



## Together, let's Shape the Future of the Sustainable Internet

Mirjam Kühne 8 January 2020 RoN++

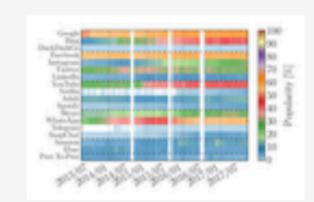
## **RIPE Labs Content on Sustainability**





### What Do We Do With E-Waste?

The headlines are raising awareness about the plastic soup that's clogging up our oceans but there's another problem much closer to home for much of the RIPE ... 09 Nov 2018 — SUSTAINABILITY, COMMUNITY





Sustainability is Good for the Internet (and Business too) Michael Oghia — 23 Jun 2017

Five Years at the Edge: Recording the Evolution of Web Usage from an ISP

Danilo Giordano — 18 Jul 2019















## Learn from other Communities?

- "Engaging with Climate Change: **Possible Steps for (ACM) SIGPLAN** 
  - Association for Computing Machinery
  - Special Interest Group on Programming Languages
- "a clear responsibility to understand and explore ways of reducing the costs of its conference-focused approach to promoting exchange of ideas"
- https://www.sigplan.org/Resources/Climate/



## **SIGPLAN** and Climate Change

www.sigplan.org/Resources/Climate

### **Useful Links:**

- ACM's new (as of 2019) Carbon Offset Program
- ACM's CO2 Footprint Calculator for Conferences
- · acm-climate mailing list

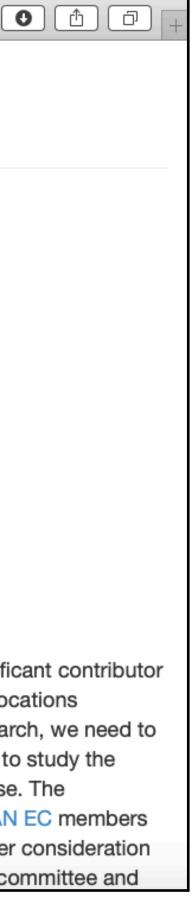
### Resources

- ACM Conferences and the Cost of Carbon (a post on the SIGPLAN blog)
- Engaging with Climate Change: Possible Steps for SIGPLAN (white paper)
- Carbon Offsets: An Overview for Scientific Societies (survey)
- Flying Less in Academia: A Resource Guide

### SIGPLAN's ad hoc Climate Committee

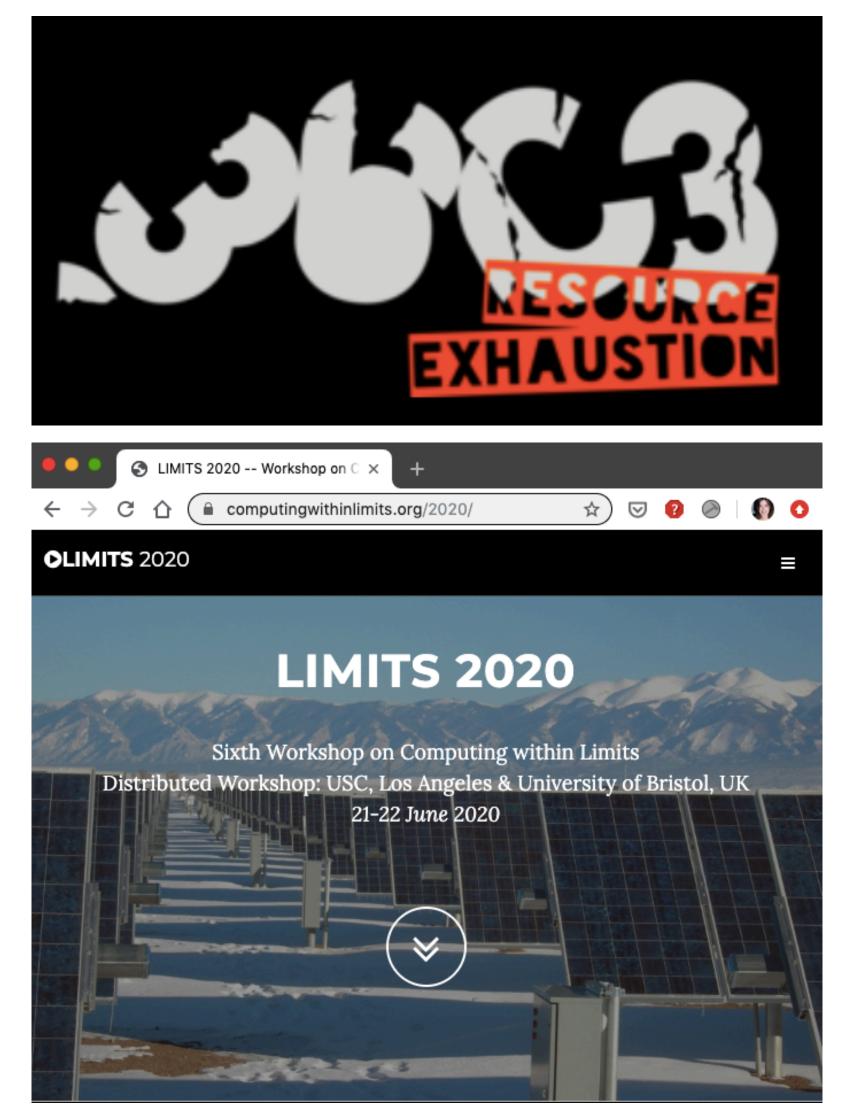
Air travel is a significant source of greenhouse gas emissions, which in turn are a significant contributor to climate change. SIGPLAN hosts a number of annual scientific meetings at various locations throughout the world. While such meetings are important for furthering important research, we need to explore possible mitigations. Accordingly, SIGPLAN has formed an ad hoc committee to study the climate impact of conferences and possible steps that SIGPLAN might take in response. The committee chair is Benjamin Pierce; its other members are Jens Palsberg and SIGPLAN EC members Crista Lopes and Michael Hicks. An interim report summarizes a number of ideas under consideration and some experiments currently underway, following intensive discussions within the committee and





