



Open Architectures for Intelligent Solid State Lighting Systems

# OpenAIS Project Approach

**Stefan Verbrugh**  
**Signify**



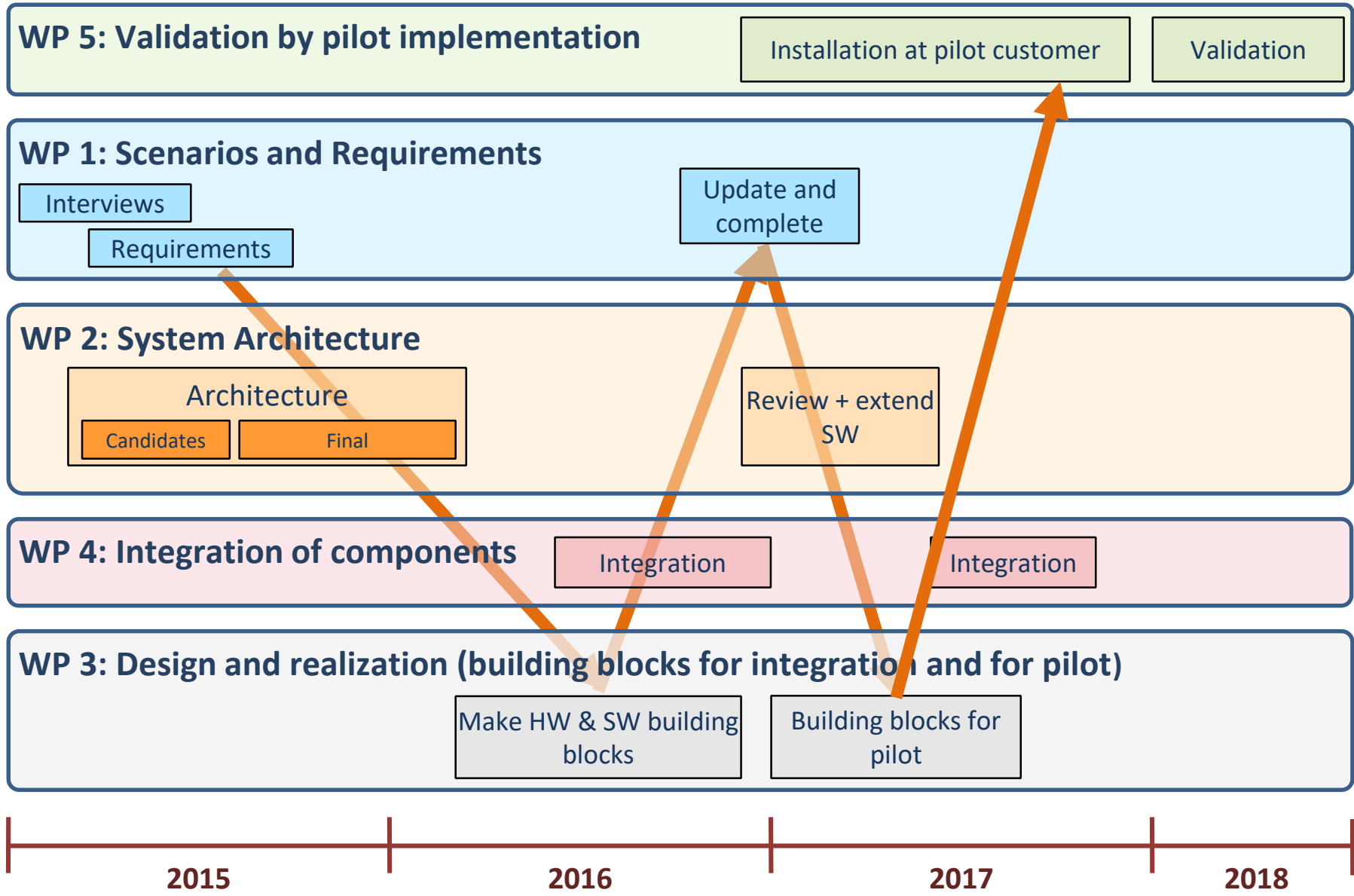
Supported by the Horizon 2020  
funding of the European Union

- Define an All-IP open Lighting system architecture
- Support maintaining the leading position of the European lighting industry in the IoT era
- Align the European industry to adopt this architecture
- Enable eco-system of suppliers of interoperable components
- Create renewed value space for European Industry

- Identify system requirements for the 2020's
- Define the best System Architecture for connected lighting:
  - To meet end user needs of the 2020's
  - Exploiting the **Internet of Things**
- Validate in a **real setting** whether anticipated user needs are met
- Prepare standardization

