

# Ethernet Transport for Future Internet

- Energy Efficient Ethernet 802.3az coming 9/2010, products emerging
  - >> eliminates need for synchronous transmission reducing network power consumption
  - Still room for further optimisation: e.g. interaction with periodic loads, co-existence with PTP etc.
- Routing solutions for Ethernet have been developed: TRILL, TRILL with DHT, Carrier Grade Transport (ETNA)
- Need to push this technology further, scale it up and apply it into homes, into connecting Internet of Things, into mobile access, into Data Centers etc.