OPEN CALL – GUIDE FOR REVIEWERS

Call Information

Identifier	:	EARASHI-open call
Project full name	:	Embodied AI/Robotics Applications for a Safe, Human, Industry
Acronym	:	EARASHI
Grant Agreement N°	:	101069994

Evaluating proposals in the competitive EARASHI open call
for Application Experiments (AE)

This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement nº 101069994.

The dissemination of results herein reflects only the author's view, and the European Commission is not responsible for any use that may be made of the information it contains.

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LIST OF ACRONYMS

Acronym	Extended nomenclature
AE	Application Experiment
BB	Building Block
CF	Cascade Funding
FSTP	Financial Support to Third Party
IPR	Intellectual Property Rights
OC2	Open Call 2
SOM	Size of Market
UVP	Unique Value Proposition

SHORT DESCRIPTION

The Guide for Reviewers contains basic information needed to guide you in reviewing proposals in context of EARASHI Open Call.

1 GENERAL INFORMATION

The **Guide for Reviewers** contains basic information needed to guide you in reviewing a proposal in the EARASHI Open Call.

Evaluators will be compensated at a daily rate of 500 € for a 1 to 4 day review of all submitted proposals in the call. The exact duration of the review will depend on the number of proposals to be reviewed, which will be determined and will have to be agreed upon by all involved parties before the review can start. The review is expected to be completed in approximately 4 weeks. Nevertheless, the exact delivery date for the reviewers to submit their final assessment on the assigned proposals will be agreed upon between the individual reviewer and the EARASHI coordinator.

All external evaluators will have to sign a non-disclosure agreement with the EARASHI coordinator (Annex 3) and confirm that, to the best of their knowledge, they have no direct or indirect conflict of interest[1] in the evaluation of the proposal.

2 CONTEXT & BACKGROUND

2.1 EARASHI project overview

EARASHI, **E**mbodied **AI**/**R**obotics **A**pplications for a **S**afe, **H**uman-oriented **I**ndustry, aims at **improving working conditions, trust, and acceptance of collaborative embodied AI in robotic systems**, for the production machines/tools sector. His outcomes are expected to help employees in their daily activities and **improve their working conditions**, leading to a productivity increase. A **worker-centric approach** by considering workforce well-being and health (e.g., MSD and stress), design thinking methodology of production machines, worker acceptance, and ethics.

EARASHI consortium brings together

[1] According to the details given on conflict of interests within the EARASHI CONFIDENTIALITY AND CONFLICT OF INTEREST DECLARATION (Annex 3)

- CEA, France
- Flanders Make, Belgium
- AMS Belgium, Belgium
- Mondragon, Spain
- INEGI, Portugal
- Ikerlan S Coop, Spain
- Minalogic Auvergne-Rhône-Alpes, France
- ST Microelectronics, France
- CECIMO, Belgium
- Blumorpho, France
- Steinbeis Innovation, Germany
- Aldakin, Spain

The R&D demonstration projects targeting EARASHI challenges are expected to reach Technology Readiness Level (TRL) 7 starting form TRL 4-5, following a competitive based approach.

The demonstration projects will target EARASHI challenges (complete list of challenges available at https://earashi.eu/open-calls/), and respecting EARASHI scope, e.g.:

- Support the industry in the uptake of advanced digital eco-responsible technologies (in particular AI, Data and Robotics)
- Support workers in their daily activities and improve their working conditions (safety, health and well-being) leading to a productivity increase
- Adopt a worker-centric approach by considering worker well-being and health at work (e.g., MSD and stress), design thinking methodology of production machines, worker acceptance and Ethics.

The granted projects are expected to have impact on:

- Decrease of the number of workers that perceive stress at work / the number of accidents ate work / number of workers already suffering from MSD
- Increase of the number of ROS-users
- Improvement of trust in AI, Data and Robotics (implementation of ADR in manufacturing)
- Machine retrofit and refurbishment
- Deployment of eco-design approach
- Standardized, easy, non-hazardous dismantling processes shortened in time and costs.

Pan-European demonstration projects (EU member states or Horizon Europe associated countries) are strongly encouraged, through the cross-border collaboration:

- With EARASHI partners providing the technical building blocks and expertise
- Through the companies building up the proposal

The granted projects products are expected to have market potential and reach commercialization as project's outcome.

2.2 EARASHI open call for Application Experiments

All proposals to be reviewed were submitted for the EARASHI open call for AEs on EARASHI page (https://earashi.eu/open-calls/) with the call text in Annex 1 and also all the useful documents and links available on the EARASHI open call page.

The key elements of the call are summarized in **Erreur ! Source du renvoi introuvable.**

Table 1: EARASHI open call #1 key characteristics

EARASHI offers	• Access to EARASHI ecosystem in the domain of AI, data and Robotics • Up to 200 k€ of funding – representing 100% or 70% of the budget depending on the company status, start-up or SME. • Product support aimed at bringing innovation to target market • Access to technical building blocks, expertise and support provided by EARASHI consortium (Building block catalogue) • Innovation management support • Coaching service fostering the deployment of human-centric/eco-design approach, cybersecurity awareness, access to validation facilities and industrial mentoring.
EARASHI targets	Startups and SMEs (according to EC definition), as specified in the Guide for Applicants
EARASHI requirements	• To specifically target and provide answer to one of the **10 challenges** identified for the open call • To select one of the building blocks from the **building blocks catalogue** • **AE duration requirement**: AE is expected to run between 15 and 18 months and must be completed by February 28, 2026 (end of EARASHI project) • **Transversal criteria** such "Sustainability and circular economy (eco-design, refitting, refurbishing, recycling, etc.)", "Environment and low carbon economy contribution (real and measurable impact)", "Equal opportunities, gender balance and diversity", "Social impact" shall also be considered by the evaluators when scoring the applications. • **EARASHI open call scope** *EARASHI overall "umbrella" is to support the uptake of advanced digital eco-responsible technologies in order to support Industry workers in their daily activities and improve their working conditions (safety, health and well-being) leading to a productivity increase.* R&D demonstration projects targeting EARASHI challenges, developed to reach TRL 7 starting from TRL 4-5, responding to one of *EARASHI 6 challenges*, and addressing *EARASHI overall scope*: – **Support the industry** in the uptake of advanced digital eco-responsible technologies (in particular AI, Data and Robotics) – **Support workers in their daily activities and improve their working conditions** (safety, health and well-being) leading to a productivity increase – **Adopt a worker-centric approach** by considering worker well-being and health at work (e.g., MSD and stress), design thinking methodology of production machines, worker acceptance and Ethics The granted projects are expected *to have* **impact** on: – Decrease of the number of workers that perceive stress at work / the number of accidents at work / number of workers already suffering from MSD – Increase of the number of ROS-users (ROS=Robot Operating System) – Improvement of trust in AI, Data and Robotics (implementation of ADR in manufacturing) – Machine retrofit and refurbishment – Deployment of eco-design approach – Standardized, easy, non-hazardous dismantling processes shortened in time and costs The granted projects products are expected to have **market potential** and reach **commercialization** as project's outcome.

2.3 Description of the overall evaluation process

EARASHI project will evaluate proposals received in light of the criteria that govern the European Commission's original evaluation and selection of projects. This is achieved through an Internal Evaluation Committee with the assistance of three external experts. The three experts are independent of any member of the consortium and any proposer regarding the criteria of Excellence, Impact and Quality.

The process is further supported through business case evaluation of the proposal, which is performed by Blumorpho, an EARASHI consortium member.

In parallel, for every received AE, technical feasibility check is performed by the Building Block owner(s) (to ensure the technical feasibility of project, considering the project duration and the EARASHI technical partner resources to support the company's implementing the selected Building Block).

Prior to these steps, the eligibility check of all the proposals is performed to make sure that all the proposals that will be technically and business wise evaluated comply with all the requests, as described in the Guide for Applicants - section 5.1.

The experts will be individuals from diverse sectors (science, industry or academy) and with experience in the field of innovation. These experts are internationally recognized authorities in the relevant specialist area. They will sign a CONFIDENTIALITY AND CONFLICT OF INTEREST DECLARATION (see Annex 3) with EARASHI coordinator. The overall process of the AE evaluation and selection is illustrated in Figure 1.

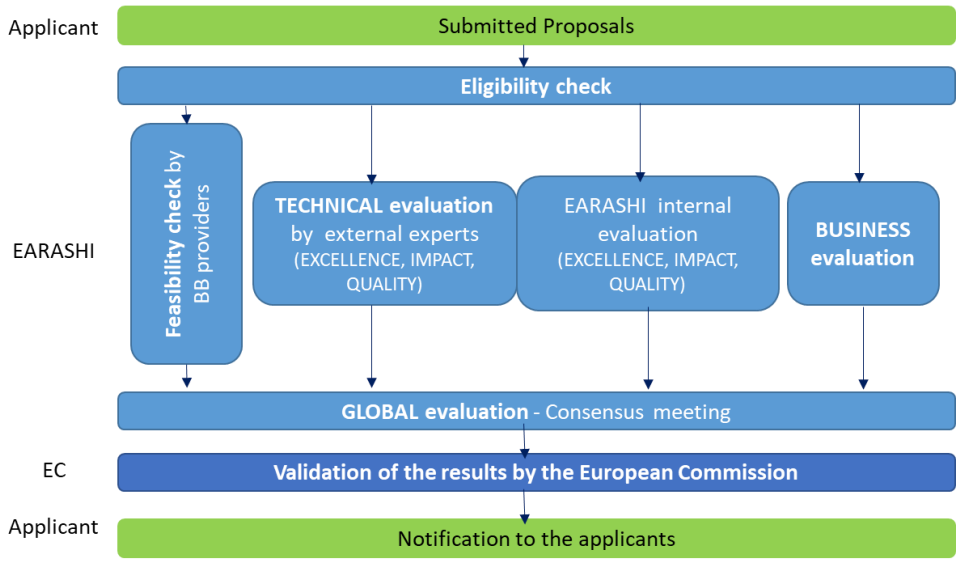

Figure 1: EARASHI – Open Call evaluation & selection process

3 PROPOSAL EVALUATION & SELECTION

3.1 Evaluation for External Evaluators

The evaluation of Application Experiment proposals in EARASHI by external evaluators is based on scores given according to three macro-criteria: Excellence, Impact, and Quality of implementation of the Application Experiment:

Under the **Excellence** criteria, the following aspects are expected to be assessed:

- **Clarity and pertinence** of the objectives.
- The **soundness** of the concept.
- The alignment with the call scope, e.g., ***Support Industry workers in their daily activities and improve their working conditions*** (see §2.2)
- The extent that proposed work is **ambitious**, has **innovation potential** and is **beyond the state of the art** (e.g., ground-breaking objectives, novel concepts and approaches).
- **Stage of development of the idea** (TRL > 4 – no basic science or fundamental research is expected to be funded under this call, further information/definition of the TRL scale can be found in Annex 5.).
- **Excellence, innovation and quality** of the objectives.

Under the **Impact** criteria, the following aspects are expected to be assessed:

- **Enhancing innovation capacity and integration** of new knowledge.
- **Strengthening the competitiveness and growth** of companies involved by developing innovations meeting the needs of European and global markets; and, where relevant, by delivering such innovations to the markets.
- Any other **environmental and socially important impacts** (covered contribution to EU policies or international targets, e.g., Sustainable Development Goals);

Under the **Quality** and the efficiency of the implementation criteria, the following aspects are expected to be assessed:

- Coherence and effectiveness of the **workplan**, including appropriateness of the allocation of tasks and resources.
- Complementarity of the **participants**.
- Justification of **resources.**

Specific attention ought to be paid to the **human-centricity/worker-centric approach** in the project implementation.

Transversal criteria such “Sustainability and circular economy (eco-design, refitting, refurbishing, recycling, etc.)”, “Environment and low carbon economy contribution (real and measurable impact)”, “Equal opportunities, gender balance and diversity”, “Social impact” shall also be considered by the evaluators when scoring the applications.

Please note:

Section 2.3 of the proposal will contain information about the business case of the application Experiment. The full business case is presented in the associated pitch video. A dedicated business case evaluation of the Application Experiment will be done by the consortium member Blumorpho, evaluating the following parameters:

- **Market attractiveness** taking into account the market size, growth potential – potential market capture for the company (SOM)
- **Differentiation** (UVP) highlight your unique value proposition – the unique selling point, compared to the competition
- **The business model / go to market explaining** what is the market access for the company, what is the plan to address the first customers, what is the plan for the future business development
- **Quality of the team** describing how the team is qualified for the execution of the business plan.
- **Strategic fit for the company** explaining what is the strategic coherence of the project for the company.

Therefore, the business case of the Application Experiment, in regards to the parameters mentioned above, should not factor into your evaluation as an external expert!

Evaluation Grades and Level of Confidence

Please allocate scores to each Application Experiment proposal for the technical criteria as follows:

- A score 0-5 is awarded for **Excellence**.
- A score 0-5 is awarded for **Impact**.
- A score 0-5 is awarded for **Quality of implementation**.

Each score is weighted the same with the weighting factor 1. **Half marks may be given**. Evaluators are asked to score proposals as they were submitted, rather than on their potential if certain changes were to be made. When an evaluator identifies significant shortcomings, they must reflect this by awarding a lower score for the criterion concerned.

The scores indicate the following with respect to the criterion under examination:

- 0 – Proposal **fails** to address the criterion or cannot be assessed due to missing or incomplete information.
- 1 – **Poor**. The criterion is inadequately addressed, or there are serious inherent weaknesses/incoherencies.
- 2 – **Fair**. The proposal broadly addresses the criterion, but there are significant weaknesses/incoherencies.
- 3 – **Good**. The proposal addresses the criterion well, but a number of shortcomings are present.
- 4 – **Very Good**. The proposal addresses the criterion very well, but a small number of shortcomings are present.
- 5 – **Excellent**. The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

Please, together with the comment, you can allocate a level of confidence with each scoring from 0 to 5, to indicate how "sure" you are in your score and the evaluation of that aspect of the proposal, with the end of the scale meaning the following:

- 0 – **Unsure**. The scoring represents an educated guess.
- 5 – **Absolutely sure.** The scoring was done with the highest confidence.

For each score, please also prepare a short remark/comment, explaining your scoring and why you chose that score for the criterion under examination. Tips for providing remarks and comments:

- Exercise critical judgement and or challenging approach respect to the information given in the application
- Reflect shortcomings in a lower score for the relevant criterion
- Use the whole scale of scoring 0 to 5: for extreme scores (0 and 5) please provide full justification (detailed and overall comprehensive) on the rationale for such evaluation
- Provide an explanation of shortcomings identified (even on proposals highly scored)
- Pay particular attention to the consistency between the score attributed and the comments provided (in case of incoherence, the EARASHI consortium may contact you for clarifications)
- Avoid providing generic comments or comments generically mirroring the criteria in object

3.2 Evaluation practical setup and tool

All EARASHI proposals are stored on the project collaborative platform hosted on Talkspirit, in a dedicated folder EARASHI-OpenCall.

Every external reviewer will have his own secure access to the proposals he will have to review. The invitation to join the collaborative platform will be launched by the coordinator CEA and the external reviewer will receive a mail to create and manage his own credentials.

The proposals to be reviewed are assigned by the responsible EARASHI partner. Every evaluator will evaluate all submitted proposals. A dedicated folder will be created for each reviewer gathering all the applications pdf documents to review. Not part of the evaluation but if interesting, the evaluator will have the possibility to have access to the pitch video and the eco-design questionnaire under the general open call storing folder. All the submitted projects can be identified through their ID: *project number_Project acronym*.

The evaluation score and comments are collected through the excel file that will be provided. It is strongly recommended to download the excel file, fill in locally and then upload the final version on Talkspirit, e.g., when the evaluation is fully performed.

ANNEX 1: EARASHI OPEN CALL ANNOUNCEMENT TEXT

EARASHI, **E**mbodied **AI**/**R**obotics **A**pplications for a **S**afe, **H**uman-oriented **I**ndustry, will launch 2 open calls (February and September 2023) to select 10 projects distributing 2 M€ among them. The selected projects should address one of EARASHI 10 challenges defined by EARASHI advisory board, and publicity announced within the open call.

The Open Call will be launched on *Date* to select 5 projects distributing 1 M€ among them. The selected projects should address one of EARASHI 10 open challenges.

Besides funding, the selected projects will benefit from **EARASHI programme**:

- Integration of a Technical building block of your choice and associated expertise, among the Building Block portfolio offered by EARASHI.
- Coaching services such as Business, human-centered design, eco-design, cybersecurity, engineering system integration, mentoring & access to validation facility.

The **funding instrument** will include a lump-sum grant of up to 200 k€ per project for developing solutions at demonstration scale and coaching session during and beyond their development. The total duration of a project is expected to be 15-18 months. Granted companies cannot individually receive more than 200 k€. Only startups and SMEs are eligible to receive such funding.

R&D demonstration projects targeting EARASHI challenges will be developed to reach Technology Readiness Level (TRL) 7 starting form TRL 4-5, following a competitive based approach. The demonstration projects will respond to one of **EARASHI 10 challenges**, and address **EARASHI overall scope**:

- **Support the industry** in the uptake of advanced digital eco-responsible technologies (in particular AI, Data and Robotics)
- **Support workers in their daily activities and improve their working conditions** (safety, health and well-being) leading to a productivity increase
- **Adopt a worker-centric approach** by considering worker well-being and health at work (e.g., MSD and stress), design thinking methodology of production machines, worker acceptance and Ethics
- **Target the machine tool / production machine / manufacturing industry application**

The granted projects are expected to have impact on:

- Decrease of the number of workers that perceive stress at work / the number of accidents at work / number of workers already suffering from MSD
- Increase of the number of ROS-users (ROS=Robot Operating System)
- Improvement of trust in AI, Data and Robotics (implementation of ADR in manufacturing)
- Machine retrofit and refurbishment
- Deployment of eco-design approach
- Standardized, easy, non-hazardous dismantling processes shortened in time and costs

The granted projects products are expected to have **market potential** and reach **commercialization** as project's outcome.

Pan-European demonstration projects (EU member states or Horizon Europe associated countries) are strongly encouraged, through cross-border collaboration either with the EARASHI partners providing the technical Building Blocks and expertise or through the companies building up the proposal.

The project must:

- Be proposed by a micro-consortium of a minimum of 1 independent legal entity (maximum 2) including exclusively Start-up or SME, established in the Member States of the European Union and its overseas countries and territories (OCT) and Horizon Europe associated Countries
- Involve an EARASHI building Block partner chosen among the Building Block portfolio.
- Address one of EARASHI challenges

ANNEX 2: EARASHI OC CHALLENGES

EARASHI

EARASHI Open Call#1 Description of the 10 Challenges

Funded by the European Union

EARASHI is an EU project funded by Horizon Europe under GA 101069994

EARASHI

EARASHI Open Call objectives

- Through Financial Support to Third Party for 10 Application Experiments dedicated to the production machines/tools application field, EARASHI will support the industry, especially SMEs, in the uptake of advanced digital eco-responsible technologies (in particular **AI, data and robotics**).
- These technologies will **support workers in their daily activities and improve their working conditions** (safety, health and well-being) leading to a productivity increase.
- EARASHI adopts a **worker-centric** approach by considering worker well-being and health at work (e.g., Musculoskeletal Disorders (MSD) and stress), design thinking methodology of production machines, worker acceptance, and ethics.

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EARASHI Open Call expected outcomes

- **Human Centricity**
  - Decrease the number of workers that perceive stress at work, the number of accidents at work, and the number of workers already suffering from MSD.
  - Increase the number of Robot Operating System (ROS) -users
  - Improve trust in AI, Data & Robotics (ADR) (implementation of ADR in manufacturing)
- **Sustainability**
  - Machine retrofit and refurbishment
  - More Integration of Life-Cycle Analysis
  - Standardized, easy, non-hazardous dismantling processes shortened in time and costs.
- **Economics**
  - 20 products with 1 commercialization plan for the robotic company and 1 for the technology providers.

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3

EARASHI Open Call#1 - 10 challenges

- **10 challenges**
  - The submitted projects should respond to one of the 10 challenges assessed by EARASHI external advisory board involving pan-European industrials with different profile and involved in various application domain markets.
  - For each challenge, we provide
    - One use-case
    - Associated challenges
    - An example of solutions
    - Proposal of available competencies within EARASHI consortium: building blocks and services
- **Recommendations**
  - It is reminded that every proposal should involve the implementation of one EARASHI building-block (described in the Building block portfolio)
  - The services and their uses are detailed in the Coaching service catalogue

Funded by the European Union

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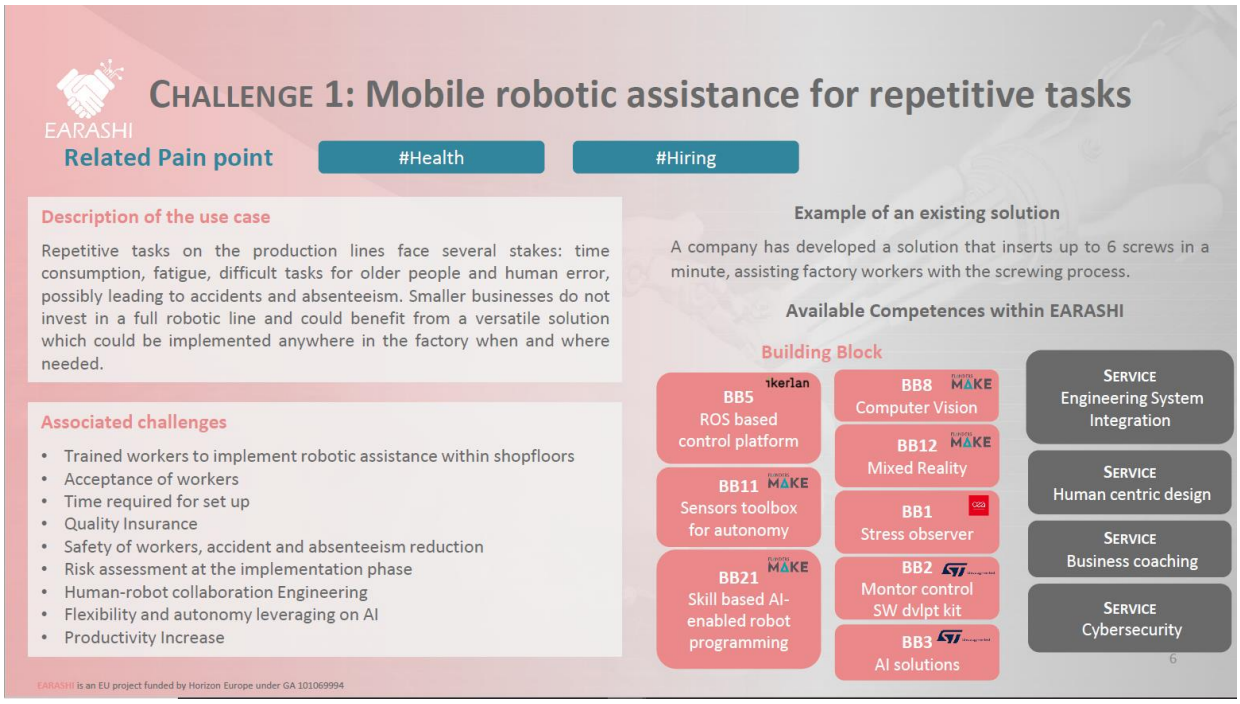

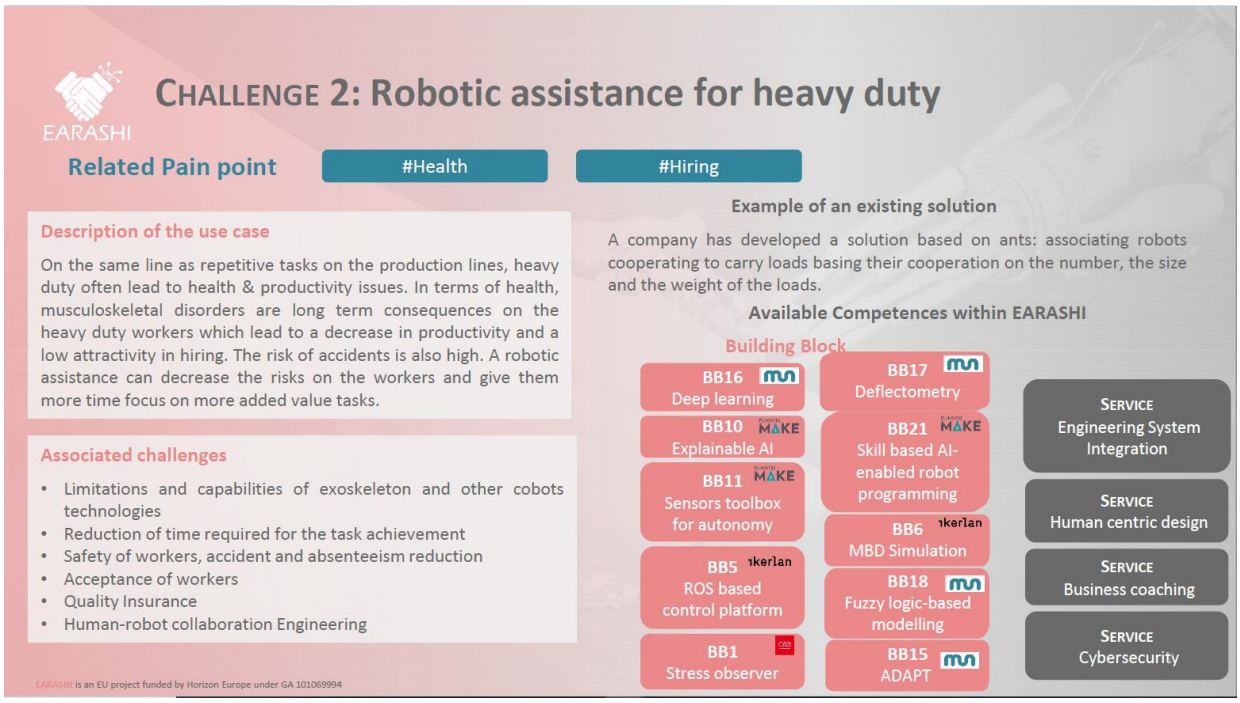

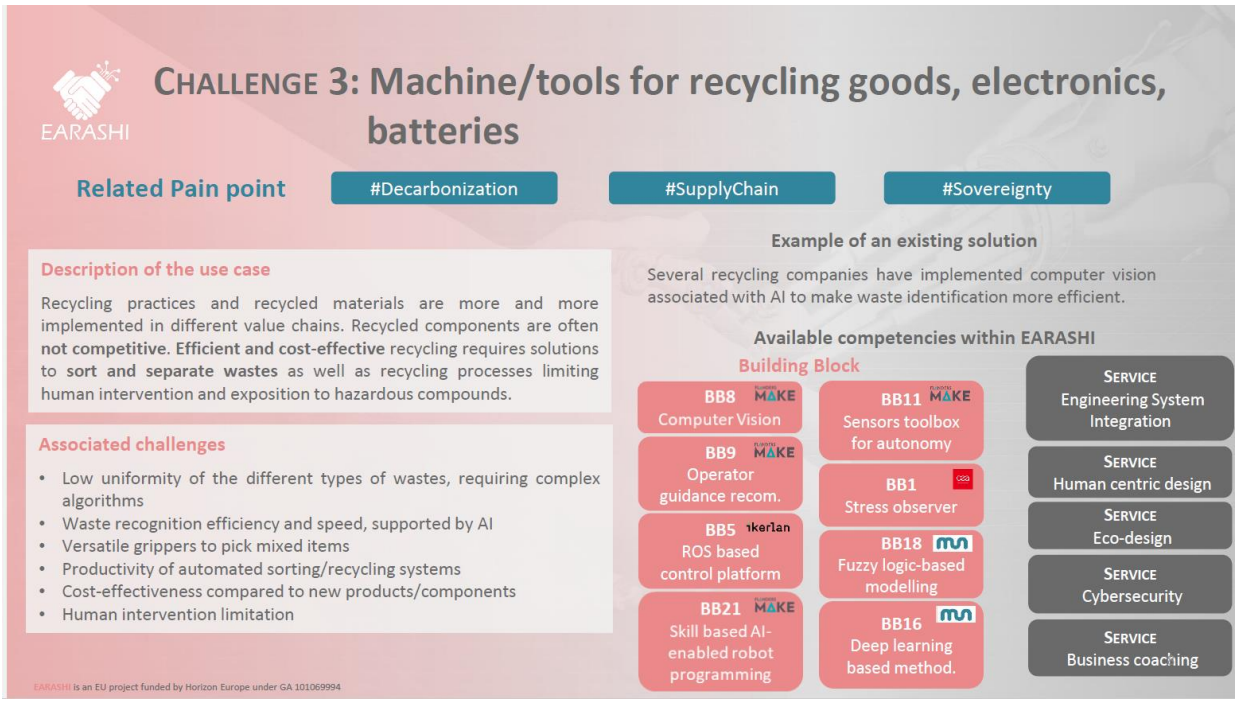

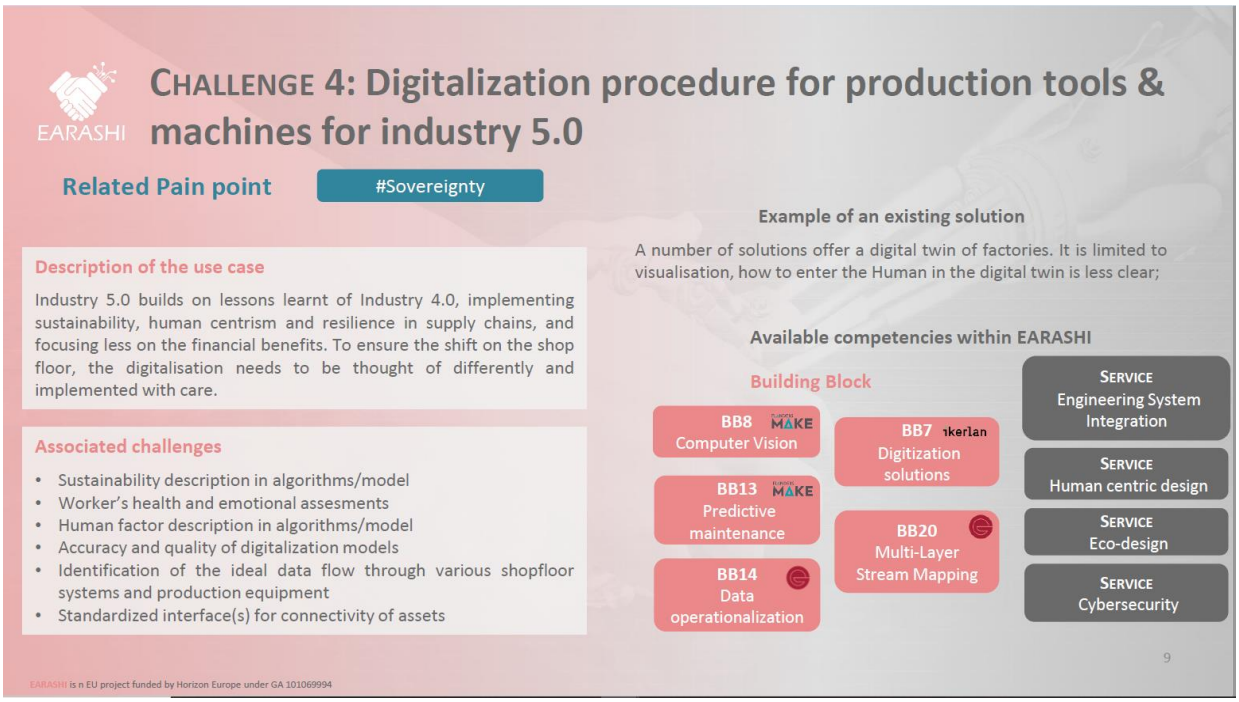

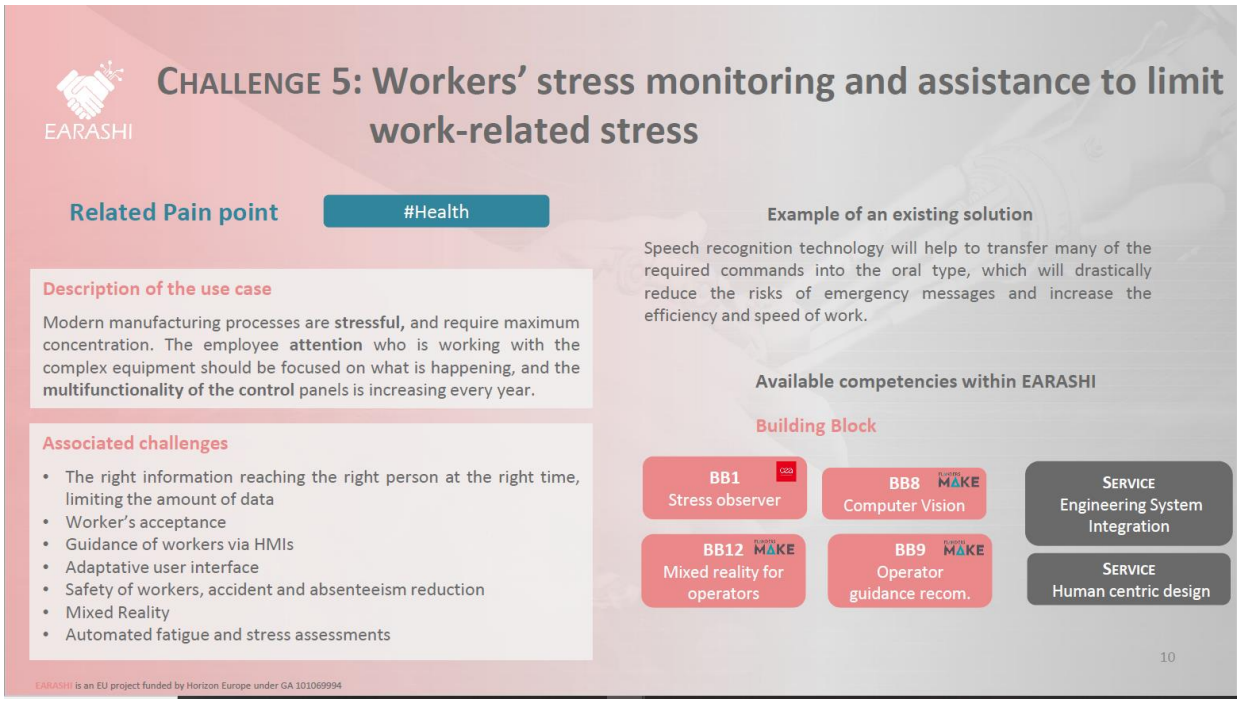

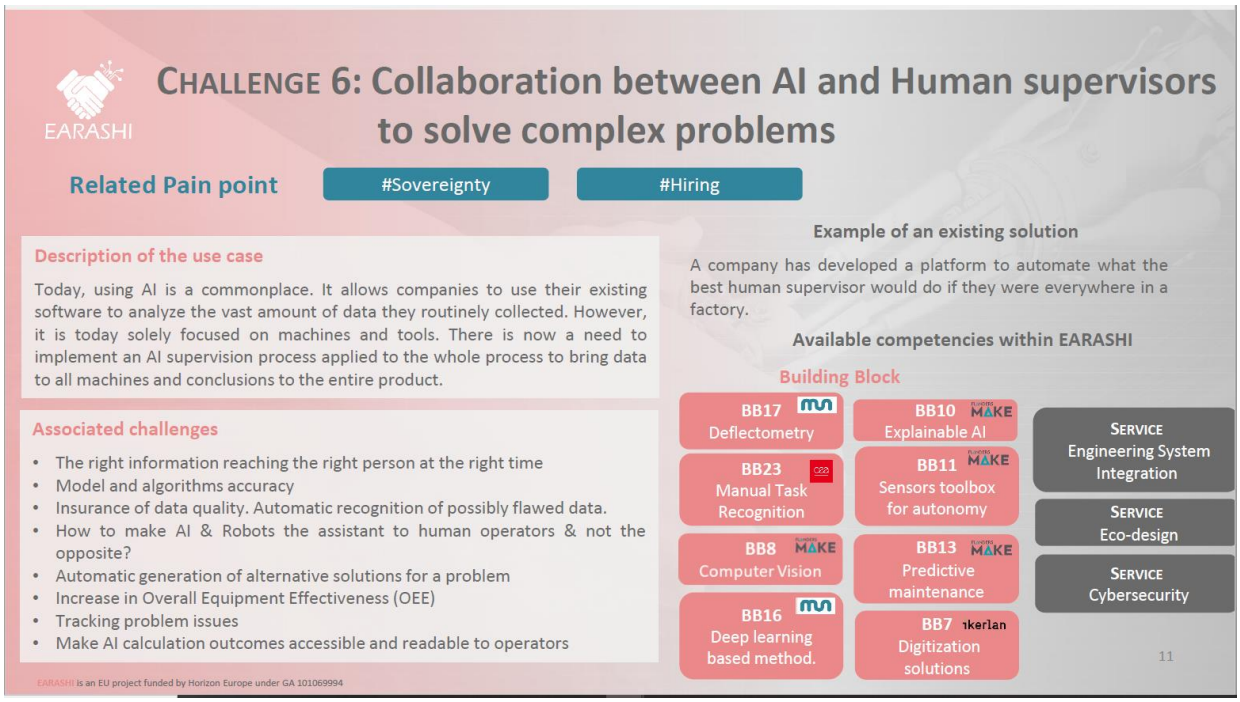

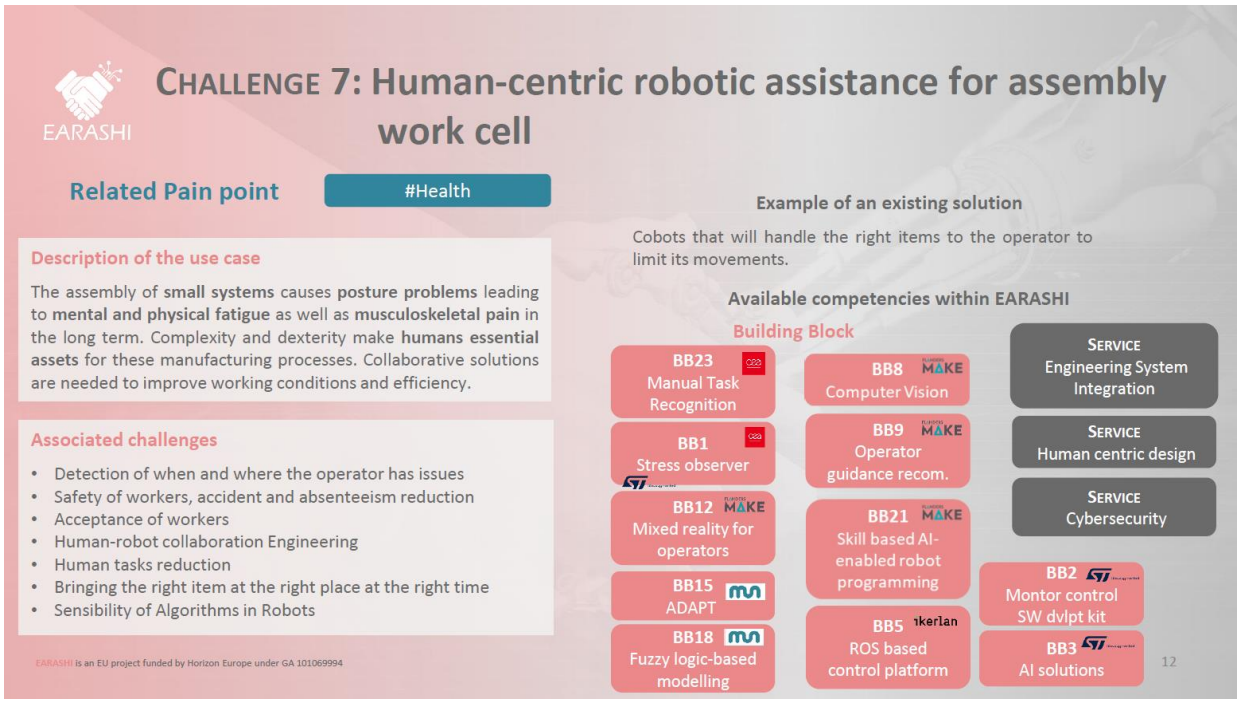

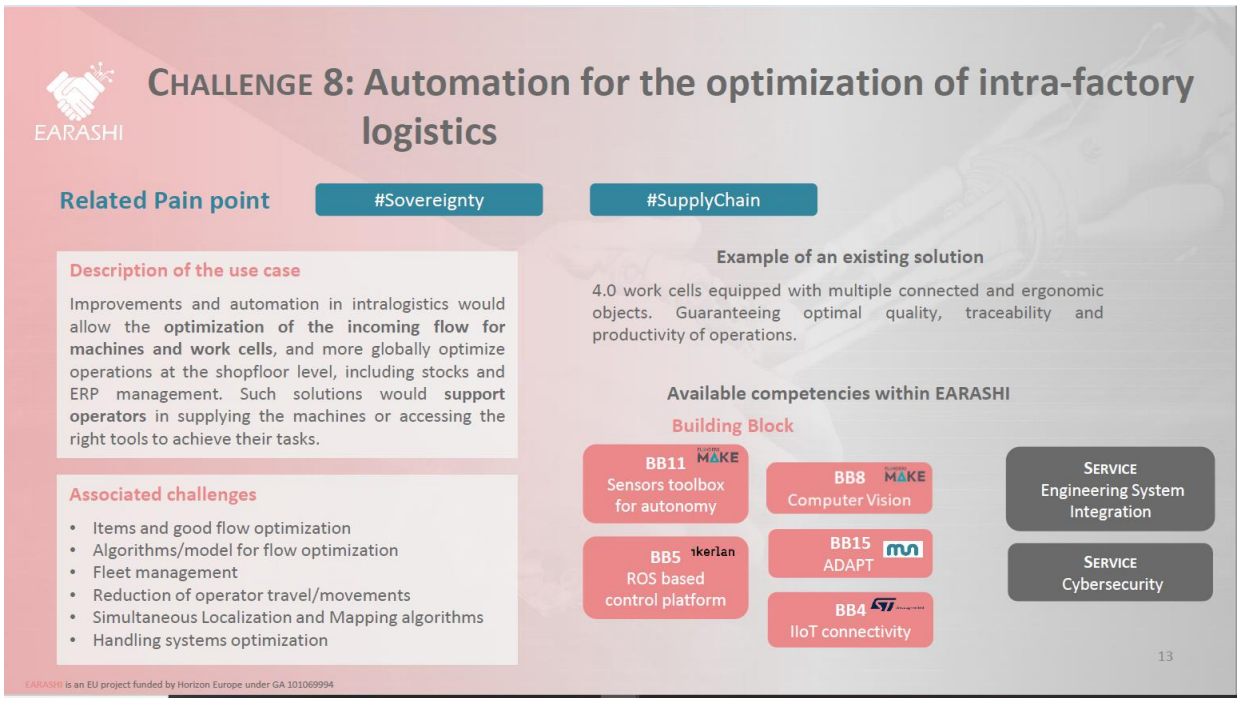

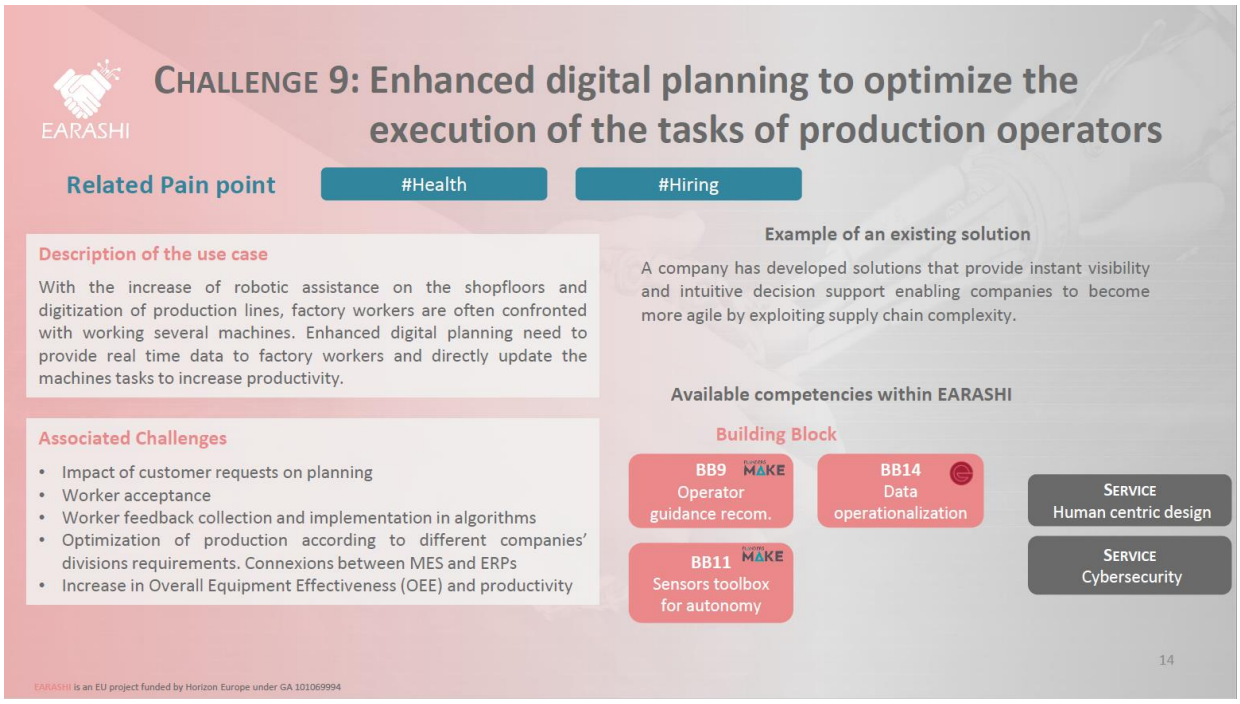

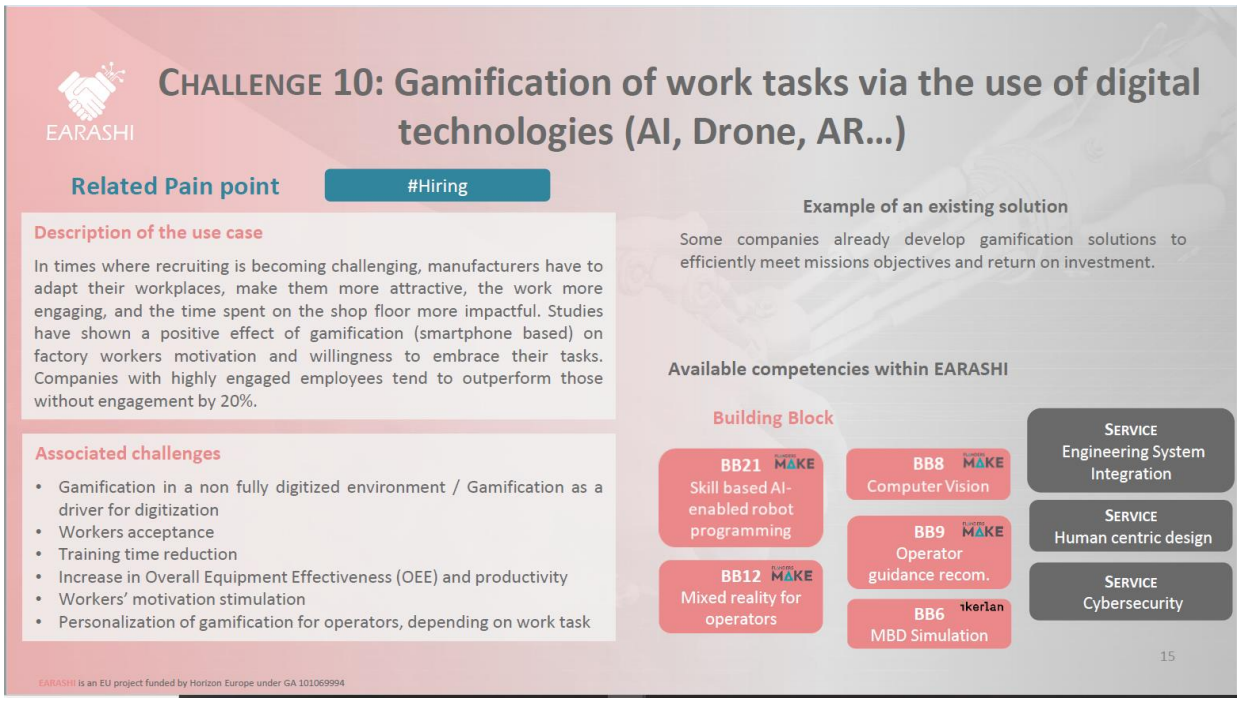

ANNEX 3: EARASHI CONFIDENTIALITY AND CONFLICT OF INTEREST DECLARATION

Expert address
Ms. Jane Doe
Main Street 123a
12345 Anycity
COUNTRY

City, Country, 5 May 2023

CONFLICT OF INTEREST DECLARATION

I the undersigned that, in participating as an independant expert in the evaluation of proposals received in the open call of the EARASHI project
I do not, to the best of my knowledge, have any interest in any of the proposals submitted in this call. I have not been involved in their preparation and I do not benefit either directly or indirectly from the eventual selection. Should I discover a conflict of interests during the evaluation, I decalre to undertake this and to withdraw from the evaluation.

Name	
Signature	
Date	

ANNEX 4: EARASHI EXTERNAL EXPERT CONTRACT

EARASHI

EARASHI – Expert contract

1- NON DISCLOSURE AGREEMENT

This confidentiality agreement (hereinafter referred to as the "Agreement") is made by and between:

Commissariat à l'énergie atomique et aux énergies alternatives, a French state-owned research entity with a scientific, technical or industrial activity duly organised under the laws of France and having its registered office located at 25 rue Leblanc, Bâtiment « Le Ponant D » - 75015 Paris, FRANCE, declared at the Paris Register of Commerce and Trade under the following registration number: R.C.S. Paris B 775 685 019, acting for its Technological Research Division (DRT), and represented by M. Fabien CLERMIDY, Director of the DSYS Department, and duly authorized for the purposes hereof, hereinafter referred to as "**CEA**",

And

Mr.//Ms. ** ***,, with Identification Number (D.N.I.) *** and address in *** hereinafter referred to as "External Evaluator".

hereinafter, jointly or individually, referred to as"Parties" or "Party".

WHEREAS:

Commissariat à l'énergie atomique et aux énergies alternatives, Flanders Make VZW, AMS Belgium bvba, Mondragon Goi Eskola Politeknikoa Jose Maria Arizmendiarrieta S Coop, INEGI – Instituto de Ciencia e Inovacao em Engenheria Mecanica e Engenharia Industrial, Ikerlan S Coop, Minalogic Auvergne-Rhône-Alpes, ST Microelectronics Grenoble 2 Sas, Comité Européen de Cooperation des Industries de la Machine-Outil CECIMO AISBL, Blumorpho, Steinbeis Innovation GGMBH and Servicio De Aistencia Tecnica Electrica S.L. (Aldakin) (hereinafter the "Project Partners") are the participants to the project called **EARASHI** as part of the Horizon Europe – the Framework Programme for Research and Innovation (2021-2027) which is approved by the European Commission (Grant Agreement reference 101069994), entitled "**Embodied AI/Robotics Applications for a Safe, Human-oriented Industry**"
