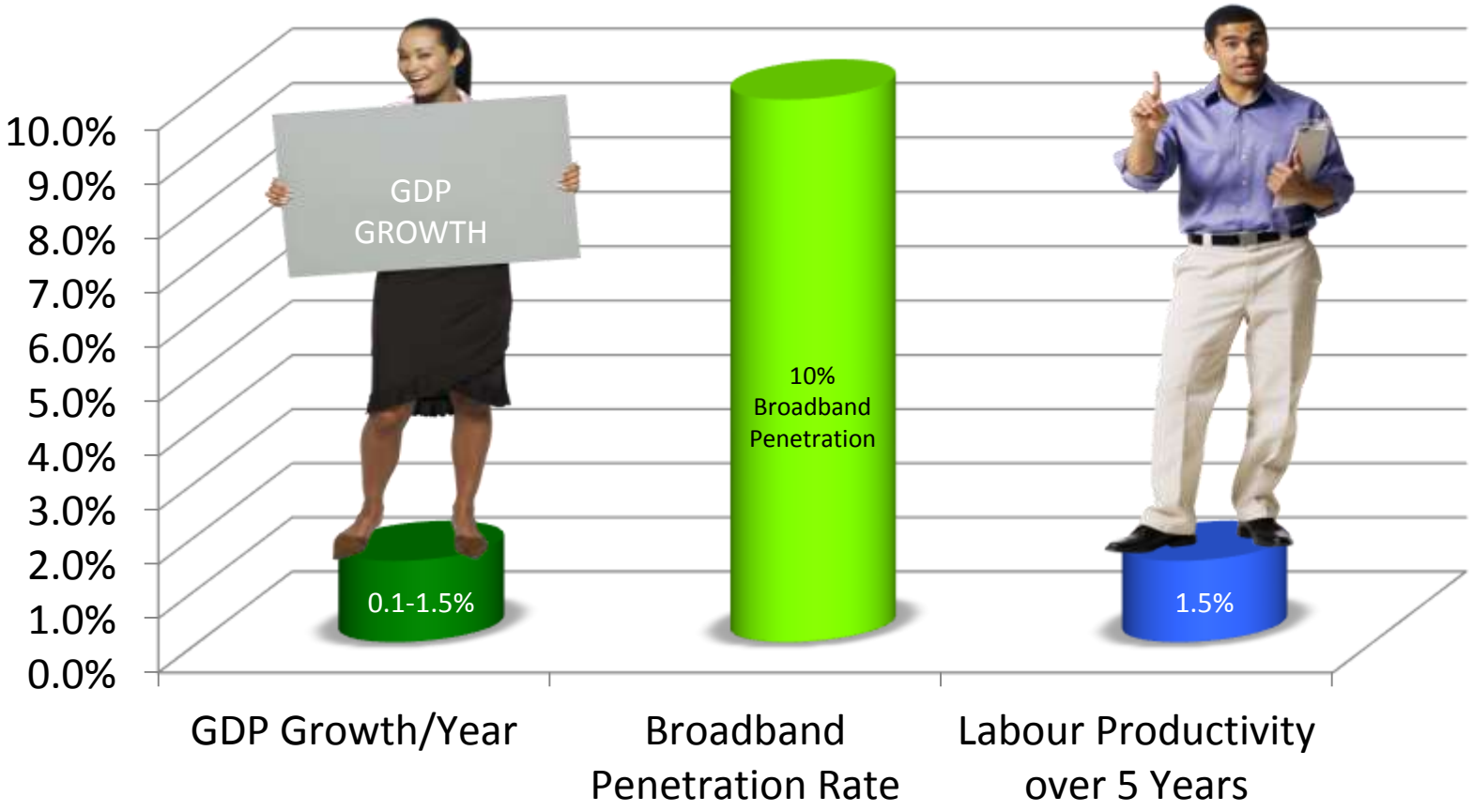
Connecting homes to broadband

40% of households in developing countries should have Internet access.

Enhancing access to broadband

Internet user penetration should reach 60% worldwide, 50% in developing countries and 15% in LDCs.

BROADBAND BOOSTS ECONOMY



CONECTING SIDS THROUGH PROJECTS

PROJECT 1: CONNECTIVITY FOR SIDS IN PACIFIC

PROJECT AIM

DEVELOPING LOW COST, RELIABLE, DIVERSE SATELLITE COMMUNICATIONS CAPACITY FOR THE SOCIO-ECONOMIC DEVELOPMENT AND EMERGENCY TELECOMMUNICAITON DURING DISASTERS

