

Linking Information and Communication Technologies with the Cancun Agreements

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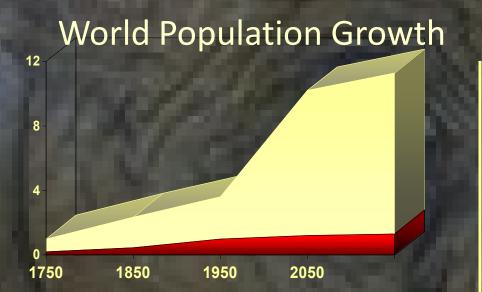


CONTENTS

(1)"CALL TO ACTION"

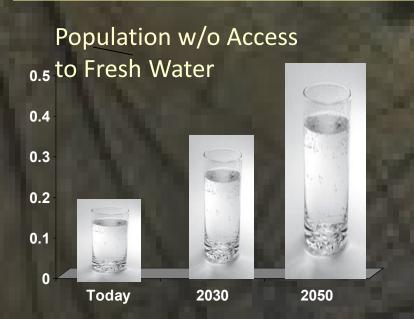
- The Problem
- The Solution (available today)
- (2) MITIGATION TO ADAPTATION
- (3) CANCUN DURBAN

Climate Change + requires urgent ICT solutions













65M years 45M years ago

600 500

400 300

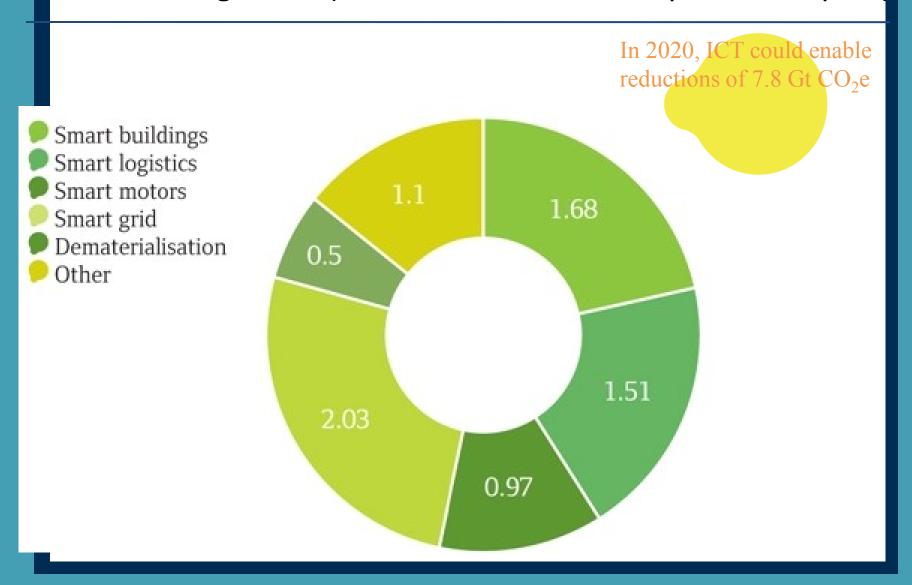
200 100

ago

25M years ago

Present

The Enabling Effect (extract from Climate Grp's 2020 report)



ICT Mitigation Technology



Estimating carbon reduction under a 'broad adoption' scenario

Cloud could reduce the ICT sector's carbon foot print by 5%

- We assume that 80% of organisations in each size category migrate.
- 2. We estimated carbon abatement potential of 1.52 Mt CO2e

Country	Annual Emissions Abatement (MTCO2e)	Percentage of Annual Country Emissions	Percentage of Annual Country ICT Emissions
France	0.08	0.11%	2.3%
Germany	0.80	0.23%	4.5%
Sweden	0.01	0.06%	1.1%
United Kingdom	0.63	0.28%	5.7%

Equivalent to:

- 0.23% reduction of total annual emissions
- 4.6% reduction of the ICT sector emissions
- 90.4% reduction compared to on-premise emissions
- 500,000 cars permanently off the road













ICT adaptation technology (example)

Adaptation Example: SOAK

Microsoft®

Many of technologies are already well developed and available:



- Water consumption
- Virtual education
- •etc.





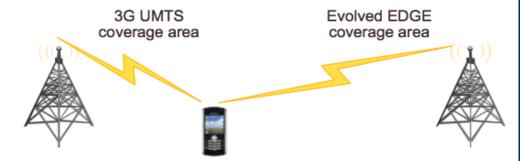
ICT adaptation technology (example)



Operator can use existing spectrum over entire

coverage footprint

Service continuity for premium performance



Less noticeable drop in performance when moving from HSPA to Evolved EDGE coverage areas



Software upgrade to most base stations



CANCUN – DURBAN - ...

- Climate Agreement is important. Important global signal.
- In the meantime, we support
 - Cancun's Climate Technology Center and Network
 - Reiterate our Joint Guadalajara Declaration:
 - Integrate ICT in national dvlpt plans & infrastructure strategies
 - Solution available today not X years time.
 - Importance of ICT4EE forum
 - Organise virtual platforms to drive this message and develop partnerships with countries around the world (see flyer for more information)

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- European/ National ICT Associations
- International StandardisationOrganisations
- Green IT industrial initiatives
- International Organisations
- Environmental Reporting Schemes
- NGOs



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