

First Advisory Board Meeting

18th October 2013



SMART
SUSTAINABLE DEVELOPMENT
MODEL INITIATIVE



First Advisory Board Meeting 18th October 2013

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Management

Telecommunication Development Bureau
International Telecommunication Union



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ICT Exponential Growth

ICT developments are maturing in all parts of the world



**2.7
BILLION**
PEOPLE ONLINE



**750
MILLION**
HOUSEHOLDS CONNECTED

6.8 **BILLION**
MOBILE-CELLULAR SUBSCRIPTIONS

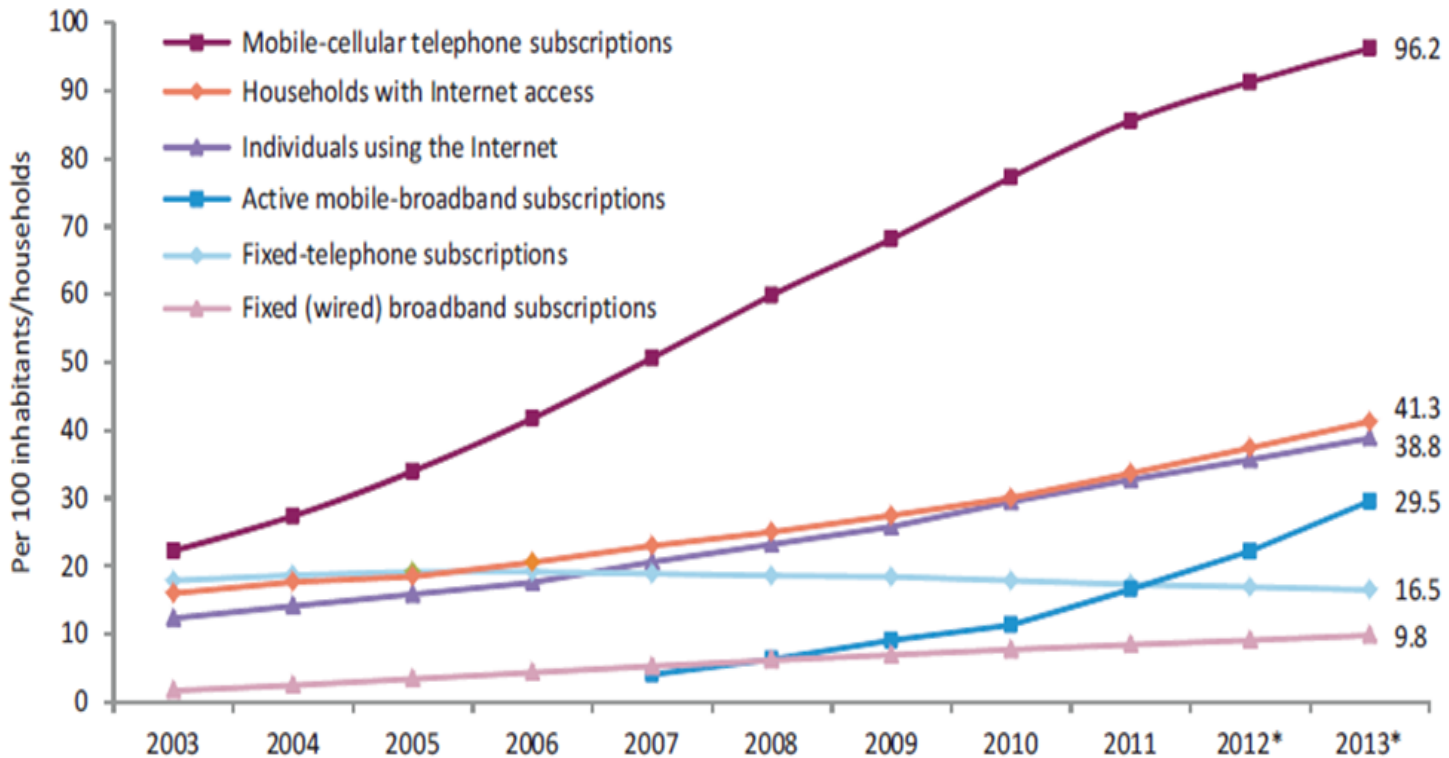
2
BILLION
MOBILE-BROADBAND
SUBSCRIPTIONS



