

# Bringing Context to the Internet of Things

*Dr. Emmanuel Frécon*  
*emmanuel@sics.se*  
*+46706431534*

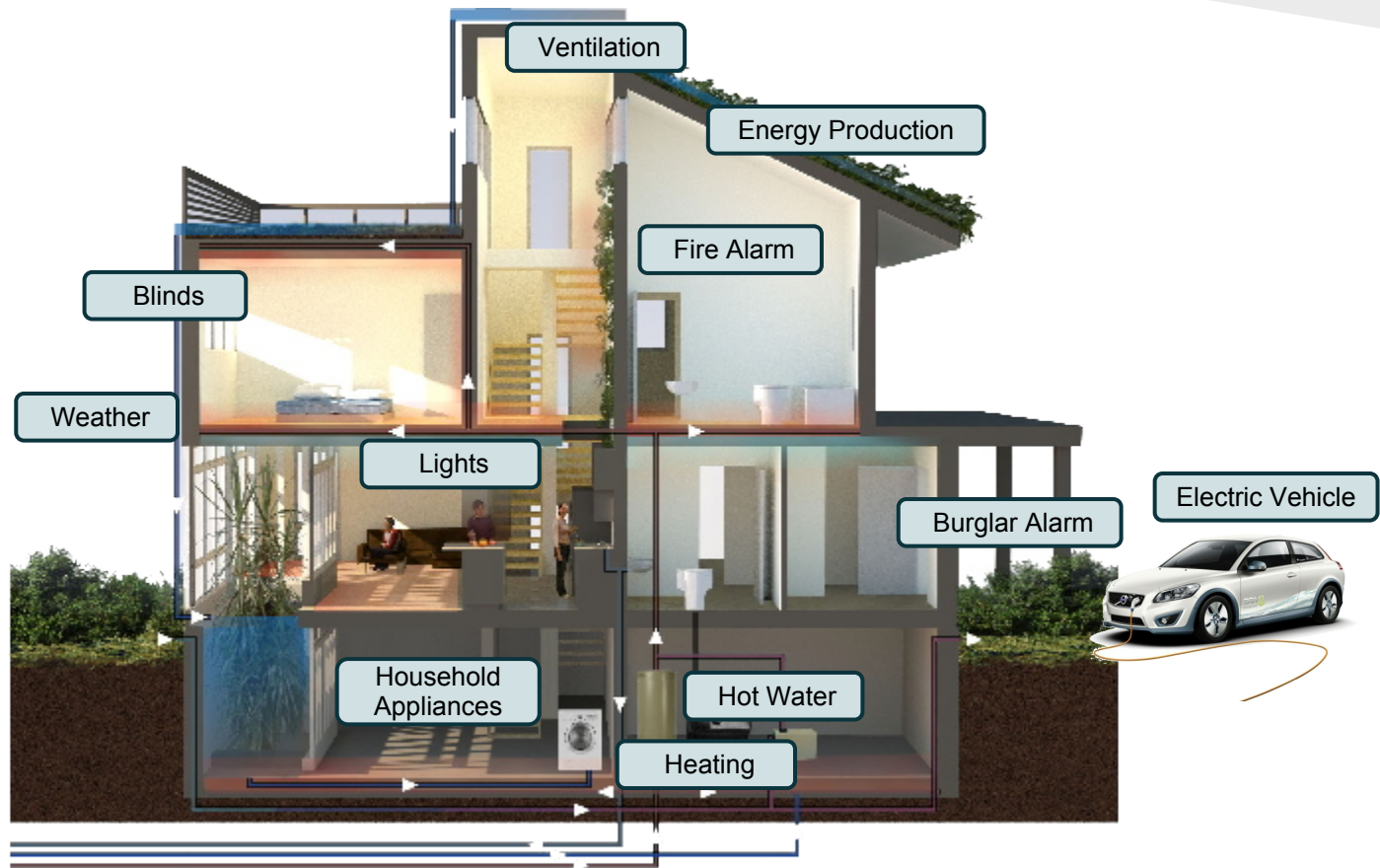
