EUROPEAN DIHS IN PRACTICE
SME COLLABORATIONS INVOLVING RTOS, SMES AND LARGE INDUSTRY

DIH Day in Stuttgart, Germany | DOR, Isabelle| May 14th, 2019
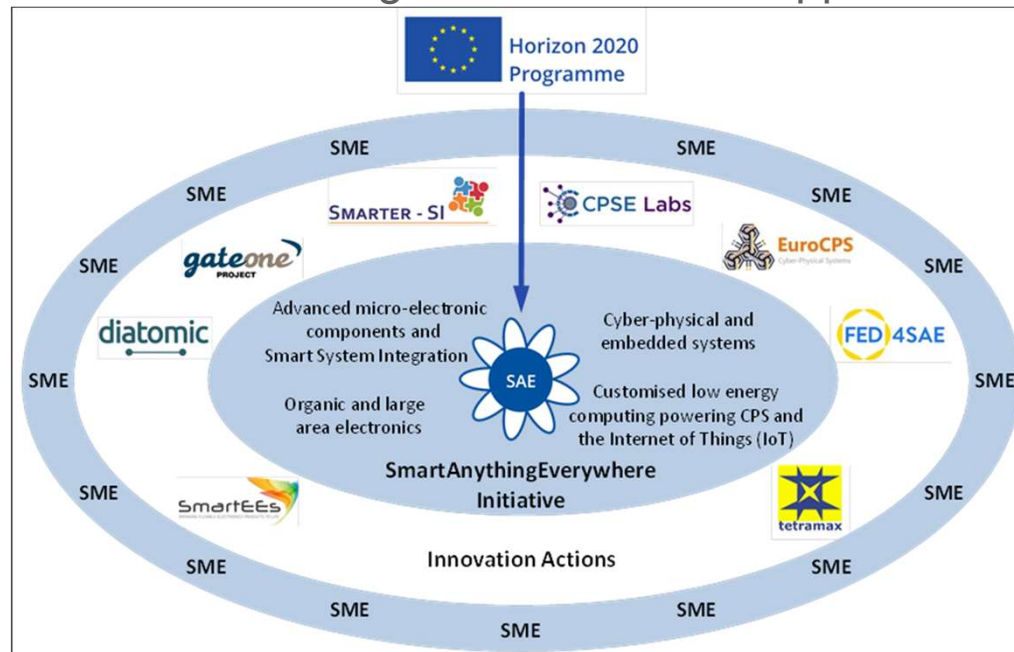
SOMMAIRE

SMART ANYTHING EVERYWHERE INITIATIVE

- To ensure that any industry in Europe, wherever situated and in any sector can fully benefit from digital innovations
- European Initiative to facilitate digital transformation of SMEs and Mid-caps
- Innovation Actions (IA), H2020 instrument focusing on close to market actions&Cascade Funding allows effective support for SMEs
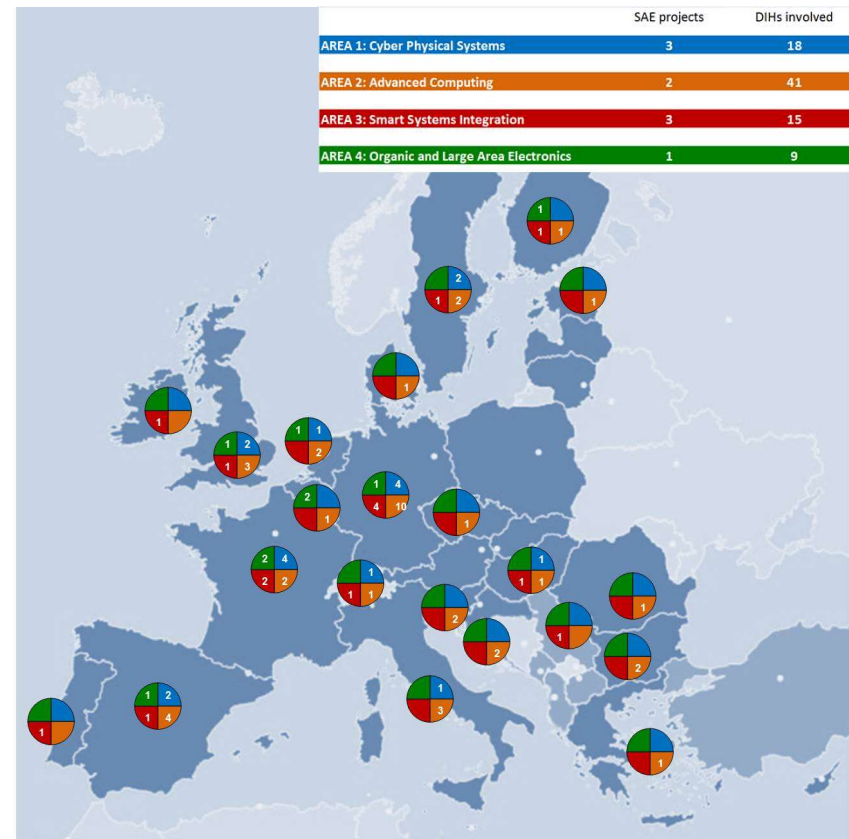
SAE / DIGITAL INNOVATIONS HUBS

- IAs (Hubs as one-stop-shops) to provide companies, in particular SMEs, with access to
  - ✓ Knowledge & network
  - ✓ Resources
  - ✓ Training & best practice examples
  - ✓ Finance & funding opportunities
- In order to enable digital innovation
- Access and adapt existing technologies to specific
- Needs of SMEs, by running smaller projects using cascade funding.