PARTNERS

SIDS: **11**

MEMBER STATES

IN PACIFIC

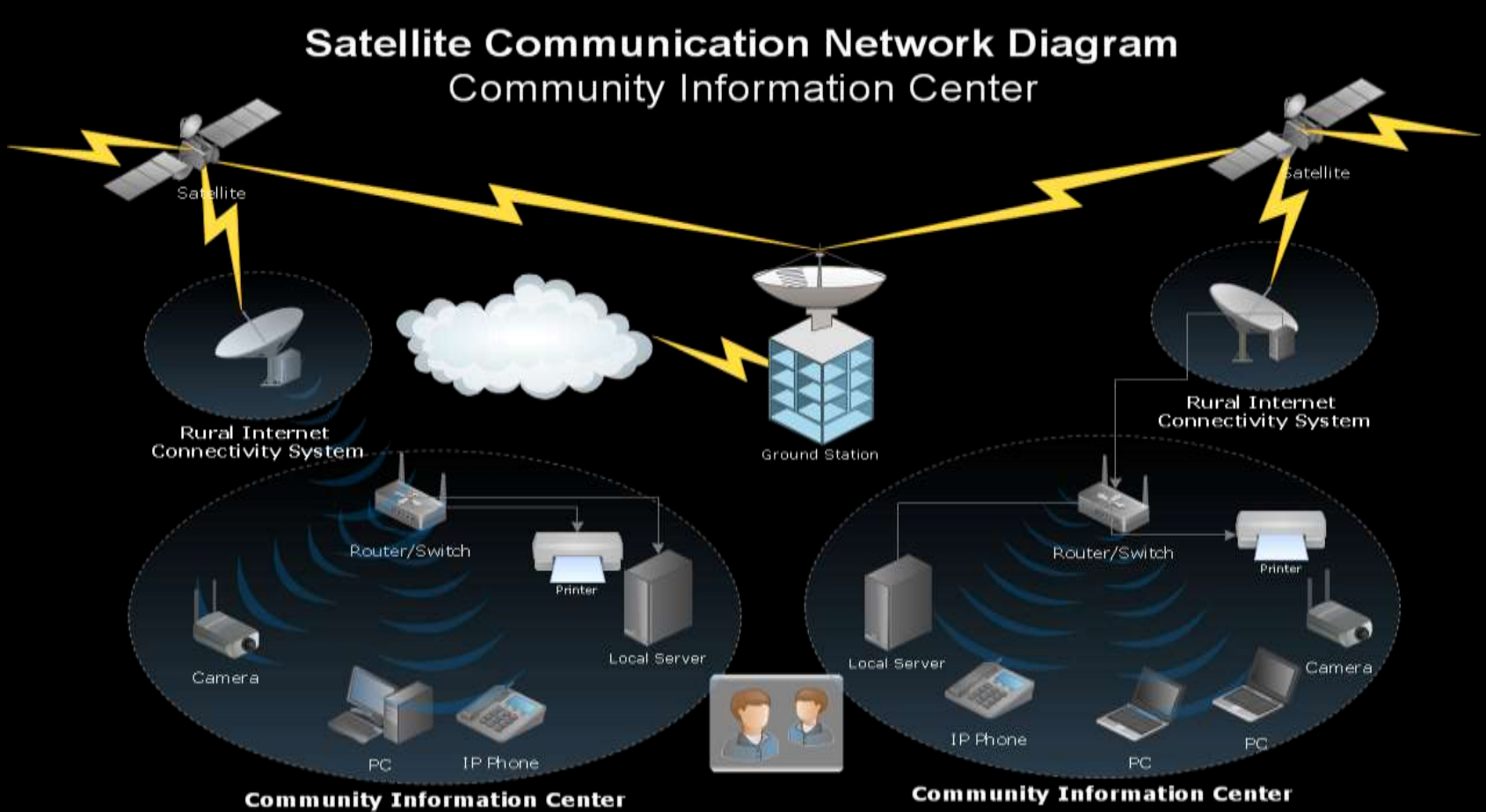
ITSO

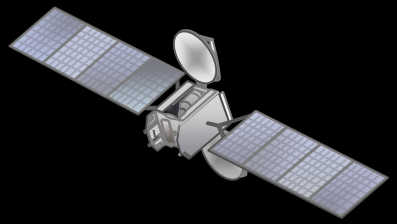
inmarsat

INTELSAT

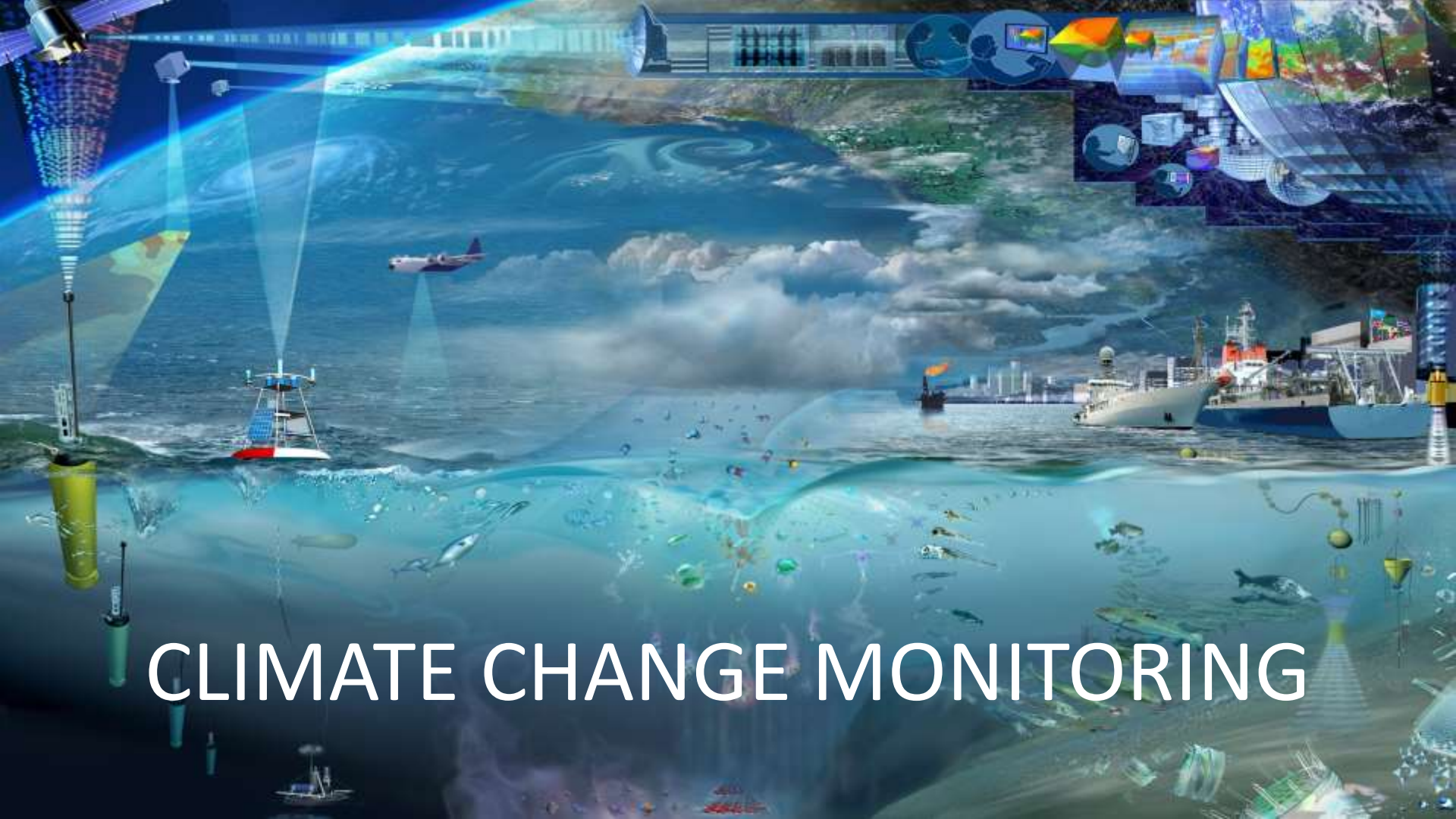
KACIFIC
BROADBAND SATELLITE

THE CONNECTIVITY PROJECT FOR SIDS IN PACIFIC





PROJECT DELIVERABLES


CLIMATE CHANGE MONITORING

SAVING LIVES

1.7 TRILLION ECONOMIC LOSSES (USD) **2.9 BILLION AFFECTED** **1.2 MILLION LOST LIVES**

DISASTER IMPACTS (2010-2012)