# IoT in (Future) Homes

Weather Predictions

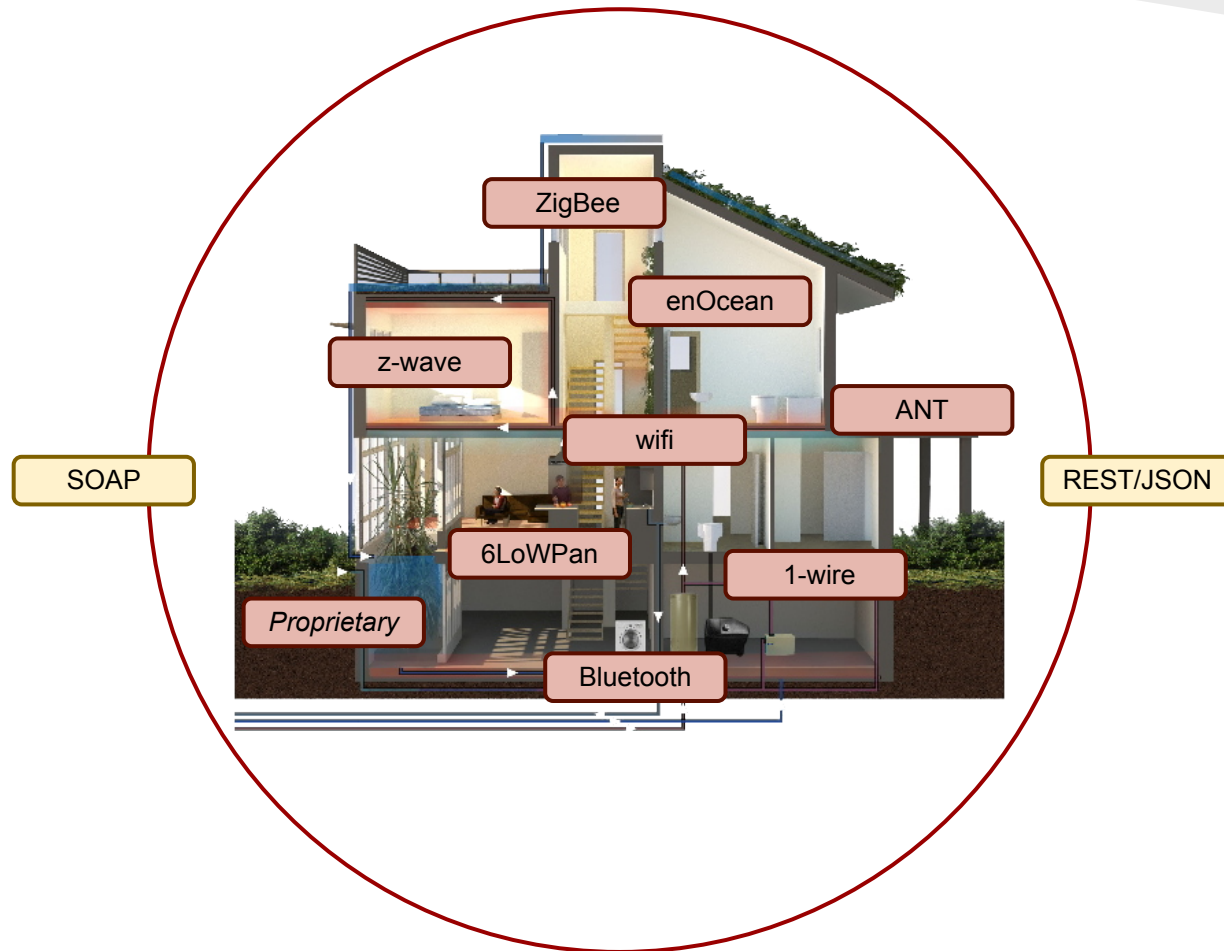
Energy Tariffs

Usage Predictions

