

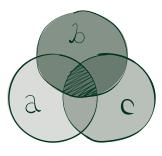
Almende is a Dutch SME based in Rotterdam, with over 20 years participating and leading R&D projects around the topics of self-organization and complex systems. Our expertise is in software architecture and development, AI, and data analytics.

## **Culture, Creativity and Inclusive Society**

We are looking to collaborate in projects around the following topics:



1. Social Network Analysis and Visualisation; the study and understanding of social networks, which is increasingly important for many aspects of proper public administration, needs better tools for analysis and visualisation to provide tailored insight to policymakers. We would like to apply our expertise with the development of analysis and visualisation tools in several domains (logistics, healthcare, manufacturing) in this domain.



**2. Blended Decision Support;** Almende has developed several powerful decision support tools for various domains, including risk analysis tools for the manufacturing domain and decision support tools for cultural heritage policymakers. We provide effective new technology-driven ways to gather knowledge from experts in the field (expert-in-the-loop). We combine expert knowledge with other data stemming from various types of sensors, cameras or satellites. Finally, we apply AI/ML and NLP tools to transform and generalise the insights derived from this knowledge for use by others.



**3. Marketplaces for micro-learning;** our experience with data-driven decision support technology can be very well combined with our expertise in marketplace and community platform development. We are interested in applying this combination to build (mobile) marketplaces for matching skills and needs around micro-learning.



4. Extended Reality (XR) environments; Almende has a track record in virtual, augmented and extended reality research projects. Our aim is to lower the barriers for adoption of such new technologies for education and training purposes through simplified setup of ad-hoc XR environments, integration of simulation technology and application of Al/ML techniques for automated performance analysis of the participants which need to train physical skills (e.g. complex machine operation or performing arts like dancing).

## **Collaboration**

The table on the next page shows the concrete calls that we have identified within the Horizon Europe Framework Programma - Cluster Culture, Creativity and Inclusive Society, which match with our ideas. Beyond these, we are nonetheless open to other collaborations as well.

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CALL	TITLE	TOPICS
HORIZON-CL2-2022 -DEMOCRACY-01-01	Artificial intelligence, big data and democracy	1, 2
HORIZON-CL2-2022 -DEMOCRACY-01-05	Evolution of political extremism and its influence on contemporary social and political dialogue	1
HORIZON-CL2-2022 -DEMOCRACY-01-07	Politics and the impact of online social networks and new media	1
HORIZON-CL2-2021 -HERITAGE-01-03	Cultural and creative industries as a driver of innovation and competitiveness	2
HORIZON-CL2-2021 -HERITAGE-01-04	Preserving and enhancing cultural heritage with advanced digital technologies	2
HORIZON-CL2-2022 -HERITAGE-01-08	Effects of climate change and natural hazards on cultural heritage and remediation	2
HORIZON-CL2-2021 -TRANSFORMATIONS-01-05	Integration of emerging new technologies into education and training	3, 4
HORIZON-CL2-2022 -TRANSFORMATIONS-01-07	Conditions for the successful development of skills matched to needs	3