

THE MOST PROFOUND  
TECHNOLOGIES ARE THOSE THAT  
DISAPPEAR... THEY WEAVE  
THEMSELVES INTO THE FABRIC OF  
EVERYDAY LIFE UNTIL THEY ARE  
INDISTINGUISHABLE FROM IT

(WEISER, 1991)

Sleep cycle based alarm clock,  
wakes you in light sleep

"Smart alarm lite" for Android

Intelligent diaper  
signals when wet

<http://www.24eight.com/>

Monitor household  
appliances on facebook

# INTERNET OF THINGS IS ALREADY HERE

Follow water  
usage real-time


Smart water meters

Find your keys

Lost key finders

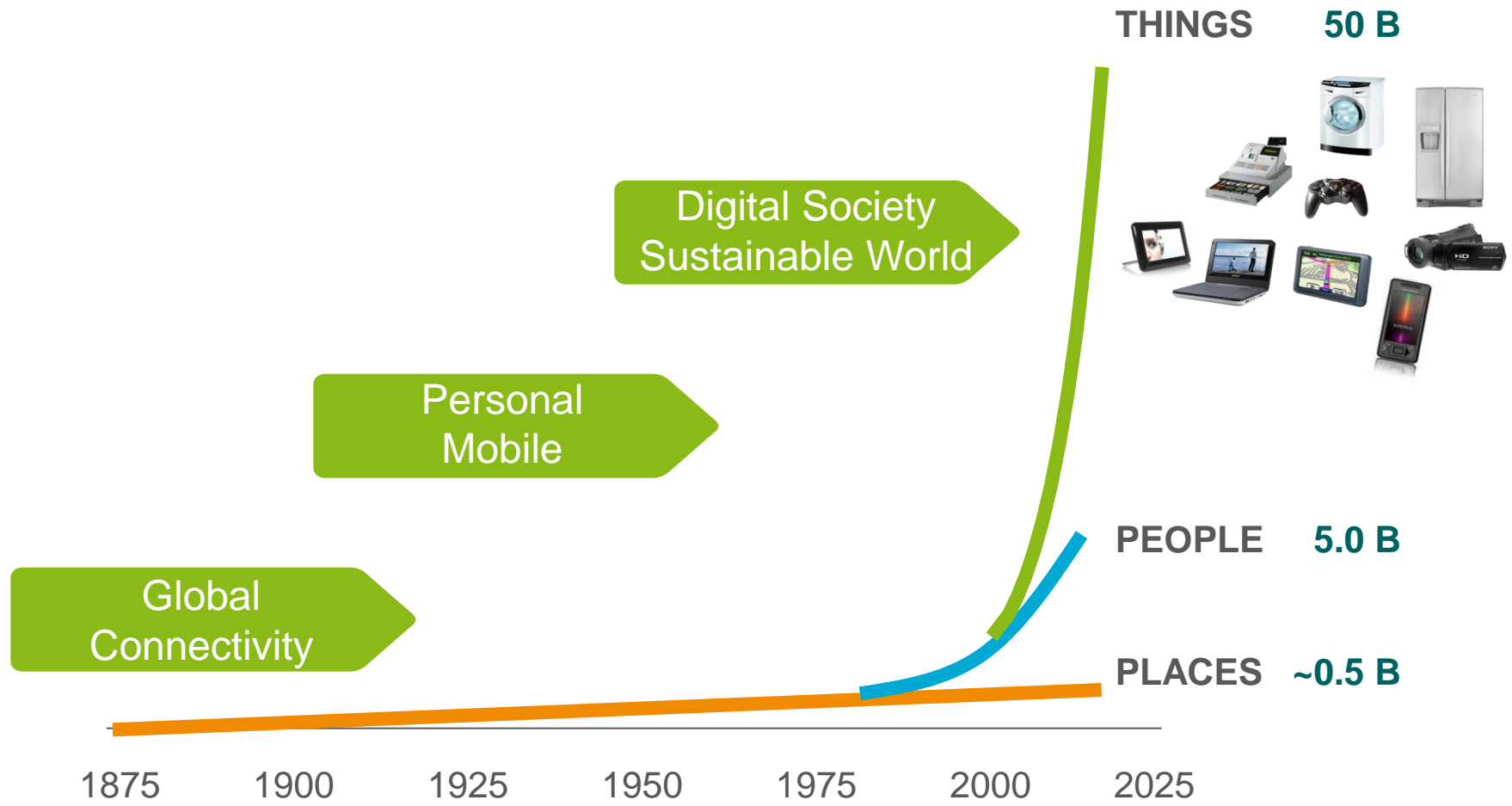
# BY 2020...

