

WELCOME

SSL Technology Development Workshop

November 17, 2015

Portland, Oregon

James R. Brodrick, Ph.D.

U.S. Department of Energy

Lighting... and More



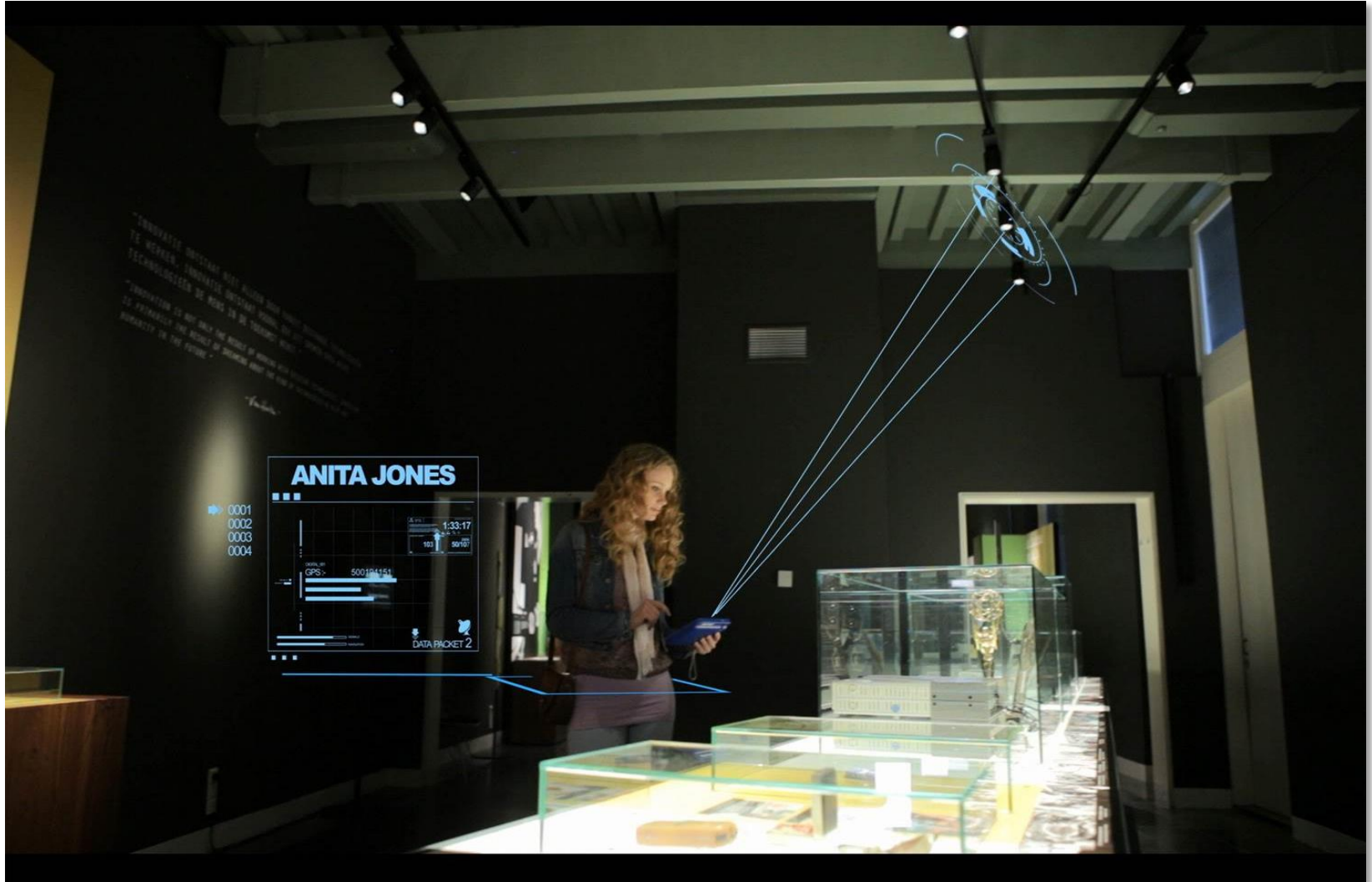
Andreas Wojtysiak, OSRAM,
2015 SSL R&D Workshop