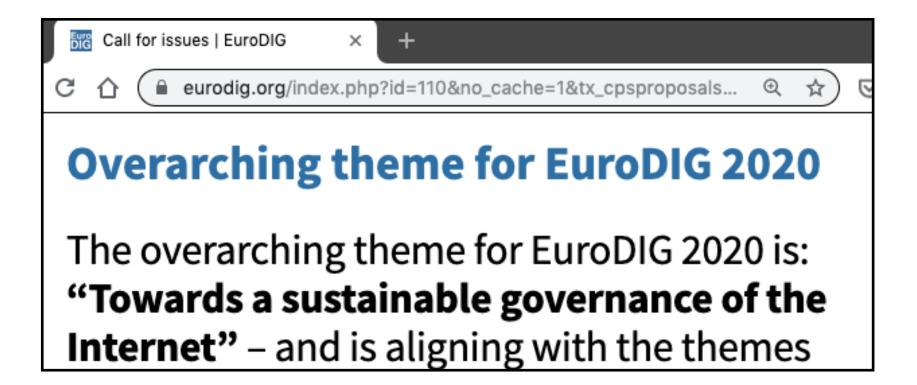


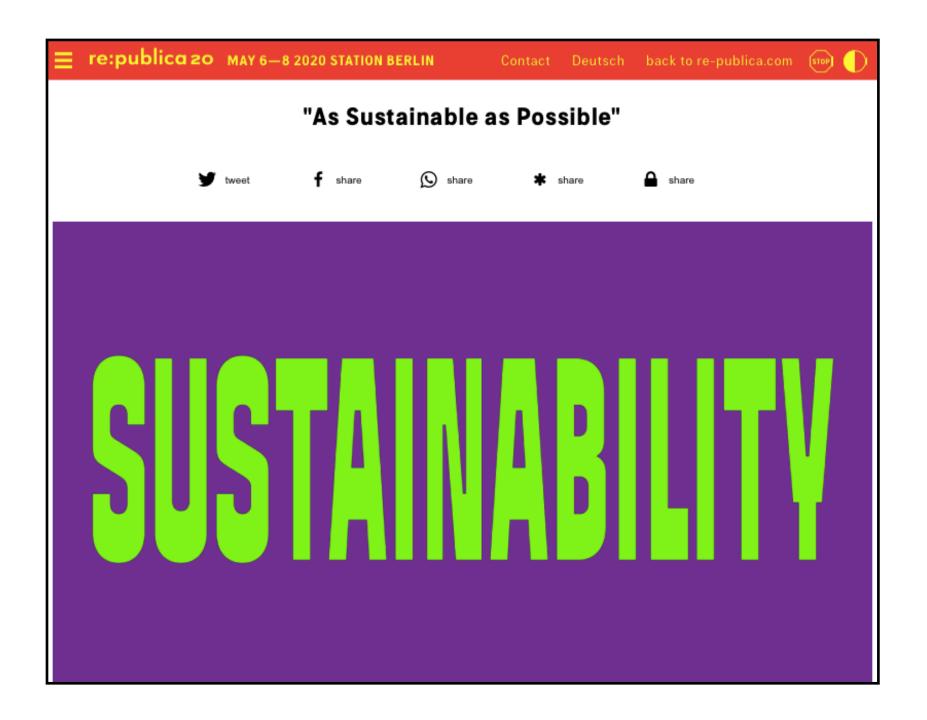
## Hot Topic in 2020



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# Ideas for Future RIPE Meetings

- Facilitate more remote participation
- Sustainability BoF at RIPE 80 (Berlin, May 2020)
- Focus on sustainability for RACI submissions
- Topic for the next hackathon?
  - "Hackathon on a train" to RIPE 81 (Milan, October 2020)
- ... more ideas!



## **Possible RIPE Community Efforts**

- Focus for Community Project Fund
- More RIPE Labs articles (<u>https://labs.ripe.net</u>)
- More research How to measure energy consumption?
- Sustainability reports
- Your ideas here...