ICT PROJECTS FOR SUSTAINABLE DEVELOPMENT

eHealth

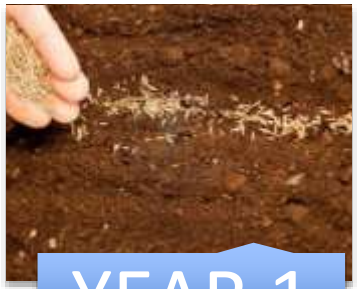
Connect Schools

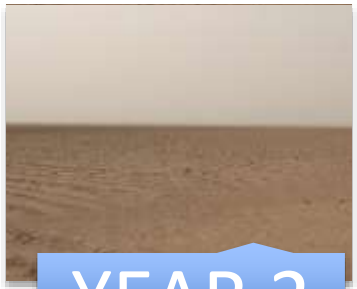
INFRASTRUCTURE FOR SAFE ACCESS

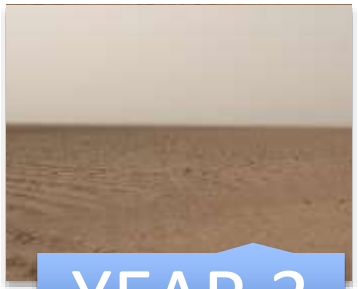
PROTECT AGAINST CYBER THREATS

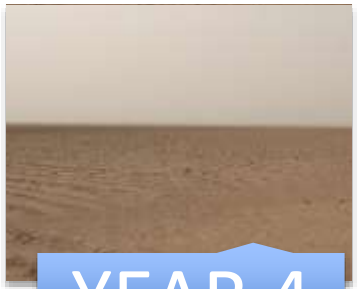
FUTURE LOOKS GOOD

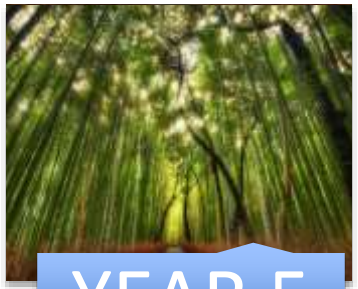
LESSONS FROM THE BAMBOO











THANK YOU

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