Lighting... and More



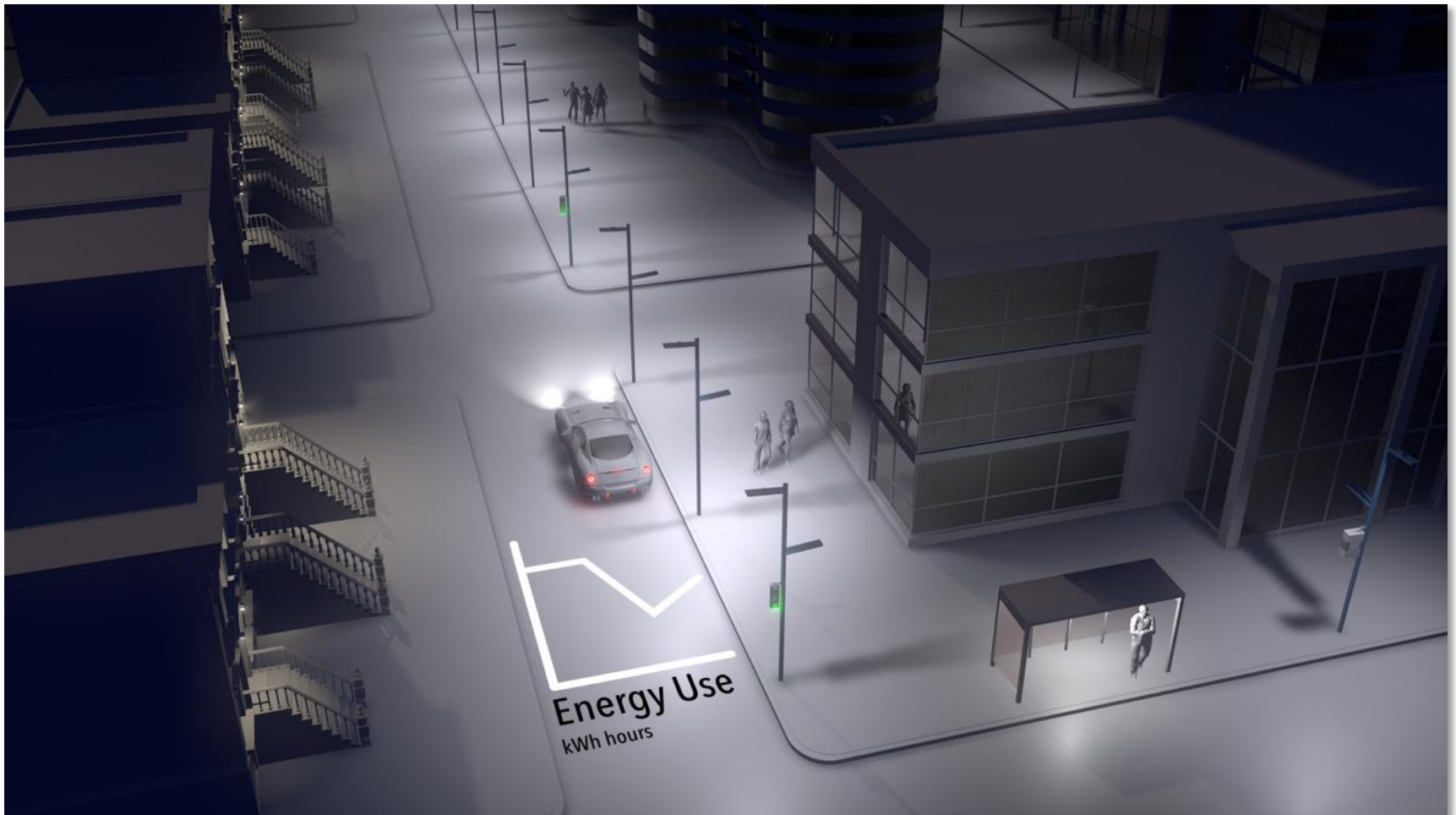
Robert Spivock, GE, 2015 SSL R&D Workshop

Lighting... and More



Susanne Seitinger, Philips Color Kinetics,
2014 SSL Technology Development Workshop

