

inSSlight mission

In-depth support for innovation and exploitation in **Smart Systems Integration (SSI)**: this is what is inSSlight. The new **European Coordination and Support Action**, which started at the beginning of 2017, has the goal to foster successful integration of smart systems in a broader spectrum of products and applications. Major objectives of the inSSlight project are to **secure the position** of SSI as a key enabler for innovation,

support the Smart Systems industry and community in Europe, as represented by EPoSS (European Technology Platform on Smart Systems Integration), support R&I activities in SSI and **open new market opportunities** for SSI by responding to the needs of the demand side. Furthermore the project will unveil and promote new **functionalities and advantages** enabled by the integration of Smart Systems in existing products and processes.

EU funding

The **Coordination and Support Action inSSlight** has received funding from the **European Community's**

programme Horizon 2020 under **GA number: 731665**.



Project in numbers

18
partners

2
years

1.5 m€
budget

7
countries

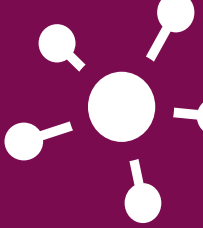
Discover

Find **more informations** about Smart Systems Integration and inSSlight's mission. Stay tuned on the **latest**

news and the **latest events scheduled** of the EU-funded project. Visit the **inSSlight's official website**.

www.inssight.eu

inSSlight project, connecting Smart Systems in Europe



Smart Systems

A Smart System is an **integrated system** with cognitive features which **responds to the needs** of users in a better and smarter way, while reducing costs in its development, industrialisation and use. Complementary to other Key Enabling Technologies such as nanotechnology, photonics, biotech or chemistry, Smart Systems are **increasing their role** as building blocks in sectors with high potential for growth and high return

on investment, such as IoT, Industry 4.0, electric mobility, automated driving, smart medical devices etc. Smart Systems combine **cognitive functions** with **sensing, actuation, data communication and energy management** in an integrated way, through **safe and reliable autonomous operation** under all relevant circumstances. A **knowledge base** separates Smart Systems from systems which are purely reactive.

Integration

Smart Systems oftentimes are **integrated** with the natural, built and social environment, networks for power and data, other smart systems and the human. **Provision and use of cognitive support** to and from its surroundings is a sufficient or extrinsic condition for smartness of a system.

In this way **Smart Systems Integration (SSI)** becomes a set of technologies that **combines functions** into products and systems and that **connects and networks** systems to other systems and, importantly, enables systems to **receive and store a knowledge base**, that makes them Smart.

inSSlight partners

18 European partners from **SSI-related clusters, research institutes** and **industries** join forces in promoting the

adoption of Smart Systems across the EU. The work in the project is organised in **seven thematic work packages**.

VDIVDE (Germany)
VDI/VDE Innovation+Technik GmbH

IKL (Spain)
IK4 - Ikerlan

MINALOGIC (France)
Minalogic Partenaires

BLM (France)
Blumorpho

MESAP (Italy)
Centro Servizi Industrie S.r.l.

DSPV (Belgium)
DSP Valley

FHG (Germany)
Fraunhofer-Gesellschaft

mTSW (Germany)
microTEC Südwest

FDG (Italy)
Fondazione Don Gnocchi

AVL (Austria)
AVL List GmbH

Festo (Germany)
Festo AG & Co. KG

I&M (Italy)
Ideas & Motion S.r.l.

IFAG (Germany)
Infineon Technologies AG

Bosch (Germany)
Robert Bosch GmbH

Roche (Germany)
Roche Diagnostics GmbH

SAG (Germany)
Siemens AG

AEIT (Italy)
Associazione Italiana
Di Elettrotecnica Elettronica
Automazione Informatica
e Telecomunicazioni

KTN (United Kingdom)
Knowledge Transfer
Network Ltd

Work Packages

WP1 Coordination

Management and coordination for the inSSlight project and Work Packages, lead by VDI/VDE.

WP2 Investigate

Analysis of emerging needs of end users and changing requirements for customer acceptance, lead by IKL.

WP3 Strengthen

Support, train and enlarge and **internationalise the SSI ecosystem**, lead by MINALOGIC.

WP4 Lead

Impact durably the wide range of **stakeholders** in and beyond the SSI ecosystem, lead by VDI/VDE.

WP5 Attract

Increase awareness of user communities on benefits and potentials of Smart Systems, lead by BLM.

WP6 Promote

Create a **communication strategy**; define and implement a **marketing strategy**, lead by MESAP.

WP7 Engage MNBS

Plug into each of the activities of the project considering the **specificities of MNBS and Healthcare**, lead by DSPV.