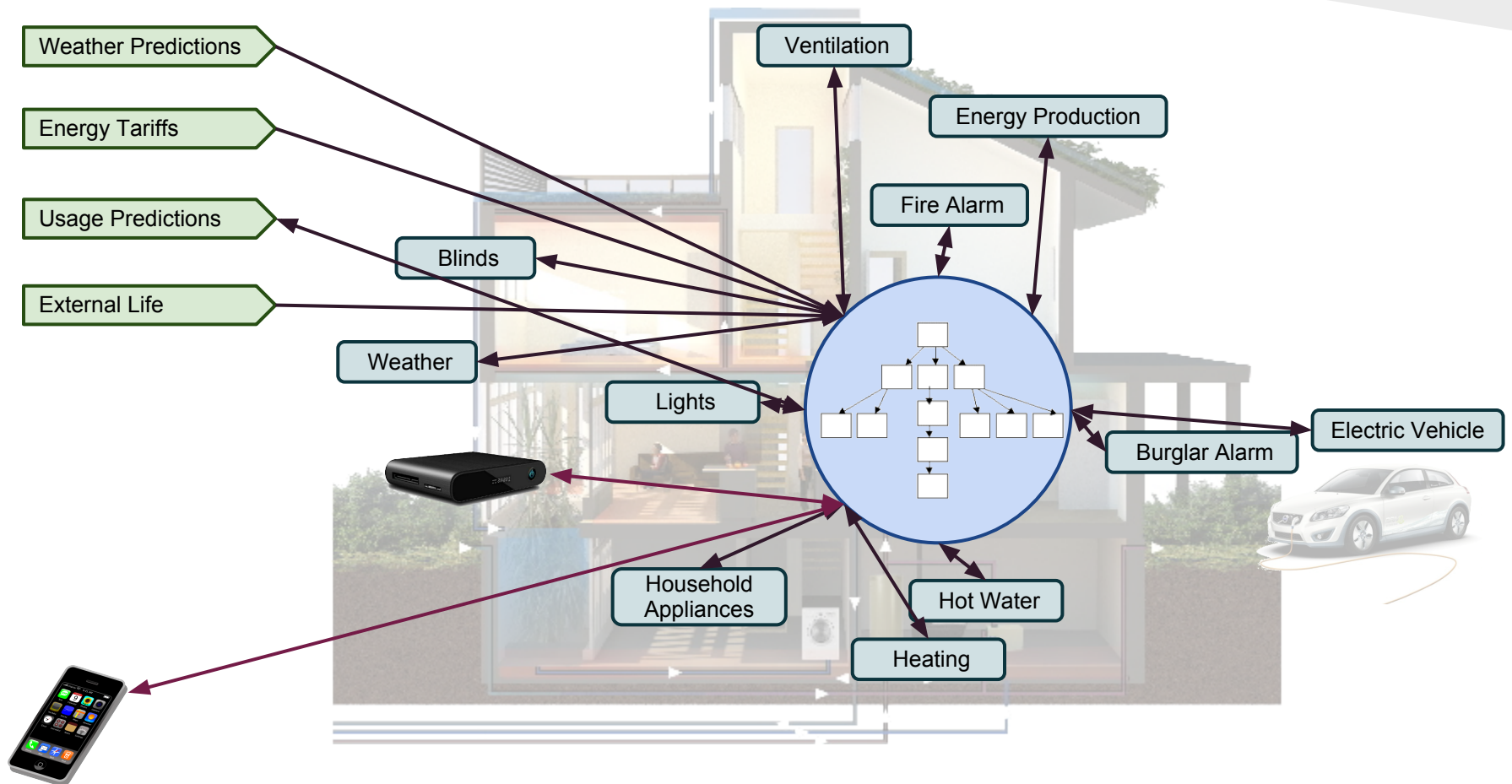
External Life



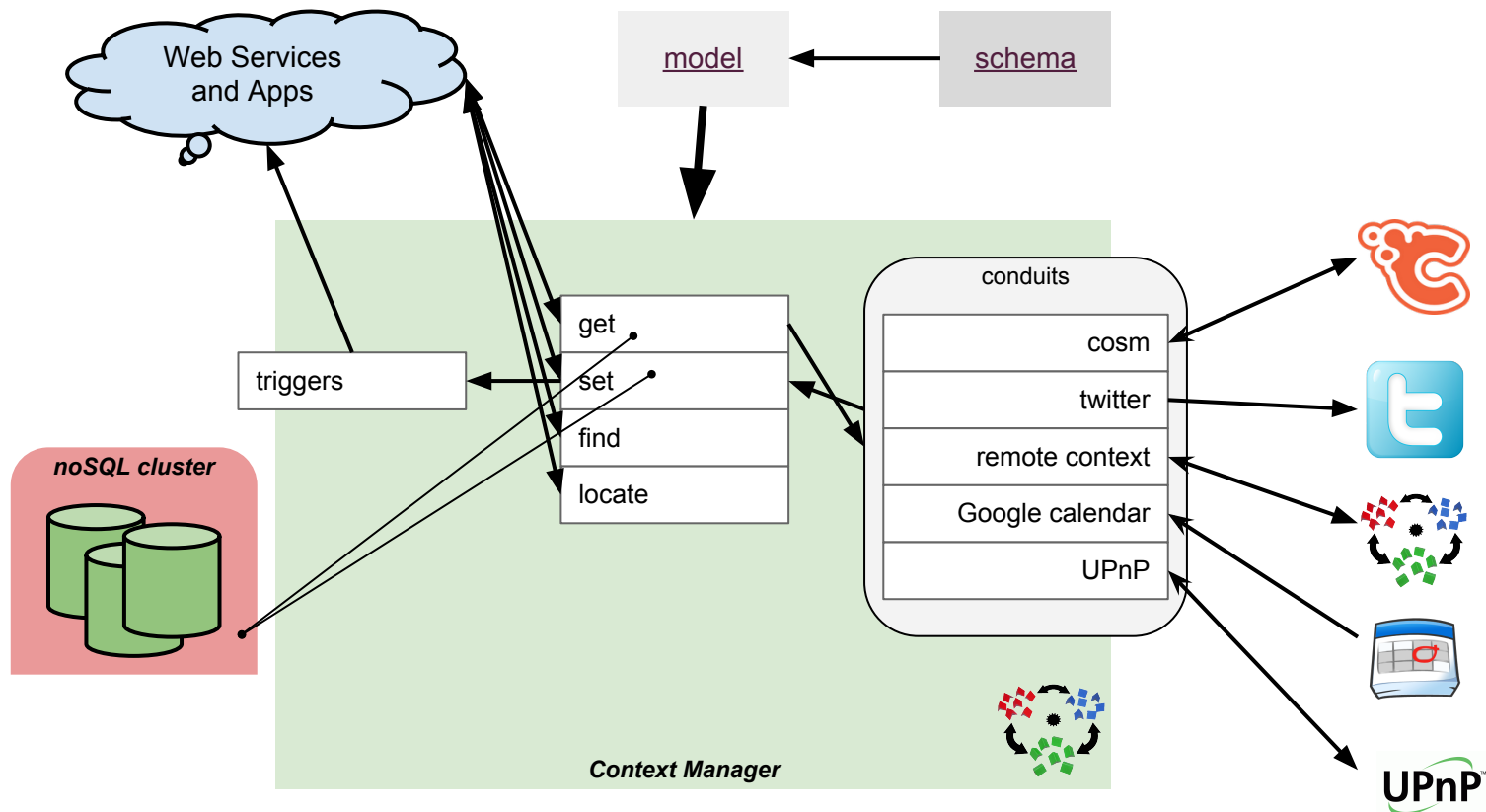
# IoT Communication Tech.