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... everything that  
benefits from a  
network connection  
will be connected.

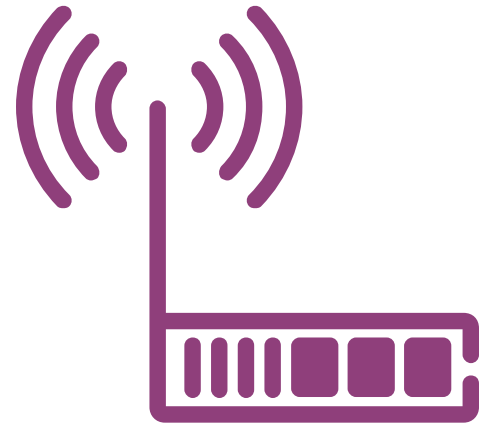
# TOWARDS A NETWORKED SOCIETY



Source: Ericsson

# IOT TECHNOLOGY WE HAVE TODAY

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# SOME IOT CHALLENGES

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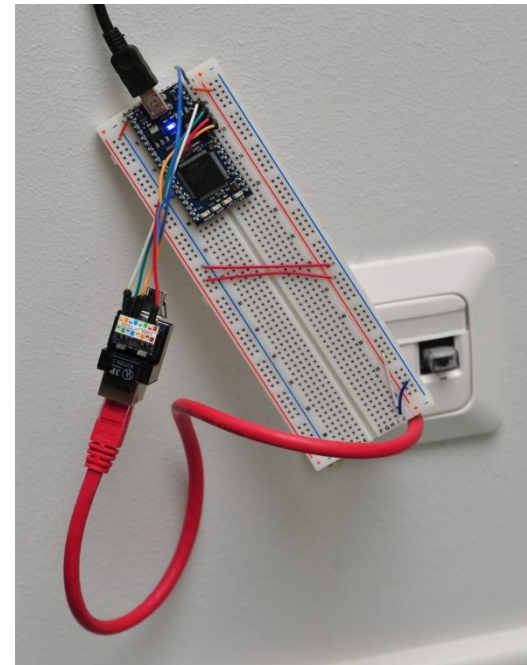
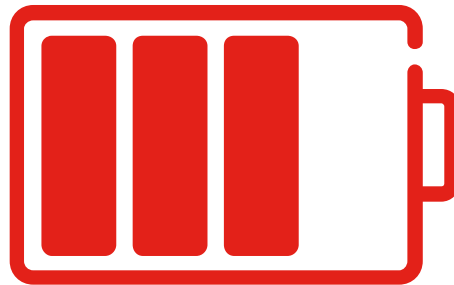
Technology

Usability  
Scalability  
Battery lifetimes  
Security

Business

Ecosystems  
Business models  
Verticals  
Start-ups

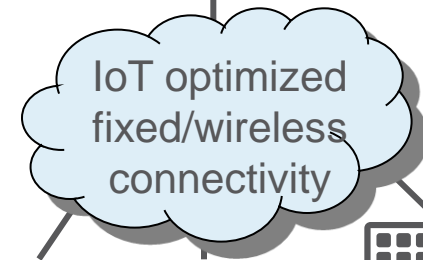
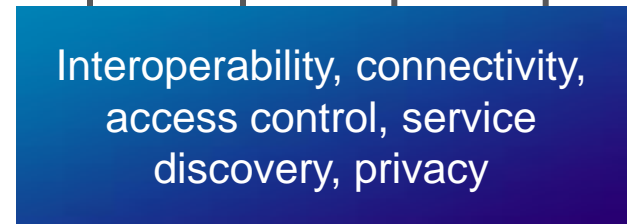
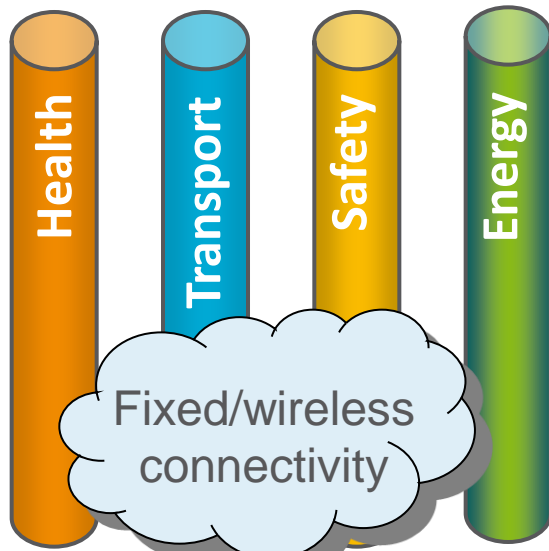
# TECHNOLOGY CHALLENGE EXAMPLE: BATTERY LIFETIMES



