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
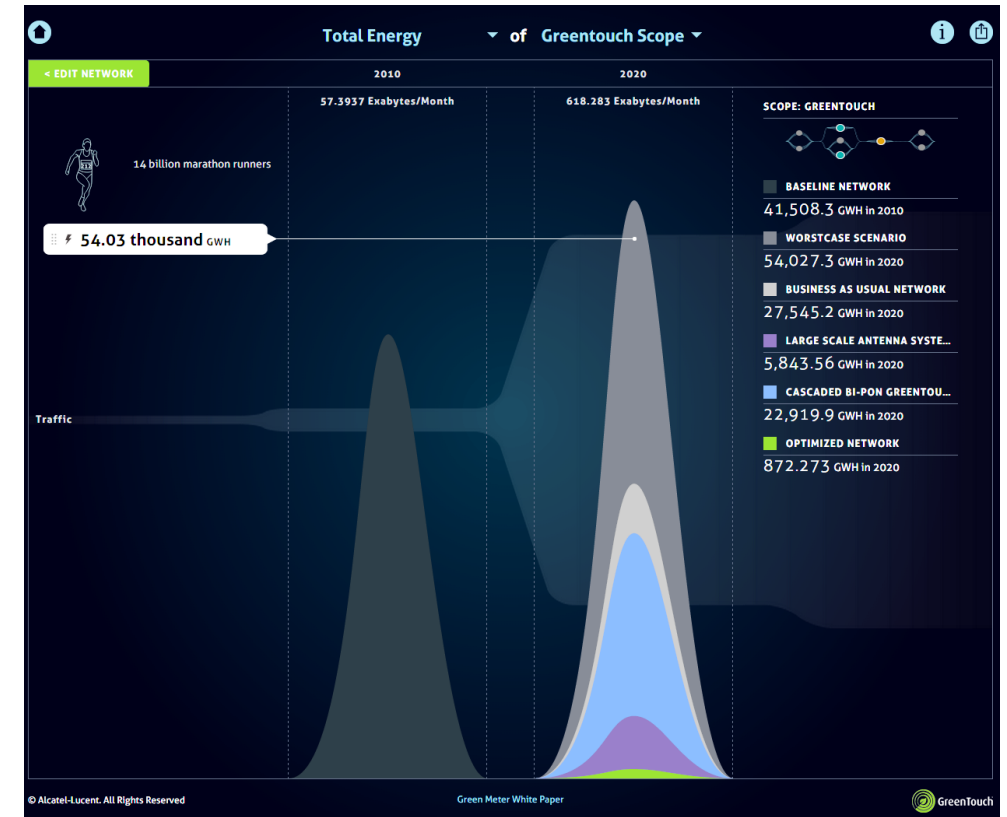

Provide End to End Perspective of the GreenTouch Impact on Network Energy

GreenTouch

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

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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 CO_2 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