



Smart Grids – An ICT Perspective

ICT Technologies & Trends

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Humanity's Problem = CO2 Problem

■ CO2 emissions:

- humanity: **26 Gigatons** per year → only 3%
- biosphere: **440 Gigatons** per year
- oceans: **330 Gigatons** per year

■ Humanity's CO2 emission in Giga tons per year with proven impact:

