

Partner Offer

Date of Submission: 11.09.2025

We are... ☒ offering ourselves as partners ☐ looking for a partner to join our consortium

Horizon Europe Call Topic

(Title or topic ID)

HORIZON-CL4-2025-04-DIGITAL-EMERGING-01 or HORIZON-CL3-2025-02-CS-ECCC-02 or any other topic, which somehow deals with extremely high integrated and thus extremely small multi-sensors, ultra-low energy sensors, highly secure sensors, AI processing directly on the sensor or general AI@Edge (even w/o sensors).

Description of your expertise / the expertise you are looking for

(up to 1000 characters)

We are offering a very powerful but as well low power SoC for AI@Edge processing, which provides 9 RISC-V processors, is AI/ML capable/optimized, has Ethernet TSN and CAN support built-in, allows to implement a very sophisticated security concept to make it cyber crime proof, and comes with numerous interfaces to connect to any kind of sensors, actors or additional communication interfaces. This SoC can be adapted from us to special application demands.

Based on that we are offering very tiny multi-sensors, measuring movement (9-axis), plus high frequency vibrations, environmental conditions (temp, pressure, humidity, light, sound) and air quality (CO2, VOC, AIQ) – in sum over 20 measurands with the capability to process these with simple pre-/postprocessing up to complex AI/ML algorithms directly in the sensor.

By that we can offer to measure in even the smallest areas all kind of conditions, to process these in real time and communicate the results or even drive certain actions. And this with a highest level of security build-in. Sensry has full control over this platform and can adapt this in anyway a project will need: Other/more or less sensors, other communication technology, extra pre-/postprocessing, different system shapes, stripped down versions, etc. etc.

Keywords describing your expertise / the expertise you are looking for

(up to 10 key words)

IoT, IIoT, Edge SoC, sensor, multi-sensor, AI/ML, AI@Edge, customization, low-power, RISC-V, security, Bluetooth Low Energy, Wi-Fi, Ethernet TSN, CAN, crypto

Organisation information

Your organisation:
Sensry GmbH, located in Dresden, Germany

Type of organisation:

☐ Industry (Large)

☒ Industry (SME)

☐ University or College

☐ Research Institute

☐ Public Body

☐ Other, please specify: Klicken oder tippen Sie hier, um Text einzugeben.

Previous participation in an EU project?

☒ No

☐ Yes, please specify: Klicken oder tippen Sie hier, um Text einzugeben.

Web page: https://sensry.net
Description of your organisation or the consortium for which you need a partner: Sensry is a 7 year old company, founded 2018 in Dresden. It's activities are around IoT/IIoT and multi sensors mostly for industrial use cases, like condition monitoring or predictive maintenance, but also in environmental sensing, agriculture, avionic, medical, building automation etc. Sensry is offering a few standard multi-sensor products, but most times support it's customers in adapting these to their specific demands, by e. g. adding special sensor types, special communication interfaces/protocols or by providing certain pre-/post processing capabilities. Sensrys platforms are targeted to fullfill customer needs more than 80% out of the box, with the remaining 20% easy to be added/customized.

Contact details

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Declaration

- ☒ I herewith declare that I am responsible for the content provided and that I expressly consent for this information to be published on the NCP DIT website
<https://www.nks-dit.de/service/kooperationsprofile>.

*(Please note that a publication of your data will **not** be possible if this box is not ticked.)*

- ☒ I agree that the filled-in template should be sent via e-mail to NCP offices in other countries so that they may circulate my offer among their national stakeholders.

Instructions

- Fill in the form if you are
 - looking to join a consortium for a call in Horizon Europe Cluster 4 or one of the associated Joint Undertakings and would like to offer your organisation's expertise
OR
 - looking for a partner with specific expertise to join your consortium for a call in Horizon Europe Cluster 4 or one of the associated Joint Undertakings.
- Check any or all of the boxes under "Declaration" so that we know how you would like us to distribute your offer.
- E-mail the filled-in template to nks-dit@dlr.de and/or nks-dit@fz-juelich.de to have it published on our website and/or distributed to our NCP colleagues in other countries.