

4. Ongoing Research and Development of ICT in Fighting Climate Change

4.1. Symposium

[ITU\(International Telecommunication Union\)](#)

Symposia on ICTs and Climate Change

The issue of global warming needs to be tackled from a global perspective, because its impact affects the entire planet and it is growing more serious every year. In Kyoto, in December 1997, the world took concrete steps to mitigate climate change with a roadmap to a new international agreement to limit and reduce GHG emissions. The first commitment period set out in the Kyoto Protocol runs from 2008 to 2012 and a UNled process is now underway to develop a successor agreement to limit and reduce GHG emissions.



4.1.1 Kyoto Symposium

Held in Kyoto, Japan, on 15-16 April 2008, hosted by MIC

Chaired by: Mr. Takahashi Hanazawa of Senior Vice President and Director of R&D Planning Dept, Nippon Telegraph and Telephone Corporation (NTT)

Participants: Organizations including the private sector, research institutes, international organizations and governments.

Objective: To investigate the role that ICTs play in causing global warming, also in monitoring, mitigating and adapting to climate change.

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| Climate change: ICTs to the rescue? |
| Corporate responsibility: Towards a climate neutral ICT Sector |
| ICTs for monitoring climate change |
| ICTs as a clean technology |
| Towards a high bandwidth, low carbon future |
| Adapting to climate change |

4.1.2 London Symposium

Held in London, UK, on 17-18 June 2008, hosted by BT

Chaired by: Mr. Tom Walker, Director, Europe and International Business Relations, Department for Business Enterprise and Regulatory Reform (BERR).

Participants: Organizations including the private sector, research institutes, international organizations and governments.

Objective: To build on the outcomes of the Kyoto Symposium.

Mr Malcolm Johnson (ITUT) said: "There seems to be three order effects to address:

- Energy consumption of ICT equipment;
- Efficiencies to be gained through the use of ICTs in other sectors;
- The need for a behavioural change - both for businesses and consumers."

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References:

1. ITU, (2008): ITU Symposium on ICTs and Climate Change London, UK, 17-18 June 2008, Chairman's Report (Final, 30 June). Retrieved on 12th November, from http://www.itu.int/dms_pub/itu-t/oth/06/OF/T060F0000100001PDFE.pdf
2. ITU/MIC, (2008): ITU/MIC Kyoto Symposium on ICTs and Climate Change 15-16 April 2008, Chairman's Report (Final, 24 April). Retrieved on 12th November, from http://www.soumu.go.jp/s-news/2008/pdf/080416_5_bs.pdf