(hereinafter referred to as "Project"). More specifically:

- CEA is the Coordinator of the Project;
- CEA is the chairperson of the EARASHI Evaluation Committee.

The Project Partners have the necessity to constitute an Evaluation Committee in order to evaluate the applications of the different Third Parties (hereinafter referred to as "Purpose"); for this Purpose, CEA, as Coordinator of the Project, has taken contact with Mr.//Ms. ** ***, for the advice and assessment in the Project;

EARASHI

In order to participate in the above said Evaluation Committee, the Expert will have access to Confidential Information (as defined at Section 1 below) that the Expert should keep it as confidential.

NOW, THEREFORE, IT IS HEREBY AGREED AS FOLLOWS:

1) For the purpose of this agreement the following definitions will apply:

Application Experiment: means the experiments to be carried out with the Selected Third Party or the Selected Third Parties, as envisaged in the Consortium Plan, with the objective to foster the introduction of digital technologies in their product and service offerings. They will involve at least one EARASHI Technical Partner (the Building Block owner) designed as the Monitoring Partner, and one or two Selected Third Party (ies), and the Cascade Funding Partner.

Application Experiment Partners: means all the partners involved in an Application Experiment.

Cascade Funding Partner: means the Party distributing Cascade Funding to the Selected Third Parties for performing the Application Experiments. At the time of signature of the Grant Agreement, the Cascade Funding Partners is the monitoring partner of CEA when the monitoring partner is ST Microelectronics.

Confidential Information: means all information (financial, commercial, technical, legal or whatever nature) in whatever form or mode of communication (writing or drawings, orally, in the form of samples, models, computer program or in any form whatsoever including information derivable by visual inspection), which is disclosed by the Disclosing Party to the Recipient or to which the Recipient has access in any way in connection with the Project and with the different Application Experiments (this includes all the information provided by applicants).

Disclosing Party: means all Application Experiment Partners (including the Cascade Funding Partner, the Monitoring Partner, the Selected Third Party(ies) and possible Innovation Management Partner).

Monitoring Partner: means the Party that will be in charge of managing and monitoring the Application Experiments carried out by the Selected Third Party(ies). The Monitoring Partner is naturally the building block owner of the building block selected by the Third Party(ies) for the granted project.

