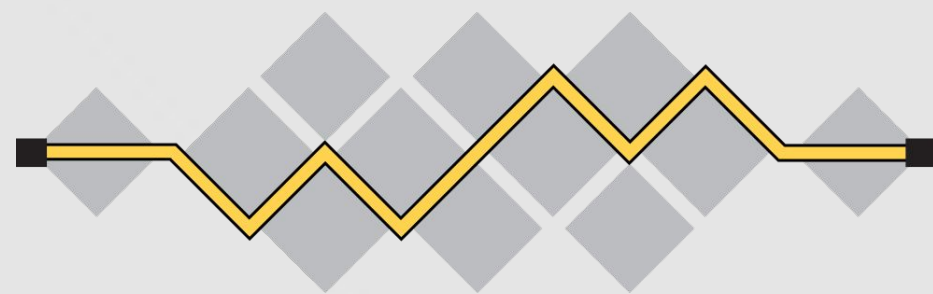




Measuring and offsetting IETF carbon emissions

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Making the Internet work better

Measuring our carbon emissions

Work to date

- Used consultants to calculate emissions for last six onsite meetings
- Simple methodology
 - Assume travel from capital city of each country and economy flights
 - Event venue emissions based on area
 - Hotel emissions based on estimated room nights
- Uses international standards
 - Emission factors are from the GHG Protocol's Emission Factors for Cross-Sector Tools.
 - Assumptions about energy use at venues and hotels are based on Commercial Buildings Energy Consumption Survey (CBECS) data

Measuring our carbon emissions

Work to date

All figures in metric tons of CO ₂ e	London 101	Montreal 102	Bangkok 103	Prague 104	Montreal 105	Singapore 106
Air travel emissions	3,508	2,859	5,328	4,111	2,974	6,408
Event venue emissions	1.0	0.5	0.8	1.5	0.5	0.9
Hotel stay emissions	30	18	27	35	19	24
Total emissions	3,539	2,877	5,356	4,147	2,993	6,433

TOTAL Emissions over two years **25,346** metric tons CO₂e

Measuring our carbon emissions

Plan for the future

- Aim is to have much better emissions calculations
 - Correct city, mode and class of transport, route
 - assumes people are willing to share their data for this purpose
 - Include non-meeting operations
 - Track the calculation standards as they develop
- Questions for the community (These are specifically about measurement not offsetting).
 - Any objections to the LLC just getting on with this?
 - What role for the community in this?

Offsetting our carbon emissions

The big part

- Only action so far is to identify consultants who can help with this
 - provide educational material
 - contribute to community workshops
 - research the market
- What kind of community consensus is needed to offset?
 - none?
 - consensus to do it?
 - consensus on the policy guiding how we offset?
 - consensus on the chosen methods/schemes?

「thank you.」