50% OF WORLD POPULATION
LIVES WITHIN REACH OF A



Global ICT Developments 2003 to 2013*



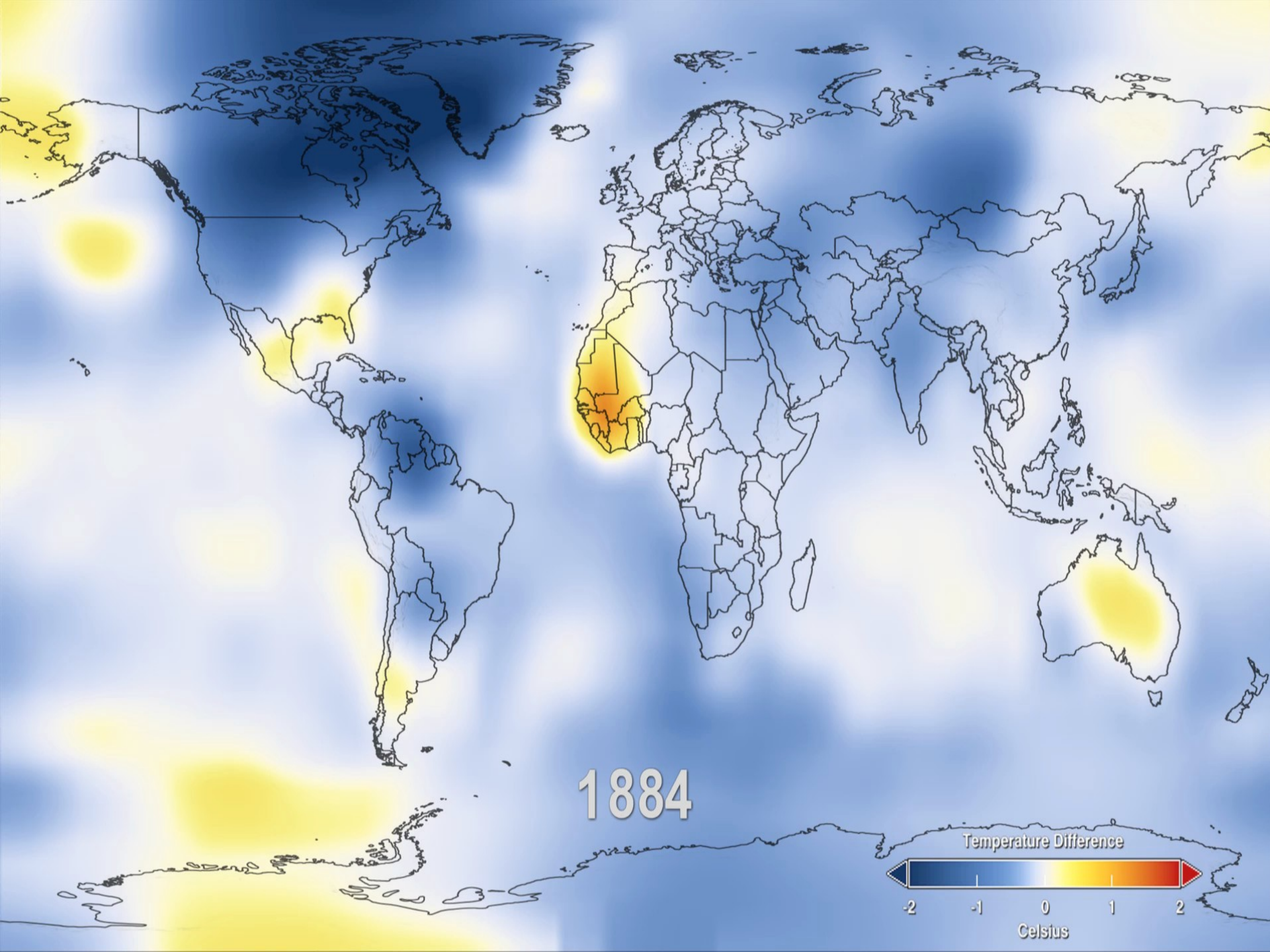
*Estimate

Source: ITU World Telecommunication/ICT Indicators Database

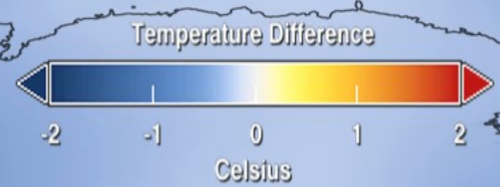


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1884

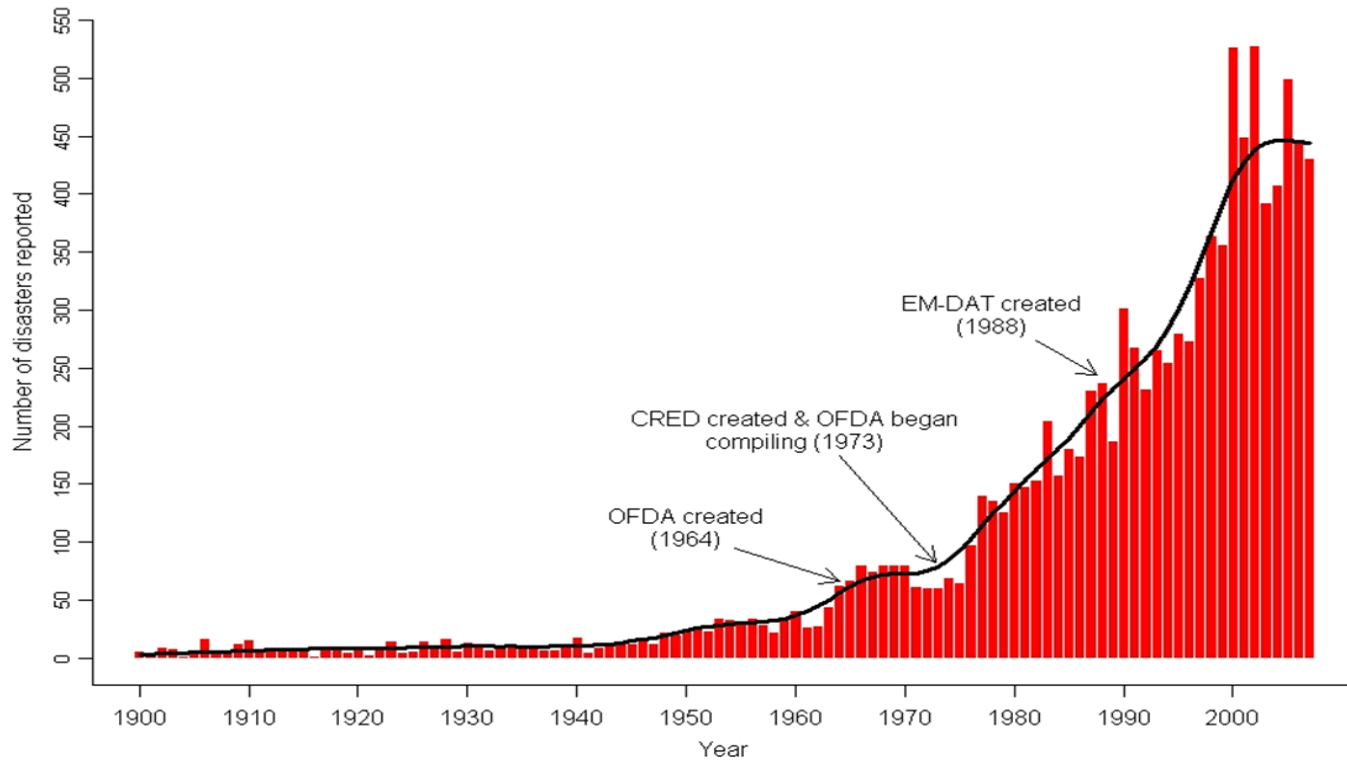


Temperature Difference

-2 -1 0 1 2

Celsius

Natural Disasters: A Global Challenge



EM-DAT: The OFDA/CRED International Disaster Database - www.emdat.be - Université Catholique de Louvain, Brussels - Belgium



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RECENT DISASTERS



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Disaster Impact (2010-2012)

1.7

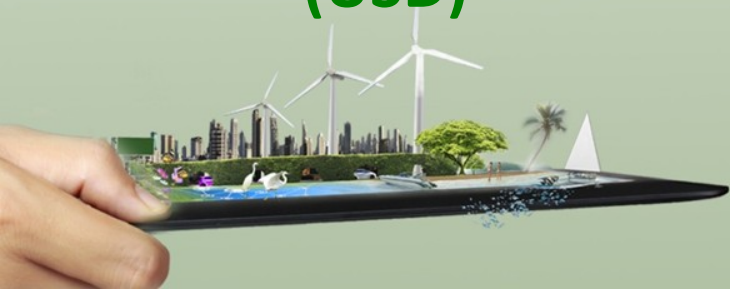
TRILLION
ECONOMIC LOSS
(USD)

