

IETF and Towards Sustainability (Considerations)

IAB workshop on Environmental Impact of Internet Applications and Systems
(eimpactws)

Jukka Manner

Professor, PhD.

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Aalto University
School of Electrical
Engineering

What would be in scope ?



Scoping a bit more

- **Energy consumption ?**
 - Electrical energy or everything ?
 - Renewable energy ?
 - Embodied or operational ?
- **Carbon emissions ?**
 - Which scopes 1, 2 and/or 3 ?
- **Whole life cycle (LCA) ?**
- **Hardware ?**
 - Idle consumption and load-based consumption

Scoping a bit more

- **Software (e.g. implementation guidelines) ?**
- **Architectures and their impact ?**
- **Protocol-level ?**
- **Footprint and/or handprint ?**
- **Short term vs long term ?**
 - Eg. moving to renewables is a short term solution, long term is about less energy usage (and are energy sources even in the IETF's scope?)
- **Is there even a problem to consider by the IAB/IETF ?**