



IP Networks Transforming the Grid

Jan. 19 2009

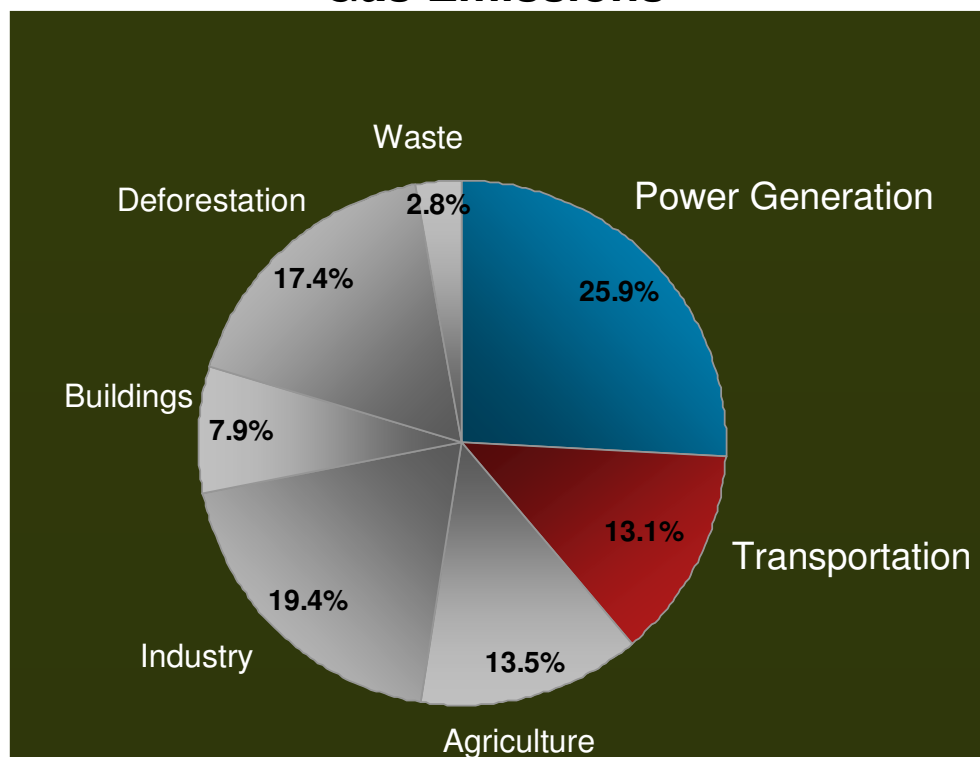


Bob Friday
Dir. Strategic Initiatives
Wireless Networking Business Unit
Cisco

Carbon Reduction

Contribute to a Greener, Sustainable World

Sources of Global Greenhouse Gas Emissions



Additional Effects

- Distributed Generation
- Self Sufficiency
- Reliability

Source: International Energy Agency; U.S. Department of Energy; Pacific Northwest National Laboratory, 2007; IPCC Fourth Assessment Report 2007; Cisco IBSG