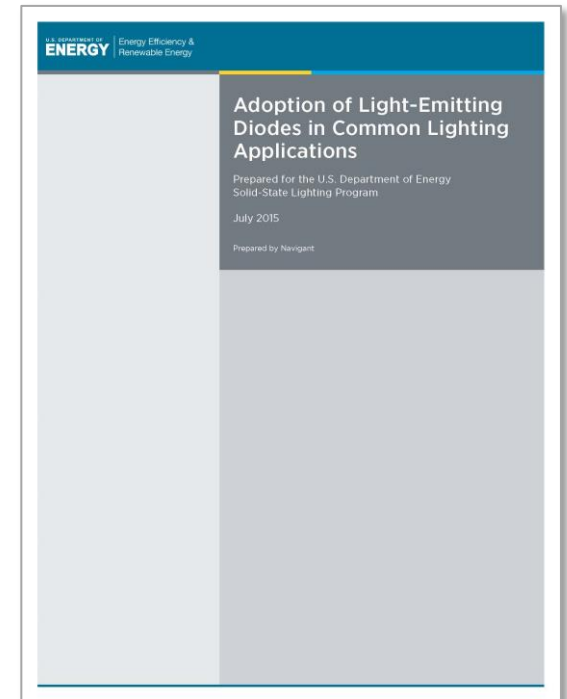
Lighting... and More



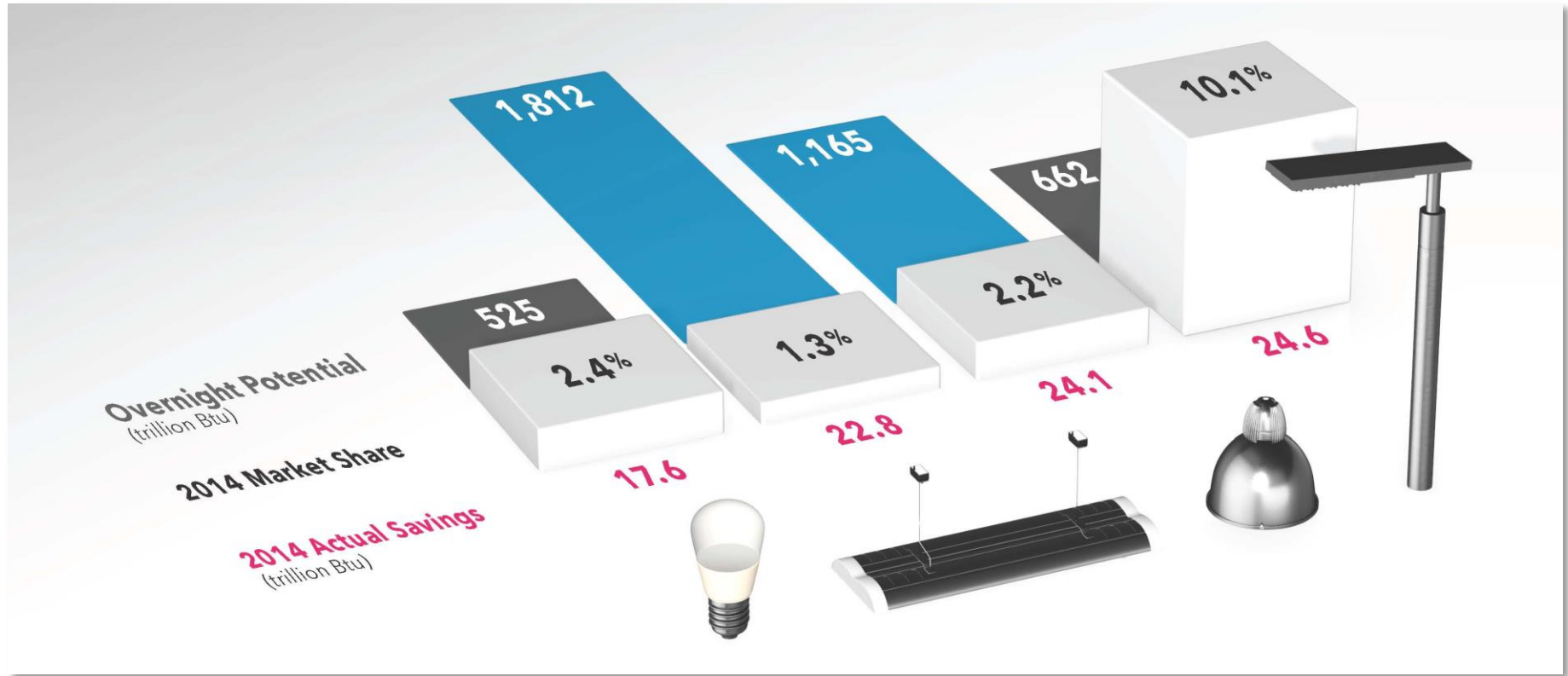
Michael Poplawski, Pacific Northwest National Laboratory,
2015 Connected Lighting Systems Meeting

Where Are We Now?

