**Partner Search Form
Horizon 2020
Health, demographic change and
wellbeing**

HNN 2.0
HEALTH-NCP-NET

Date 2020   05   29   Deadline …   …

CONTACT

Organisation	Scortex	**Department**	
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Country	France		

Organisation type

Research organisation type	☐ Research Organisation ☐ University x Company ☐ Other	**Is your company a Small and Medium Sized Enterprise (SME*)?** **Number of employees:**	x YES ☐ NO 34

Your enterprise is an SME if:
- it is engaged in **economic activity**
- it has **less than 250 employees**
- it has either an **annual turnover not exceeding €50M**, **or an balance sheet total not exceeding €43M**
- it is **autonomous**
For the definition of SMEs, look at:
http://ec.europa.eu/growth/smes/business-friendly-environment/sme-definition_en

Short introduction of key areas of institute's research:
Scortex is a quality company whose role is to automate visual inspection in the factories.
To do so, it uses computer vision and most specifically deep learning. Hence a lot of Scortex research is on the machine/deep learning side with subjects such as active learning, unsupervised learning, anomaly detection, ...

Former participation in an FP European project?	x YES ☐ NO
Project title / Acronym:	COGNITWIN
Activities performed:	In COGNITWIN, Scortex is responsible for speeding up deep learning inference. It does it in two ways. First, on the hardware side, by creating an FPGA platform for efficient compute. Second, on the software side by working on having the fastest network inference possible.

Expertise / Commitment offered

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Description of your expertise:	Scortex expertise is to be able to deploy its visual inspection system in factories. That is: design the vision system, train deep learning models, deploy them in the factory so that defects can be detected in real time.
Keywords specifying your expertise:	computer vision, deep learning, machine learning, quality inspection, manufacturing

Commitment offered:

☐ Research   x Demonstration   ☐ Training

x Technology   ☐ Dissemination   x Other: deployment

Interested in participation in project types:

x Research & Innovation Action	X Innovation Action	X SME Instrument

Work Programme research areas: indicate your interest

Scortex is looking for partners who would want to demonstrate automated production lines. Scortex would help automating the visual inspection of manufactured goods.
Scortex is primarily looking for application partners, willing to try automation technologies in their factories.

Call topic(s):

We are particularly interested in automation topics. Typically in H2020-SC1-PHE-CORONAVIRUS-2020-2:

Automation technologies that are less dependent on work force present in factories, certification/calibration/accreditation of production lines that have been repurposed or restarted after a shutdown

That is, the topics 2A and 2B.

Do you have other partners for this topic (which partners/country)?	Not currently

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Profile of partner sought: Scortex is primarily looking for application partners, willing to try automation technologies in their factories. But Scortex is also looking for technological (robotics, predictive maintenance, IOT) and integration partners.

Role	x technology development	☐ research	☐ training
	☐ dissemination	x demonstration	x other: application partner
Country /region	☐ Any		
Expertise required			

I agree with the publication of this document and my contact data: x YES ☐ NO