# The World Economic Forum, ICT and Climate Change

**ITU and MIC International Symposium**
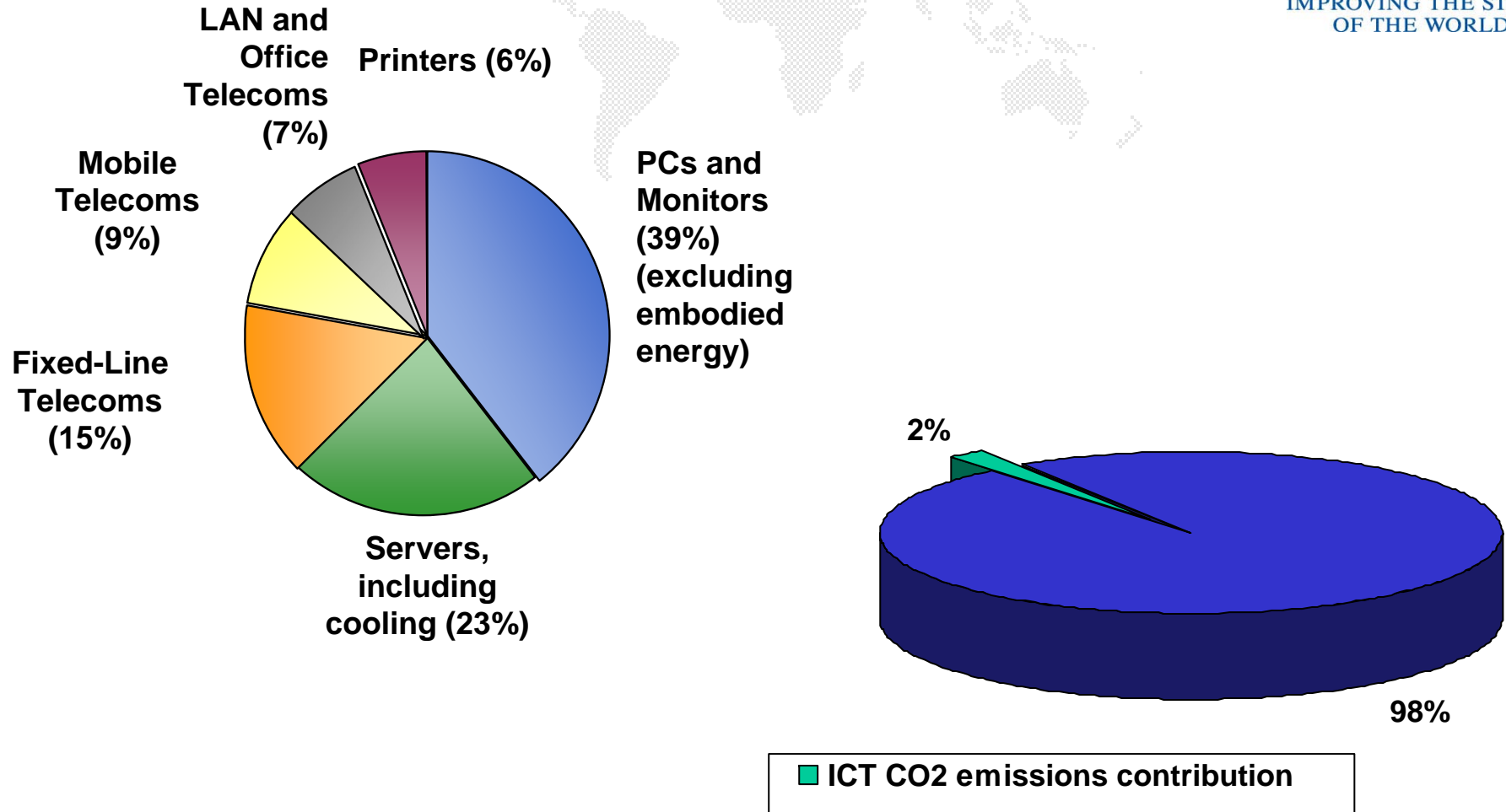**April 15-16 2008**
**Kyoto, Japan**

**The situation today:**

- An unavoidable environmental issue

- The excitement of ICT sector

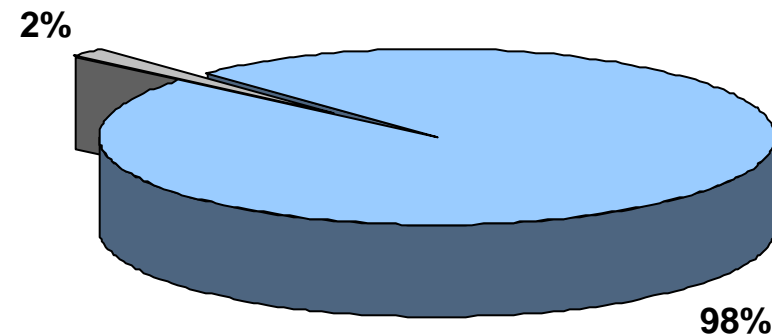- A key role for ICT to play in climate change mitigation

**The situation today:**

# The sector's defensive position:

LAN and Office Telecoms (7%)

Printers (6%)

Mobile Telecoms (9%)

Fixed-Line Telecoms (15%)

PCs and Monitors (39%) (excluding embodied energy)

Servers, including cooling (23%)

2%

98%

■ ICT CO2 emissions contribution

ICT sector spending 98% of its time talking about 2% of the problem

WORLD
ECONOMIC
FORUM

COMMITTED TO
IMPROVING THE STATE
OF THE WORLD

# The missed opportunity:

ICT-based solutions can fundamentally impact the 98% of total $CO_2$ emissions stemming from other sectors of the economy and of society.

2%

98%

☐ **Non ICT industries and public CO2 emissions**

**Infrastructure Innovation**

**Behavioural change and green enablement**

**Energy efficiency of ICT products and solutions**

# Drivers of change:



Pragmatic ICT solutions based on economic rational

# The 2008 challenge for Forum, Partners and Government:

- Establish **list** of economically viable **approaches**

- Develop **clear message**

- Create **incentives** for change