# AIDEDex

## Artificial Intelligence for Detection of Explosive Devices - Extended

## SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2022

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| **CALL TITLE:** | Research actions – technological challenge |
| **TOPIC TITLE:** | Unmanned ground and aerial systems for hidden threat detection |
| **DURATION OF THE PROJECT:** | 48 |
| **TYPE(S) OF ACTIVITIES:** | Generating knowledge, Integrating knowledge, Studies, Design |
| **ESTIMATED TOTAL COST:** | €  4,995,883.46 |
| **MAXIMUM EU CONTRIBUTION :** | €  4,995,883.46 |

## SHORT DESCRIPTION OF THE PROJECT:

**AIDEDex will improve the neutralisation of Improvised Explosive Devices, IEDs.**

With a view to clean areas from buried Improvised Explosive Devices (IED) and landmines, AIDEDex main focus, when participating to the technological challenge, is on the automated detection of those hidden threats using Artificial Intelligence (AI) techniques on data collected from a large suite of sensors. AIDEDex will use AI across the whole chain of command, control, planning, IED and landmines detection and classification, navigation and multi-robot decisional autonomy.

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## MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

| NAME OF THE ENTITY | COUNTRY |
| --- | --- |
| Space Applications Services (Coordinator) | Belgium |
| CATEC | Spain |
| CTRO | Croatia |
| Fraunhofer EMI | Germany |
| LIGHT | Denmark |
| Royal Military Academy | Belgium |