



Sr. R&D Project Coordinator
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SESTEK



Company

As an SME, Sestek is a global technology company helping brands with conversational AI, Analytics and Biometrics solutions to be more data-driven, work more efficiently and deliver better experiences for their customers

Locations

Istanbul, Ankara, Dubai, London

2 R&D Centers

Presence

300+ Brands

12 industries

16 countries

Team

100+ Employees

>70% R&D Engineers

Expertise

20 years of industry experience

11 patents

Projects

30+ funded R&D projects

(4 Eureka, 1 Eurostars, 1 Globalstars and 1 ECSEL)



HORIZON-CL4-2021-DIGITAL-EMERGING-01-10: AI, Data and Robotics at work

Specific Skills Related to the Topic:

SESTEK's Conversational and speech processing technologies can address the specific topic of the call (All proposals should exploit the latest results in AI, data and robotics, as well as **multimodal interaction technologies**, User interface experience, for **natural and seamless interaction between the human and the technology**/sources of information, including Augmented/Virtual Reality when appropriate) by adding value to the project with following functions/assets:

- ❖ Conversational AI
Virtual Assistant, Chatbot

Natural language processing, continuous speech recognition, text-to-speech, seamless agent, intent detection, named entity recognition, adaptive grammar engine, large database for language and acoustic models and pronunciation dictionary, 3rd party integration (Facebook, WhatsApp, Teams, Twilio)

HORIZON-CL4-2021-DIGITAL-EMERGING-01-11: Pushing the limit of robotics cognition

Specific Skills Related to the Topic:

Sestek can address the specific topic of the call (New generation of AI-Powered Robotics: **cognitive, interactive robots, human-robot interaction** intuitiveness and **responsive human-robot interfaces**; integration of robot perception with **natural and artificial intelligence**) and contribute the second type of proposal (The second type of proposals will further develop and integrate physical **human-robot interaction, verbal/non-verbal communication** as well as robot-environment/object interaction)

❖ Conversational AI
Virtual Assistant, Chatbot

Natural language processing, continuous speech recognition, text-to-speech, seamless agent, intent detection, named entity recognition, adaptive grammar engine, large database for language and acoustic models and pronunciation dictionary, 3rd party integration (Facebook, WhatsApp, Teams, Twilio)

❖ Orchestrator

Business flow management, code generation, response management, AI model integration, DevOps infrastructure

HORIZON-CL4-2021-HUMAN-01-05: Trustworthy open search and discovery

Specific Skills Related to the Topic:

Sestek can address the specific topic of the call (Projects under this topic may notably explore advanced methods of search **such as voice-based search or cognitive search combining technologies for natural language processing, semantic analysis**, AI-based taxonomies, network analysis, social computing and data visualisation, enabling new ways of discovering and accessing information, in an energy-efficient way) by adding value to the project with following functions/assets:

❖ Conversational AI
Virtual Assistant, Chatbot

Natural language processing, continuous speech recognition, text-to-speech, seamless agent, intent detection, named entity recognition, adaptive grammar engine, large database for language and acoustic models and pronunciation dictionary, 3rd party integration (Facebook, WhatsApp, Teams, Twilio)

❖ Semantic analysis

Positive, Neutral, Negative classification

HORIZON-CL4-2021-HUMAN-01-25: eXtended Collaborative Telepresence

Specific Skills Related to the Topic:

Sestek can address the specific topic of the call (Through open standards, support the integration of additional services such as **recording, speech transcription**, translation, anonymization, **summarisation, context-aware instant search**, Provide systems to facilitate human-to-human **and human-to-machine interaction**, that allows **real-time** as well as **offline communication**) by adding value to the project with following functions/assets:

❖ Conversational AI
Virtual Assistant, Chatbot

Natural language processing, continuous speech recognition, text-to-speech, seamless agent, intent detection, named entity recognition, adaptive grammar engine, large database for language and acoustic models and pronunciation dictionary, 3rd party integration (Facebook, WhatsApp, Teams, Twilio)

❖ SESTEK AI

Text summarisation, sentiment analysis, language detection

Other related call:

HUMAN-01-13: eXtended Reality Modelling

DATA-01-01: Technologies and solutions for compliance, privacy preservation, green and responsible data operations

Specific Skills Related to the Topic:

Sestek can address the specific topic of the call (Digital technologies, methods, architectures and processes for user-friendly, safe, trustworthy, compliant, fair, transparent, accountable and environmentally sustainable collection, storage, **processing, querying, analytics and delivery of data**) by adding value to the project with following functions/assets:

❖ SESTEK AI

On premise AI platform to train, test and publish ML models without taking the data out.

Text classification, text summarisation, sentiment analysis, language detection

❖ Conversational Analytics

Analytics platform for speech and text processing (Speech recognition in 20 languages, semantic analysis)

Other related call:

DATA-01-03: Technologies for data management

DATA-01-04: Extreme data mining, aggregation and analytics technologies



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