Economic Transformation

Moving Investments to Local Economies

Today



2007 Automotive
210 Million Cars
7.665B Barrels Total
4.445B Barrels Imported
\$222B @ \$50 to Imports

\$2T



Future

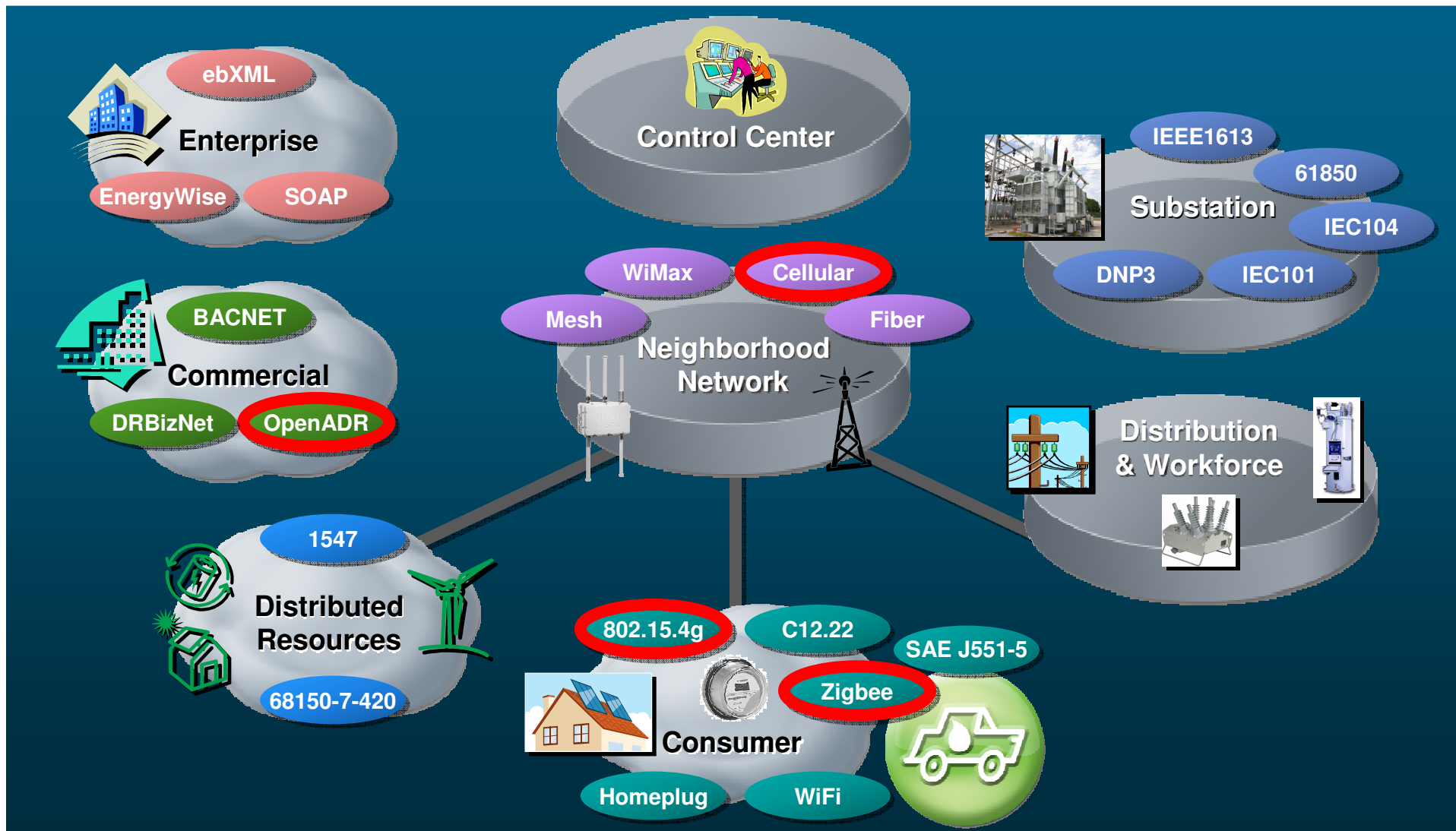


<http://www.eia.doe.gov/bookshelf/brochures/gasoline/index.html>

<http://www.eia.doe.gov/cneaf/electricity/epa/epat2p2.html>

Regulatory Evolution

Smart Grid Standards and Interoperability



Evolution is Happening

Energy Smart Meter Project

Keeping your lights on just got easier.

Get the most from our existing grid.

Support green power.



Fuel tomorrow's plug-in cars.



See what you're buying.



Summary

- *Carbon Reduction*
- *Economic Transformation*
- *Standards and Interoperability*



Bob Friday
Dir. Strategic Initiatives