Third Party(ies): means the legal entities chosen through open calls in accordance with the Grant Agreement and the Consortium Agreement. The Selected Third Parties implement Application Experiments with the objective to develop innovative European CPS and embedded systems. They are third parties since they are not party to the Grant Agreement or the Consortium Agreement.

Receiving Party: means Mr.//Ms. ** ***,

2) The Confidential Information, all copies thereof and all rights thereto, shall remain the exclusive property of the Disclosing Party.

All Confidential Information, included inside the application submitted to EARASHI Open Call or related to the application, whether original or copies thereof, including any document, note, meeting report, project submissions, etc. containing such information, shall be promptly returned by the Receiving Party to the Disclosing Party on receipt of the Disclosing Party or CEA's written request therefor. The Receiving Party will not retain any copies, extracts or reproductions in whole or in part of the Confidential Information.

2) The Receiving Party hereby undertakes during the implementation of the Project and for a period of five (5) years after the end of the Project:

not to use Confidential Information otherwise than for the Purpose for which it was disclosed;

not to disclose Confidential Information to any third party without the prior written consent by the Disclosing Party;

not to duplicate or otherwise reproduce Confidential Information except for such copies as the Receiving Party may require for the Purpose as aforesaid, provided that all copies shall contain the same proprietary and confidential notices and legends as appear on the original Confidential Information,

not analyze, reverse-engineer, disassemble, decompose or re-formulate any Confidential Information, including any Samples;

not to claim nor to register any Intellectual Property right, nor to exercise any Intellectual Property right or any other right on Confidential Information received under the Agreement;

to return to the Disclosing Party on demand or destroy all Confidential Information which has been supplied to or acquired by the Receiving Party including all copies thereof and to delete all information stored in a machine readable form. The Receiving Parties may keep a copy to the extent it is required to keep, archive or store such Confidential Information because of compliance with applicable laws and regulations or for the proof of on-going obligations.

3) Nothing in this Agreement shall be construed as compelling the Application Experiment Partners to disclose any Confidential Information to the Expert, or to enter into any further contractual relationship with the Expert.

4) Nothing contained in this Agreement shall be construed as granting or conferring upon the Receiving Party, whether expressly or impliedly, any right by license or otherwise under any proprietary or statutory right of the Disclosing Party existing prior to or coming into existence after the effective date of the Project.

5) The Agreement is personal to the Parties (« intuitu personae ») and the Receiving Party undertakes not to assign nor transfer its rights or obligations under the Agreement to any third party without the Disclosing Party's prior written approval.

6) The above shall not apply for disclosure or use of Confidential Information, if and in so far as the Receiving Party can show that:

- the Confidential Information has become or becomes publicly available by means other than a breach of the Receiving Party's confidentiality obligations;
- the Disclosing Party subsequently informs the Receiving Party that the Confidential Information is no longer confidential; or
- the Confidential Information is communicated to the Receiving Party without any obligation of confidence by a third party who is to the best knowledge of the Recipient in lawful possession thereof and under no obligation of confidence to the Disclosing Party; or
- the Confidential Information, at any time, was developed by the Receiving Party completely independently of any such disclosure by the Disclosing Party; or
- the Confidential Information was already known to the Receiving Party prior to disclosure; or
- the Receiving Party is required to disclose the Confidential Information in order to comply with applicable laws or regulations or with a final court or administrative order, subject to the provision Section 9 hereunder.

7) The Receiving Party shall apply the same degree of care with regard to the Confidential Information disclosed as with its own confidential and/or proprietary information, but in no case less than reasonable care.

8) The Receiving Party shall promptly advise CEA in writing of any unauthorized disclosure, misappropriation or misuse of Confidential Information after it becomes aware of such unauthorized disclosure, misappropriation or misuse.

9) If The Receiving Party becomes aware that it will be required, or is likely to be required, to disclose Confidential Information in order to comply with applicable laws or regulations or with a court or administrative order, it shall, to the extent it is lawfully able to do so, prior to any such disclosure:

- notify CEA,

- comply with the CEA's reasonable instructions to protect the confidentiality of the information, and

- make such disclosure only to the extent it is required.

10) This Agreement shall be construed and interpreted in accordance with the laws of Belgium.

11) Any dispute arising in connection with this Agreement, including any dispute related to the validity, interpretation, implementation and/or termination of the Agreement, which cannot be amicably settled within the sixty (60) days following its occurrence shall be finally settled under the Rules of Arbitration of the International Chamber of Commerce by one arbitrator appointed in accordance with those Rules. The arbitration proceedings shall take place in Brussels (Belgium). The language to be used in the arbitral proceedings shall be English.

12) Any notices for technical correspondence in connection with the Agreement shall be sent to:

- Isabelle DOR, if to **CEA**
CEA-LETI/DSYS/SSCE , 17 Rues des Martyrs 38000 Grenoble Cedex
Tel: +04 38 78 59 70
Email: Isabelle.dor@cea.fr

Mr.//Ms. ** ***,
[address]
Tel: .....
Email: .....

13) The Agreement cancels and supersedes all previous written or oral agreements and understandings between the Parties with regard to the Purpose, and constitutes the Parties' entire agreement as to such Purpose. No addition or modification of the terms of the Agreement shall be valid between the Parties unless made in writing and signed by their duly authorized representatives.

2- CONTRACTUAL AND FINANCIAL CONDITIONS

The services are being contracted from:

Mr.//Ms. ** ***,
[address]
Tel: .....
Email: .....

This service agreement is effective from the 30/05/2023 until the 12/07/2023.

Role of the Expert:

- Provide support to EARASHI project by evaluating, scoring and commenting Application Experiments proposals received at EARASHI second Open Call
- Evaluation period is scheduled 15/01/2024 to 23/02/2024
- Evaluation reports to be delivered to EARASHI on 23/02/2024
- Attend TELCOS, if needed, to discuss their evaluation results with fellow Jury Members from EARASHI between 23/02/2024 to 08/3/2024.

Financial Elements & Payment Conditions

The Expert is entitled to a financial allocation of 500 € per worked day (excluding VAT). It is expected that the Expert will analyze an average of 10 EARASHI Application Experiments proposals per day.

Payments requests are subject to the following conditions:

- Delivery of the Evaluation reports of the received AEs proposals, including score and comments, before 23/02/2024
- Expert will establish a claim of costs in due and proper form
    - invoice identifier 2024/CEA-LETI/EARASHI-OC2
    - the bank account number / IBAN
    - the amount to be paid (excluding VAT): based on the number
    - the following label
        - Reference and date of Evaluation report delivery to CEA : ref Date
        - Number of Application Experiment proposals evaluated: reference amount 1
        - Number of days spent on the mission: reference amount 2
        - =>the reference date and reference amounts will be detailed in the "Claim of Cost" which will be provided to Earashi once the review task is finished.

The claim of costs needs to be addressed in pdf signed by email to Isabelle DOR at isabelle.dor@cea.fr.

Executed in two (2) original counterparts, one (1) for each Party:

For **CEA:** M. Fabien CLERMIDY Director of DSYS Department Date:	Mr.//Ms. ** ***, Date: 1

ANNEX 5: TRL DEFINITION

Where a topic description refers to a TRL, the following definitions apply, unless otherwise specified (https://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/annexes/h2020-wp1415-annex-g-trl_en.pdf):

- TRL 1 – basic principles observed
- TRL 2 – technology concept formulated
- TRL 3 – experimental proof of concept
- TRL 4 – technology validated in lab
- TRL 5 – technology validated in relevant environment (industrially relevant environment in the case of key enabling technologies)
- TRL 6 – technology demonstrated in relevant environment (industrially relevant environment in the case of key enabling technologies)
- TRL 7 – system prototype demonstration in operational environment
- TRL 8 – system complete and qualified
- TRL 9 – actual system proven in operational environment (competitive manufacturing in the case of key enabling technologies; or in space)

More details can be found at: https://horizoneuropencpportal.eu/store/trl-assessment