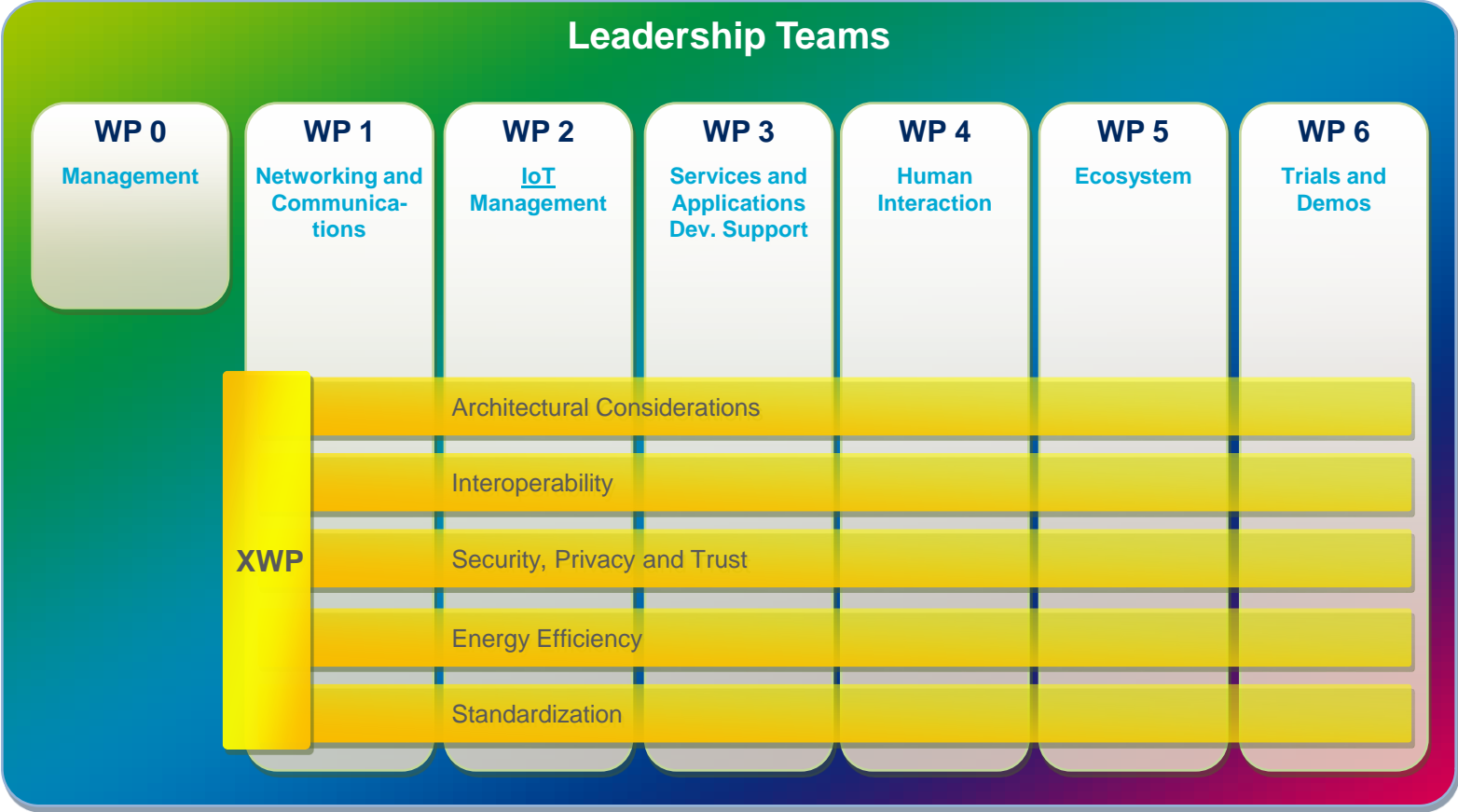
draft-arkko-core-sleepy-sensors

# IOT PROGRAM

*Building the foundations for new horizontal solutions*



# IOT PROGRAM



# CONCLUSION

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*That's one small step for  
Finnish industry, one giant leap  
towards standardized IoT  
solutions worldwide.*

T H A N K  
Y O U



**ERICSSON**