European Initiative
Smart Anything Everywhere

Horizon 2020 Programme

SAE
SmartAnythingEverywhere

Smart Anything Everywhere and Digital Innovation Hubs

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SmartAnythingEverywhere Initiative

Innovation Actions (Hubs as one-stop-shops) to provide companies, in particular SMEs, access to knowledge, resources, training, ..., finance, in order to enable digital innovation

Experiment and adapt existing technologies to specific needs of SMEs, by running smaller projects (Application Experiments), using cascade funding

No technology/industry focus: soft- and hardware!

INNOVATION PORTAL – CENTRAL CONTACT POINT – SERVICE CENTRE – MARKET PLACE

in order to

- share **Best Practice** and **Experience**
- facilitate **Brokerage**
- coordinate **Communication & Dissemination**
- leverage **Investment** and stimulate **Growth**
- identify new **Technologies**
- link to other **Digitisation Initiatives**

www.smart4europe.eu

Areas / Projects / DIHs in SAE

Cyber-Physical Systems	EuroCPS, CPSE Labs, FED4SAE	36 hubs (15+8+13)
Smart Systems Integration	Smarter-SI, Gateone, DIATOMIC	25 hubs (7+9+9)
Advanced Computing	TETRACOM, TETRAMAX	46 hubs (34+12)
Organic and large area electronics	COLAE, SMARTEES	30 hubs (20+10)

More info on: www.smartanythingeverywhere.eu

Upcoming Open Calls – Cascade Funding

Area	Project		2017	2018	2019	2020
Cyber-physical and embedded systems	fed4SAE		Nov.	May Nov.		
Customised low energy computing powering CPS and IoT	tetramax	Bilateral	Nov.	Oct.	Sept.	Apr.
		Value chain / interdisciplinary		Feb. Dec.	Oct.	Apr.
		Entrepreneurial		Aug.	Aug.	Aug.
Advanced micro-electronic components and Smart System Integration	diatomic			Mar. Sept.		
Organic and large area electronics	SmartEEs			Mar. Jul. Nov.	Apr. Sept.	

CPSE Labs   EuroCPS Cyber-Physical Systems   gateone PROJECT   SMARTER - SI

Upcoming Open Calls – Cascade Funding

Area	Project		2017	2018		2019	2020
Cyber-physical and embedded systems	fed4SAE			**Deadline March 20, 2018**			
Customised low energy computing powering CPS and IoT	tetramax	▪ Bilateral		**Deadline February 28, 2018**		Sept.	Apr.
		▪ Value chain / interdisciplinary		Feb.	Dec.	Oct.	Apr.
		• Entrepreneurial		Aug.		Aug.	Aug.
Advanced micro-electronic components and Smart System Integration	diatomic			Mar. Sept.			
Organic and large area electronics	SmartEEs			**Deadline March 19, 2018**			
				Jul. Nov.		Apr. Sept.	

CPSE Labs   EuroCPS Cyber-Physical Systems   gateone PROJECT   SMARTER - SI

Lessons learnt on how to attract SMEs

IAs are a very effective instrument

Cascade Funding is very SME-friendly

Regional multipliers (clusters, chambers of commerce, …) to attract SMEs

Show rooms / success stories were important

Hubs are linked on European level and therefore can provide transnational links to SMEs
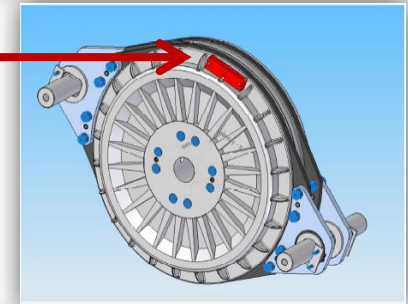
Success Story „Clutsen"

Clutch-brakes transfer motion from a motor flywheel
Currently wear checks create significant downtime cost

Smart sensor system allows predictive maintenance:
inductive distance transducer, thermocouple
temperature sensor, kinetic energy harvester, low energy
electronics for data processing and wireless transmission

Goizper plans for 1.500 – 2.000 units per year
Added functionality expected to increase revenues by 1
M€ over the next 5 years

End user: Goizper (SME, ES)
Technology providers: IK4-Ikerlan (RTO, ES), Hahn-Schickard (RTO, DE)

www.smarter-si.eu

Thank you for your attention!

„Smart 4 Europe" CSA team

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