2.9

BILLION
AFFECTED

1.2

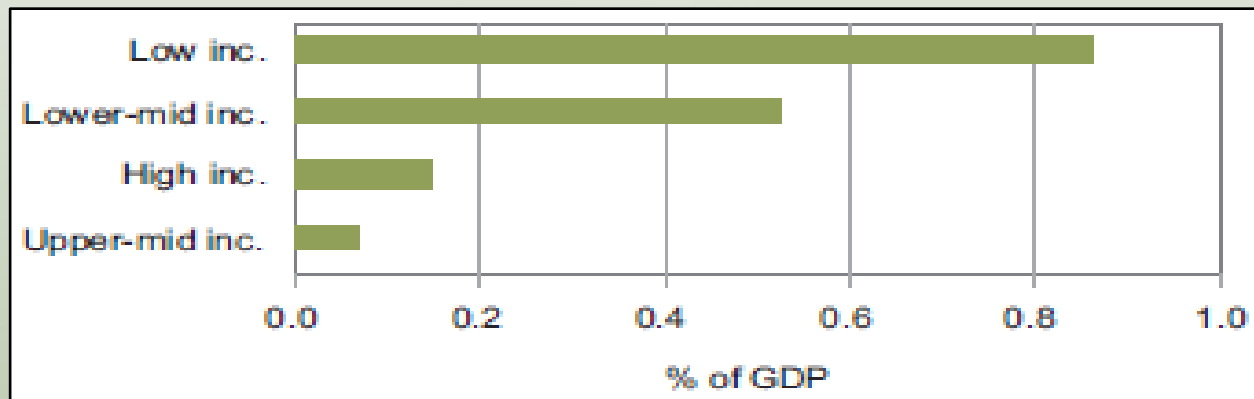
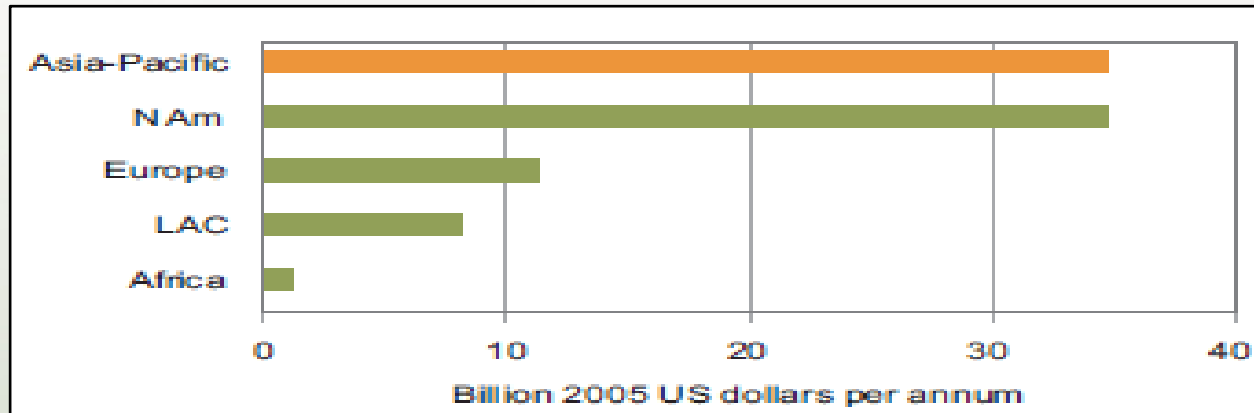
MILLION
LOST LIVES