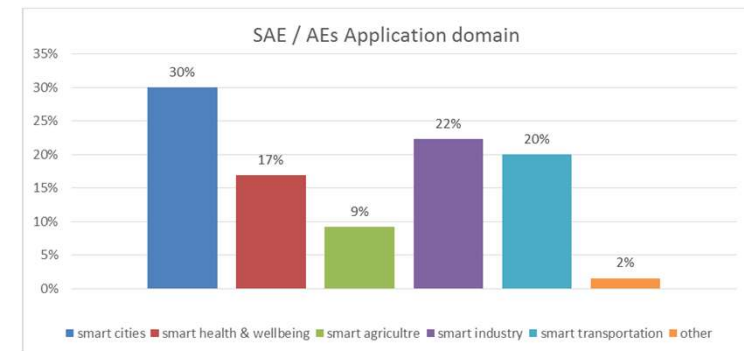|	SAE projects	DIHs involved
AREA 1: Cyber Physical Systems	3	18
AREA 2: Advanced Computing	2	41
AREA 3: Smart Systems Integration	3	15
AREA 4: Organic and Large Area Electronics	1	9

SAE / DIGITAL INNOVATIONS HUBS

SAE / OUTREACH

SmartAnythingEverywhere

- Innovative companies' location
  - 📍 Applicants
  - 📍 Granted projects

- Since 2015, 130 projects selected, inducing collaboration between Innovative companies & RTO / large industry / SME.

- Innovative companies:
  - Start-ups
  - **SMEs**
    - **Micro**
    - **Small**
    - **Medium-size**
  - Mid-caps

Europe

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SAE / AEs Application domain

30% — smart cities
17% — smart health & wellbeing
9% — smart agricultre
22% — smart industry
20% — smart transportation
2% — other

Horizon 2020 Programme

FED4SAE

- 14 partners

- 32 granted projects with **Start-ups/SMEs**/Mid-caps + RTOs + industrials
- 97% cross-border collaboration

GRENOBLE

REAL-TIME 3D SCANNING SYSTEM FOR ACCESSIBILITY DIAGNOSIS OF CITIES FOR WEGOTO LAB-TRACK SOLUTION

Objectives :

To develop an integrated system that will enhance the current complement today WEGOTO Lab-Track solution:

a trolley used to collect data in pathways to later perform accessibility analysis and itinerary planning for people with different profiles and (dis-)abilities in the context of soft-mobility.

https://fed4sae.eu/innovative-projects/ongoing-projects-application-experiments/

SUREWASH HAND HYGIENE GUIDANCE
AND MEASUREMENT SYSTEM OVER THE SINK

Objectives

To develop a SMART SINK that improves hand hygiene in healthcare and food preparation :

- To measure the completeness of hand washing by healthcare and kitchen staff & to warn them if they miss any part of their hands.
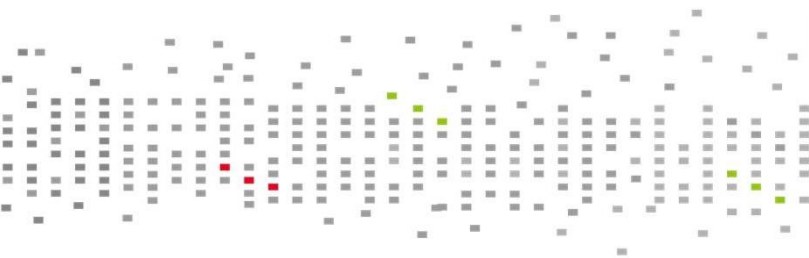- If a part is missed , to provide instructions on how to improve their technique

Here, the goal is to make sure that the alert works for showers that go on too long,

https://fed4sae.eu/innovative-projects/ongoing-projects-application-experiments/

INSTITUT
CARNOT
CEA LETI

PLANCHE DE PICTOS

| DISPOSITIFS MÉDICAUX | INTERNET DES OBJETS | CAPTEURS | IMAGING SENSOR | SERVEURS ET CALCUL INTENSIF | NANO ELECTRONIQUE | COMPOSANTS PHOTONIQUE | ÉNERGIE ÉLECTRONIQUE DE PUISSANCE | SÉCURITÉ | RF |

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