Striving to achieve through international standards

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Importance of global standards

- Drive competitiveness, for individual businesses and world economy;
- Lower prices;
- Reduce technical barriers;
- Foster interoperability;
- Manufacturers, network operators and consumers;
- Reduce negative impacts on the environment.

Work with us!
“Now we must move from aspirations to action. 
By implementing the Paris Agreement, we will be 
BUILDING THE FUTURE WE WANT... 
on a planet that is protected and nurtured 
for the benefit of all.”

UN SECRETARY-GENERAL 
BAN KI-MOON

Source: http://bit.ly/1oWJ0M8

DEMAND THAT WORLD LEADERS SIGN 
THE PARIS AGREEMENT THIS EARTH DAY: 
http://climaterealityproject.org/earthday
Smart Water Management in Cities

Requirements for water sensing and early warning systems

700 million people in 43 countries are suffering from water stress and scarcity

1 billion people without access to clean water

ITU-T L Suppl.16 to ITU-T L.1500

ITU-T L Suppl.15 to ITU-T L.1500
For example, applying best practices to cooling could reduce the energy consumption of a typical data centre by more than 50%.

ITU-T L.1300
ITU-T L.1301
ITU-T L.1302
ITU-T L.1310
ITU-T L.1320
ITU-T L.1321
ITU-T L.1330
ITU-T L.1340
By 2050, 70% of the world's population is expected to live in urban environments.

Cities produce up to 70% of global greenhouse gas emissions.
A ton of gold ore yields just 5 g of gold, whereas a ton of used mobile phones yields a staggering 400 g.
Adapting information and communication technology infrastructure to the effects of climate change

Methodologies to assess the environmental impact of ICT

195 countries

Keep warming “well below 2°C”.

ITU-T L.1400
ITU-T L.1410
ITU-T L.1420
ITU-T L.1430
ITU-T L.1440

ITU-T L.1500
ITU-T L.1501
ITU-T L.1502
Thank you