What has the IETF ever done for Energy ?

github.com/toerless/energy/draft-eckert-ietf-and-energy-overview
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Intentionally (recently) or Incidentally (since inception)
- Finished (RFC) or attempted/abandoned (drafts)

Energy Savings Through Scale
- The (TCP/IP, Internet) Architectures / Networks
- Converged, Global, Federated, Encryption, Freedom to innovate

Energy Saving vs. Sustainable Energy, Energy Waste/Use
- Digitization, Tele-collaboration, compute with sustainable energy

Low Power and Lossy & Constrained Networks
- 6LOWPAN, LPWAN, 6TISCH, 6LO, ROLL, LWIG, CoRE, Satellites

Sample Technologies: Multicast, Sleepy Nodes

Energy networks: Smart Grid and Syncro Phasor networks

Energy Management: EMAN & Metrics / Benchmarking

Power awareness in networks: PANET, SDN

ALL RIGHT, BUT APART FROM

THE SANITATION, THE MEDICINE, EDUCATION, WINE, PUBLIC ORDER, IRRIGATION, ROADS, THE FRESH WATER SYSTEM AND PUBLIC HEALTH.

WHAT HAVE THE ROMANS EVER DONE FOR US ?

Goal, Target, Logistics, …

- Enlightenment

- Of course: raise interest in future Energy/Green-Networking work
  - Gaps, new areas of work ?
  - NOT SUBJECT OF THIS DOCUMENT!
    - Hard goals of this document: structure of aspects, level of detail – of what was done

- Target: individual submission ?!
  - Cross-IETF. Few "GEN" examples: RFC6272 (Protocols for Smart Grid)

- Looking for collaborators / contributors

- Feedback / Discuss via Issues on githu
  - Even if just "i read it and (part of) it was useful!"

- Mailing lists ?
  - recipe@ietf.org "Reducing Energy Consumption with Internet Protocols Exploration" (dead since 2011)
  - Avoid mailing list energy waste, reuse old mailing lists ?
  - architecture-discuss@ietf.org ?