# horizon europe pcn Numérique

# Partner search/offer
## Date (06-07-23)

**(*) – Mandatory**

- **(*) Relevant topic(s) in work programme (code & name of the topic(s) line(s))**

| HORIZON-CL4-2024-HUMAN-01-06: Explainable and Robust AI (AI Data and Robotics Partnership) |
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- **Quick description of the project concept**

| **Describe the**<br>- Objectives & activities<br>Develop and test explainable and robust AI principles, algorithms and agents as the foundations for future autonomous machines.<br>Prepare for future collaboration of autonomous machines and humans / human driven machines in construction worksites dynamic environments<br>- Type of partners already involved and their skills : academia, explainable AI<br>- Partners requested and their skills : academia with experience in AI (explainable, robust & safe) |
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- **(*) Description of the expertise requested/proposed (up to 1000 characters)**

| **Expertise proposed : U**se-cases in worksites context with dynamic environment and autonomous machines / humans interactions & collaboration<br><br>**Expertise requested :** AI agents development and combination focusing on explainable, safe, robust and machine / human interaction aspects |
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- **(*) Keywords describing the expertise requested/proposed (up to 10 words)**

| AI / trustworthy / explainable / robust / autonomous / collaboration |
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## Organisation information

| **(*) Organisation and country:**<br>Volvo Construction Equipment – Sweden, Germany, France & South Korea |
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| **(*) Type of organisation:**<br>■ Enterprise □ SME □ Academic □Research institute □ Public Body □ Other: Association |
| **Former participation in FP European projects?**<br>■ Yes □ No |
| **Web address:**  https://www.volvoce.com/global/en/ |
| **Description of the organisation:**<br>**Construction Equipment & Services (off-road machinery)** |

## (*) Contact details

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