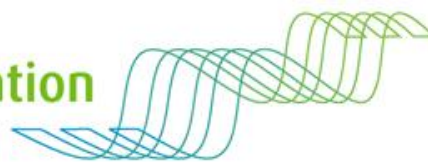


GWATT- Visualizing the GreenTouch Results





GWATT: An Interactive Application to Visualize the GreenTouch Results

CHALLENGE AND BREAKTHROUGHS

- Provide an end-to-end view of the GreenTouch portfolio of technologies and solutions
- Visualize the energy impact and summarize GreenTouch results
- Translate the Green Meter results in terms of energy cost savings and carbon emissions
- Share accomplishments in easy-to-use and interactive application accessible to everyone



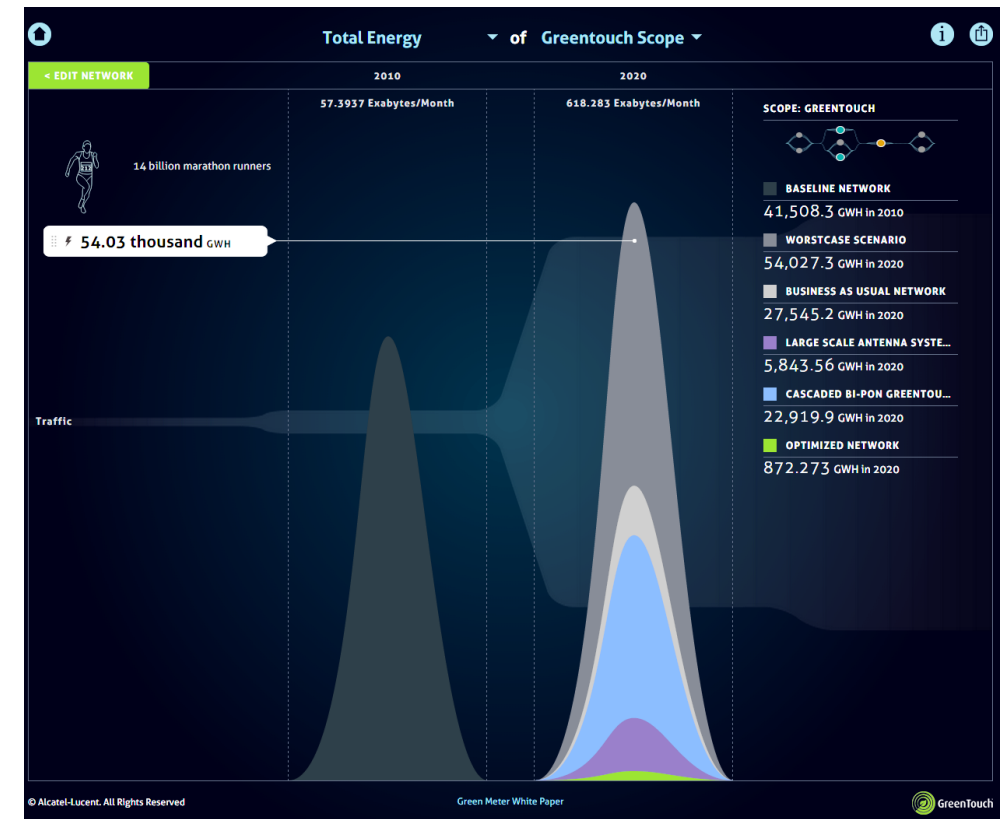
Provide End to End Perspective of the GreenTouch Impact on Network Energy



GWATT: An Interactive Application to Visualize the GreenTouch Results

KEY ACCOMPLISHMENT AND RESULTS

- Interactive application publicly launched and available at: <http://gwatt.greentouch.org/>
- Incorporates portfolio of technologies from mobile access, fixed access and core networks
- Demonstrates how individual technologies and combinations improve network energy performance and energy cost
- Interactive graphical user interface to explore different technology evolution scenarios



Visualizing the Impact of GreenTouch Portfolio and Results in an Intuitive Application



GWATT: An Interactive Application to Visualize the GreenTouch Results

DEMO DESCRIPTION

- Live demonstration of the GWATT application
- Selection of the GreenTouch network domains: mobile access, fixed access and core networks
- Technology selections from GreenTouch portfolio
- Visualization of energy efficiency gains, energy cost, energy consumption and CO2 savings
- Relative comparison of different network evolution scenarios



Comparison of Energy Benefits of GreenTouch Technologies with 2010 Baseline and 2020 Business-as-Usual Network Evolutions