# Goals



# Context Manager

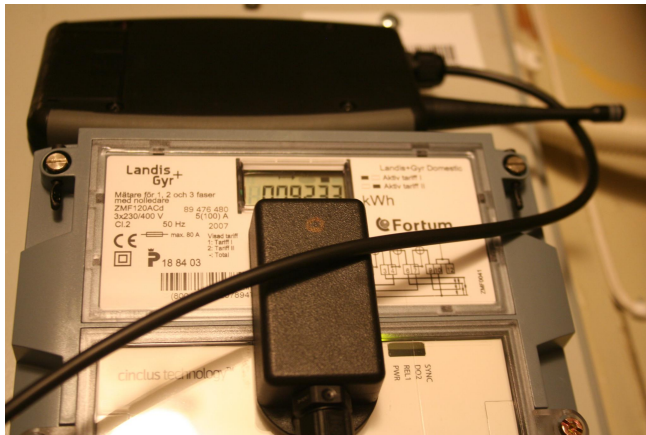


# Heating & (inner) climate





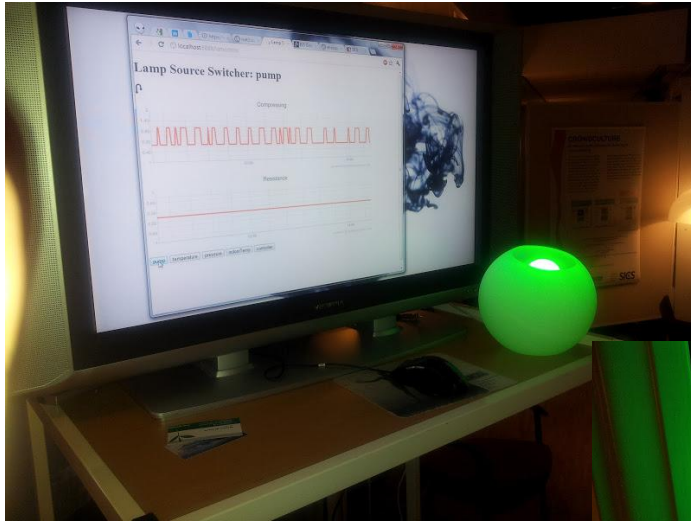
# Electricity & Energy



nordpool  
spot



# Ambient Interfaces





# Paris Demo



# Open Source



<http://code.google.com/p/efr-tools/>

- Embeddable Web Server
  - REST
  - WebSockets
- WebSockets
- UPnP
- Tcl event library
- Web aware application startup framework
- "make" system, incl. binaries
- Templating system
- Tk-style 8.4 object support

# 7.6-8.6=15 yrs of Tcl'ing

