

California Plug Load Research Center Workshop

The Workshop on California Decarbonization

Oct. 28, 2019



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California Plug Load Research Center

California Institute for Telecommunications and Information Technology

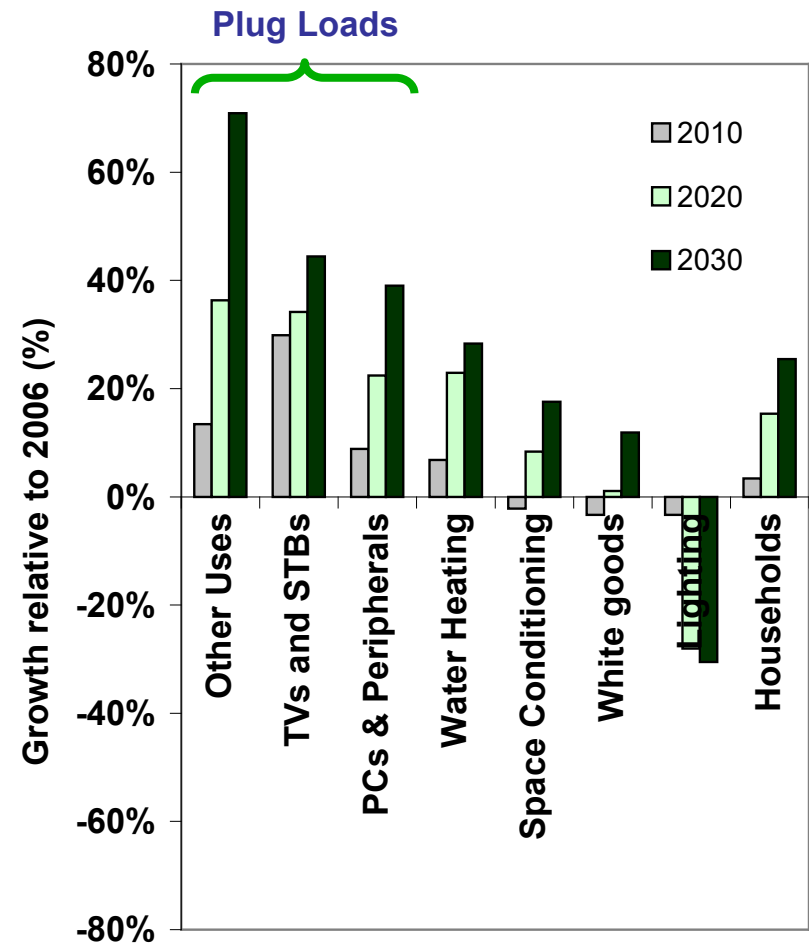


Creating Connections. Powering Innovation. Boosting Efficiency.

