SMART4ALL

Deadline: 30th September 2020

SMART4ALL is a funding programm that fosters transfer knowledge and technology between academia and industry. It targets **Customised Low-Energy Computing (CLEC)** for **Cyber Physical Systems (CPS)** and the **Internet of Things (IoT)**. The funded technology has to be applied in a product or solution dealing with one of the competence fields mentioned in the chart below.

- Application experiments (projects) can be funded with up to 80,000 €
- The application process consumes little time. In order to successfully fill in the application form you will probably need 1-2 days of writing

SMART4ALL IS OPEN TO PROPOSALS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING FIELDS:

DIGITIZED TRANSPORT	DIGITIZED ENVIRONMENT	DIGITIZED AGRICULTURE	DIGITIZED ANYTHING

• Green transport
• Smart mobility
• Shared mobility
• Robotics
• New platforms for efficient supply-demand matchmaking
• Automotive electronics
• Autonomous vehicles
• Connected vehicles
• Streamlining transport using big data
• Aeronautics and space applications
• Transport and Logistics
• City Transport Mapping
	• Smartbuilding
	  · Smarthome
	  · Critical infrastructure monitoring
	  · Smart hospitals
	• Water pollution monitoring
	• Smartgrids
	  · Energy management
	• Environment monitoring
	  · Rural areas -> Monitoring attractions such as lakes and rivers (both water and wet area).
	  · Urban areas -> indoor and outdoor pollution and noise monitoring.
	• Bio-diversity
	  · Wild/migratory animals monitoring
	• Smart industry
	• Data processing &
		• Smart farming
		• AI inspired agriculture
		• Information based site specific applications
		• Demand driven, sustainable agriculture
		• Mobile plant, soil and environment sensors
		• Sensor networks – EU wide – cross-border
		• Field robotics and automation systems
		• UAV based agriculture and plant monitoring
		• Selective plant protection
		• Closed nutrient cycles
		• Agricultural decision support systems
		• Zero-energy food systems
		• Circular economy
		• Water, Energy and Food (WEF) efficiency
			• Human-machine Interaction
			• Digital Education
			• Industrial Automation
			• Machine Learning
			• Market Intelligence
			• Medical and Health Applications
			• Active & Healthy Ageing
			• Support for disabled persons
			• Cybersecurity
			• Data Mining and Big Data
			• Personal security
			• Additive Manufacturing (3D printing)
			• Augmented and Virtual Reality
			• Audio/Video Processing
			• Location-based Technologies

SMART4ALL COMPETENCE FIELDS

Source: Smart4All Guideline

Eligible are:

- Companies below 500 employees and a turnover below €100M
- Universities and other Academic Institutions

Focused Technology Transfer Experiments (FTTEs)

Within this type of experiments, one party transfers to the receiving partner a specific hardware or software technology in order to enable improved product or processes.

- Expected duration: short-term (up to 9 months)
- Scheme: Two different entities from two different EU Countries: one Academic and one Industrial or two industrials.
- Budget: **up to 80,000€** to cover staff, travel and equipment
- Submission Deadlines **on 30th September 2020**, August 2021 and August 2022

Please ask us for more detailed information regarding the SMART4ALL funding program.

Your local contact point?

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