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Economic impact by Region



Source: Statistical Yearbook for Asia and the Pacific, UNESCAP, 2011



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SSDM

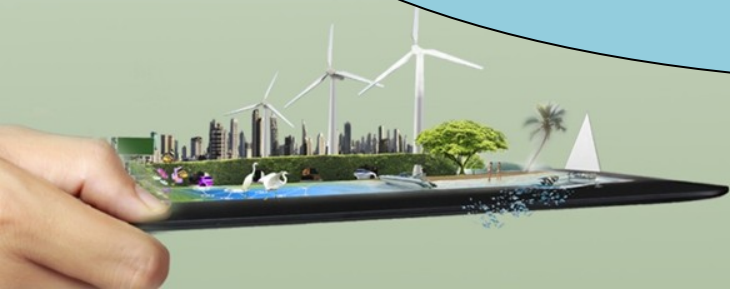
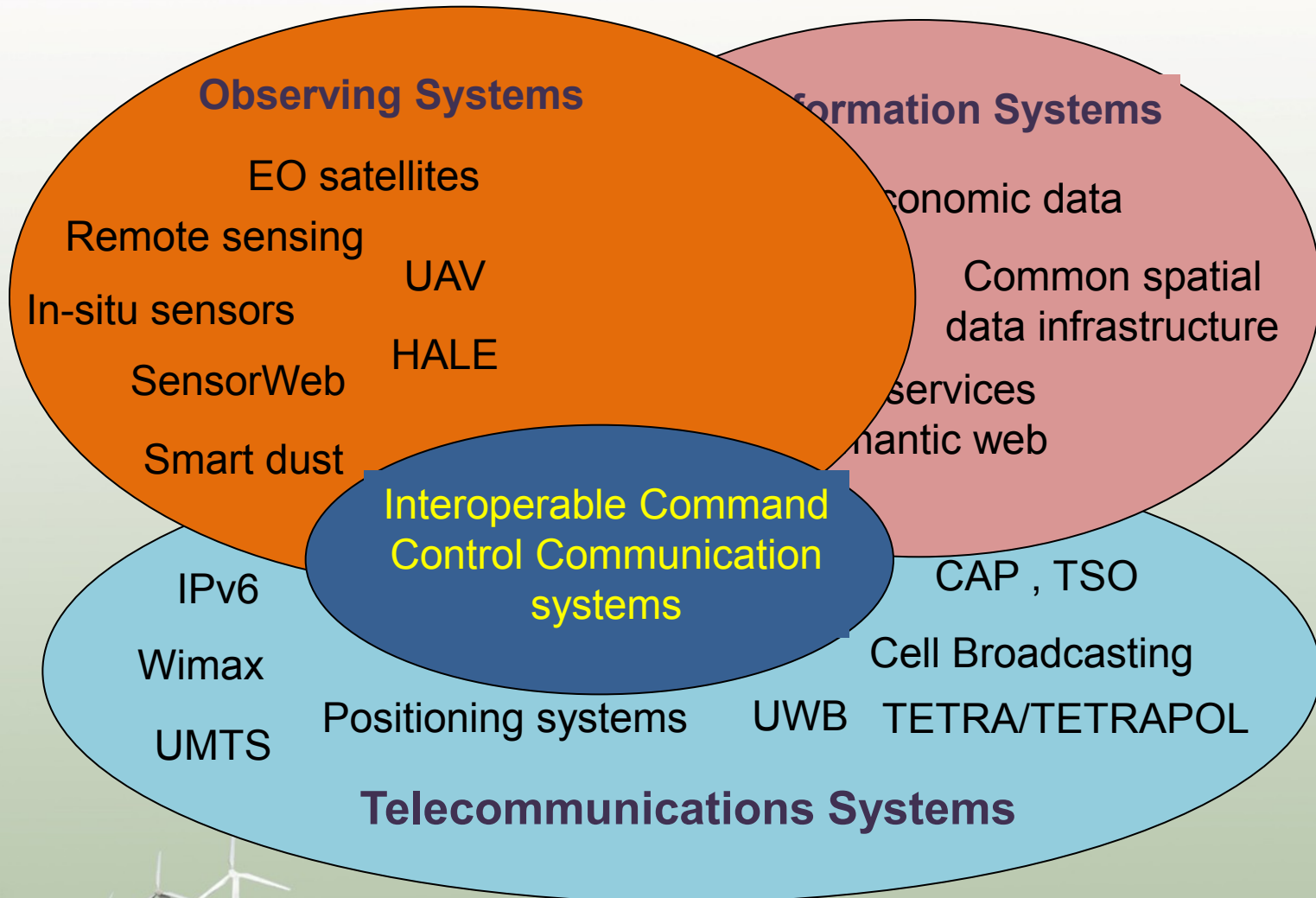
DEVELOP NATURAL LINKAGE BETWEEN **ICT FOR DEVELOPMENT (ICT4D)** LEADING TO SUSTAINABLE DEVELOPMENT AND **ICT FOR DISASTER MANAGEMENT (ICT4DM)** LEADING TO SAVING LIVES
&
OPTIMAL USE OF ICT/TELECOMMUNICATION RESOURCES TO IMPROVE AND SAVE LIVES.