- DOE report analyzes markets where LED lighting is making inroads
- 2014: 143 tBtu in energy savings (equivalent to \$1.4B)
- Represents only **5% of potential**
- Applications with greatest future energy savings: linear and low/high bay luminaires

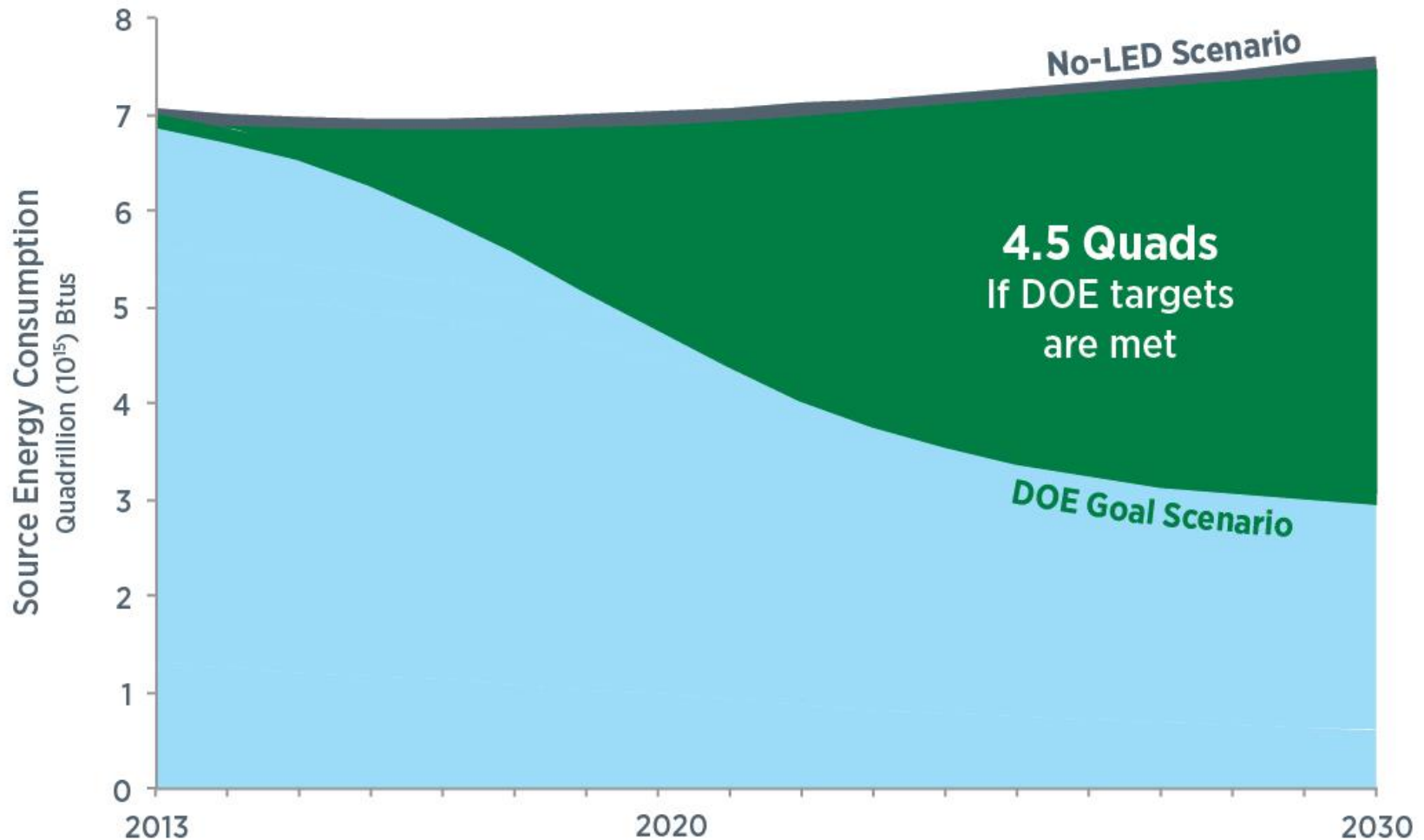


Actual vs. Potential




More on this, later today

Further Efficacy Gains: What America Stands to Gain



More on this, tomorrow

A landscape photograph featuring rolling green hills in the foreground and middle ground. The sky is filled with soft, grey clouds, and a vibrant rainbow arches across the upper portion of the frame. The text is overlaid on the right side of the image.

The best is
yet to come.

– William Shakespeare