

# AtLaS

AI-based Natural Language Processing of Low-Quality and Multilingual Data in Defence Applications with User Adaptation

## SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

**CALL TITLE:**

Research actions for digital transformation

**TOPIC TITLE:**

Human Language technologies

**DURATION OF THE PROJECT:**

60 months

**TYPE(S) OF ACTIVITIES:**

Generating knowledge, Integrating knowledge, Studies

**ESTIMATED TOTAL COST:**

€ 5,999,933.00

**MAXIMUM EU CONTRIBUTION :**

€ 5,999,933.00



### SHORT DESCRIPTION OF THE PROJECT:

The AtLaS project will focus on advancing Human Language Technology (HLT) in Defence, by combining artificial intelligence (AI) and Natural Language Processing (NLP) to handle low-quality and multilingual data.

AtLaS' objectives include developing resilient systems for noise and multiple language handling, leveraging advanced training and technologies like denoising. It aims to improve defence communication and intelligence gathering by participating in an HLT Challenge and by creating adaptable systems for a European library of language technology.



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**Members of the consortium and  
country of establishment:**



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
AALBORG UNIVERSITET (Coordinator)	Denmark
BABELSCAPE SRL	Italy
BARCELONA SUPERCOMPUTING CENTER CENTRO NACIONAL DE SUPERCOMPUTACION	Spain
BULL SAS	France
CROSSLANG NV	Belgium
DEUTSCHES FORSCHUNGSZENTRUM FUR KUNSTLICHE INTELLIGENZ GMBH	Germany
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