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Hybrid of Technologies



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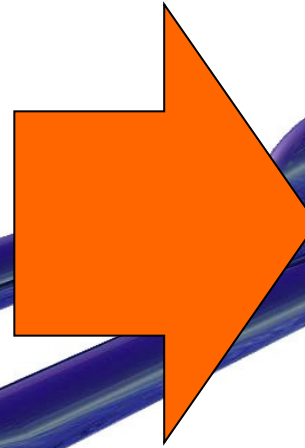


Going Forward

VISION



ACTION



Plan
Build
Prepare
Protect
Detect
Respond



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More with Less

INVEST 1\$ IN MITIGATION & PREPAREDNESS

1\$

SAVE MORE LIVES

20\$

to

14\$

SAVE 14 - 20 \$ IN RESPONSE



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ITU Framework for Cooperation in Emergencies (IFCE)

Technology Cluster

- Satellite Operators and Service Providers
- Land Earth Station Operators
- Telecom Operators
- GIS and Remote Sensing Operators
- Radio Communication Equipment Providers

Financial Cluster

- Governments
- Private Sector
- Development Banks
- Regional Economic Groups
- Philanthropic foundations
- International Organizations

Logistics Cluster

- International Couriers
- Air-Transport Operators
- National Airlines
- International Organizations



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POWER OF PARTNERSHIPS



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Topics for Consideration



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Financing



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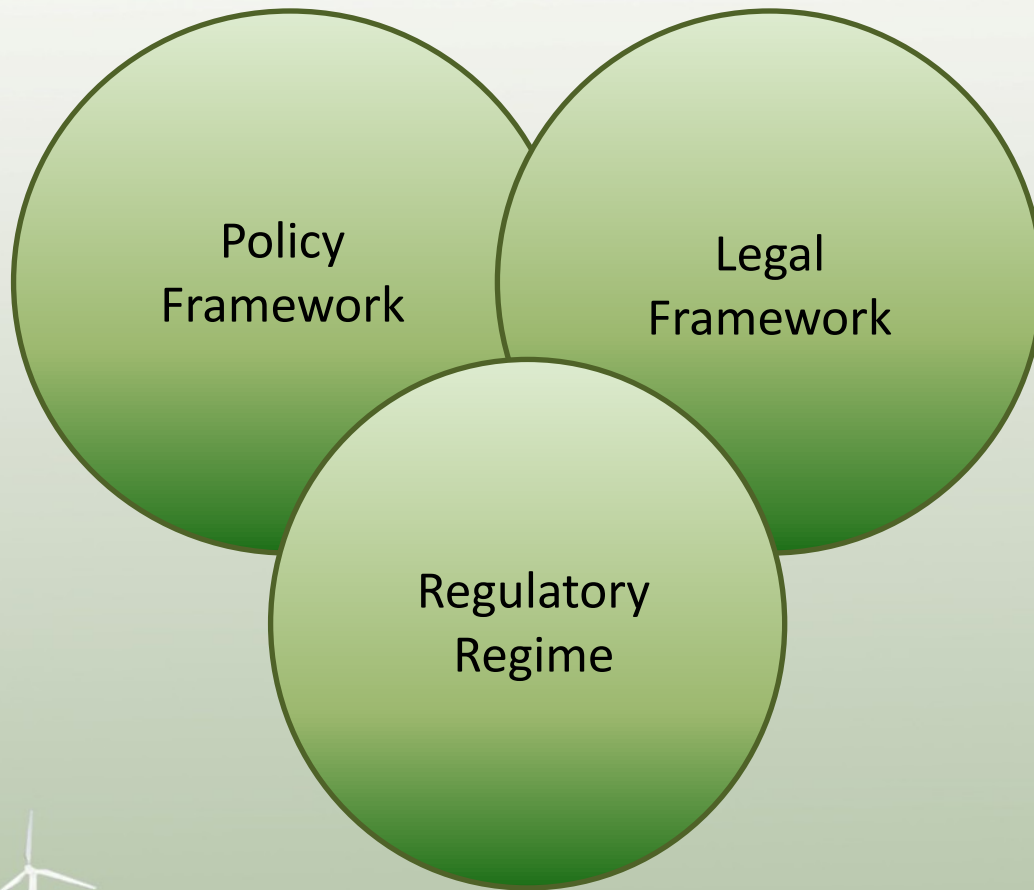
Local Participation: Volunteers



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Drivers for SSDM



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Business Models



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**ICT4
D**

**ICT4D
M**



Thank you for your attention!

SSDM for a better tomorrow

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<http://www.itu.int/en/ITU-D/Initiatives/m-Powering/Pages/default.aspx>



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