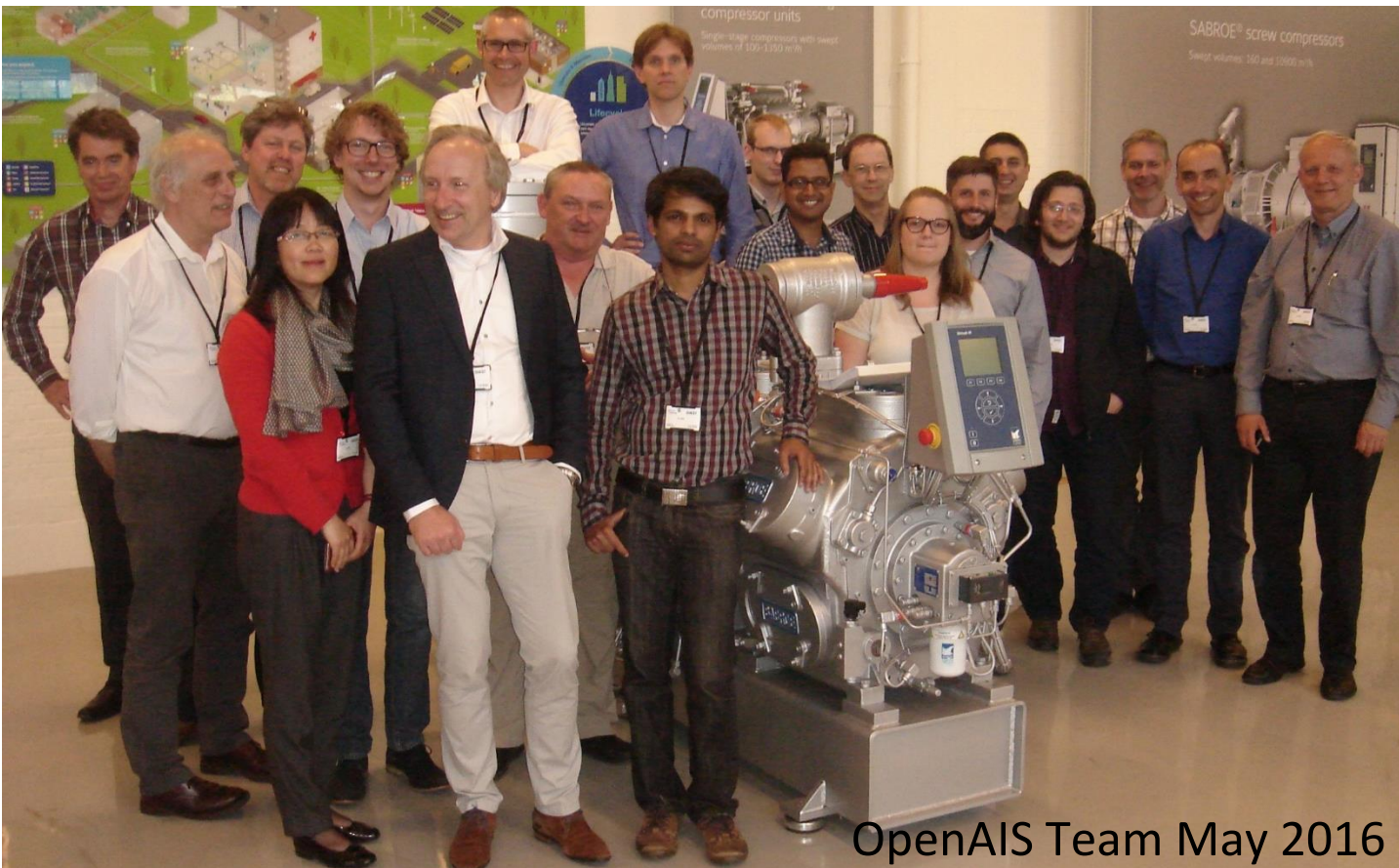


# // Project plan (2)



# // Teamwork

- Team from diverse organisations
- Companies and scientific organisations
- Very good team work!
- Fruitful cooperation between two competing companies



OpenAIS Team May 2016

- Most results are published:
  - Scientific publications
  - EU deliverables
- Some results will be published soon
- Examples:
  - [www.openais.eu](http://www.openais.eu), especially:
    - Results
    - Publications
  - *OpenAIS Integrating Lighting in the Internet of Things*, LED Professional Review #67, Frank van Tuijl and Ben Pronk, May 16
  - *Final Reference architecture of OpenAIS system* (Public OpenAIS deliverable), 13 March 2018

# // OpenAIS promotion video



<https://youtu.be/gR1M4rIbPnU>

# Thank you

[www.openais.eu](http://www.openais.eu)



Open Architectures for  
Intelligent Solid State Lighting Systems



Supported by the Horizon 2020  
funding of the European Union