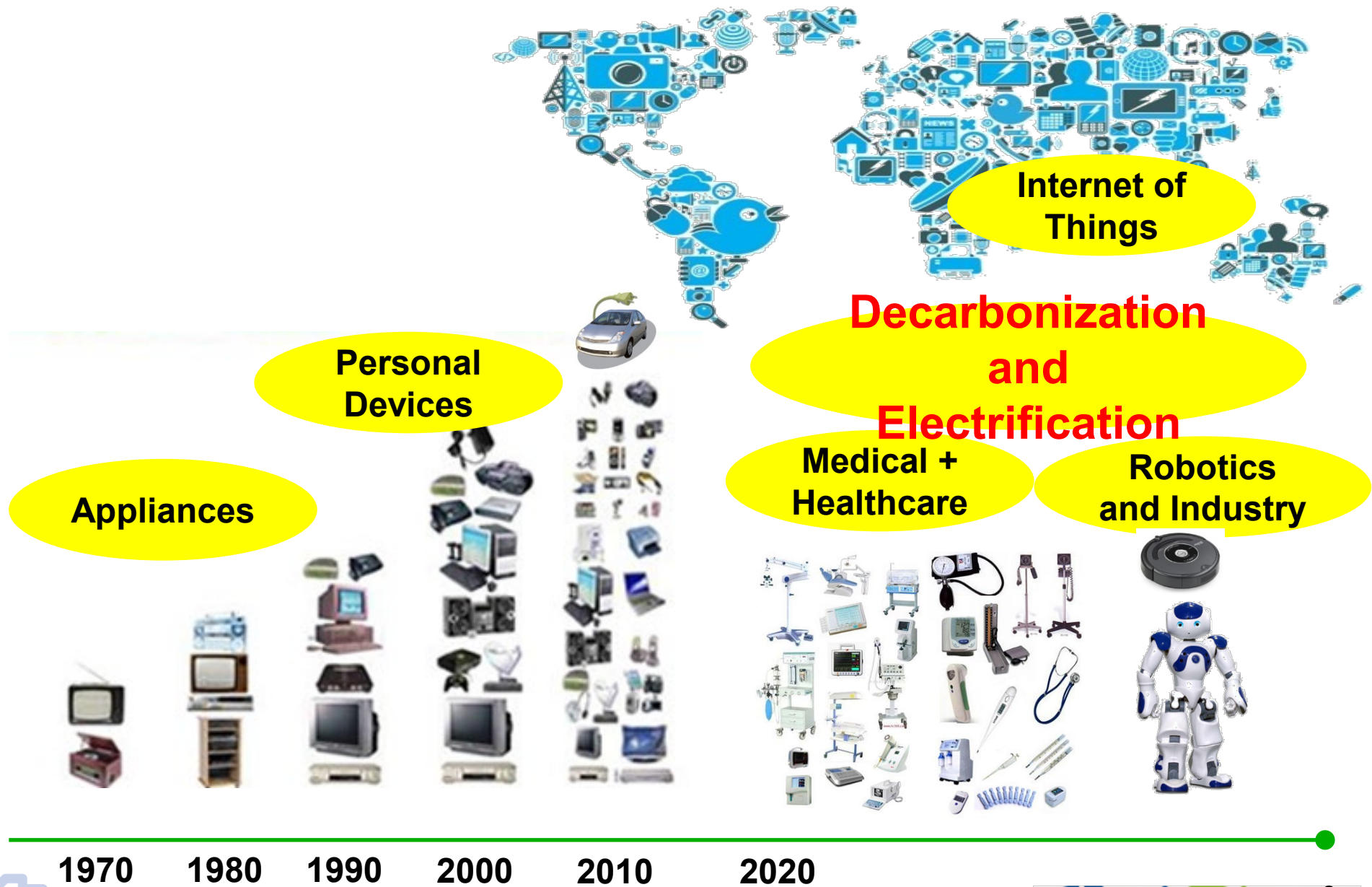


CalPlug Purpose

- Help California and U.S. improve energy efficiency in plug loads
- In the residential and commercial sectors
- Through research (basic and applied), demonstration, and education
- About engineering, incentives, codes and standards, and user behavior



Residential and Commercial Plug Loads Evolution



1970

1980

1990

2000

2010

2020

Creating Connections. Powering Innovation. Boosting Efficiency.

CalPlug Workshop

➤ **Goal:**

To have an open information exchange forum for achieving CA decarbonization goal via energy productivity efficiency and GHG reduction by all means including innovation in hardware and software, codes and standards, incentives and rebates, and user behavior change

➤ **Anticipated outcome:**

To create a smart decarbonization 1.0 working group for strong collaborations among players including research centers, manufacturers, service/content providers, utilities and government agencies

CalPlug Workshop

- **Morning session:** will focus on CA decarbonization roadmap, actions, and opportunities
- **Afternoon sessions** will focus on Smart zero GHG home
- **Afternoon tour of MERITAGE HOMES CITY SQUARE**



Acknowledgements

- **Special Thanks to SCE for supporting the workshop**
- **Speakers, and CalPlug & Calit2 staff and students**

**We welcome
opportunities for
collaboration.
Thank you!**

