



## Objectives

1. Scalable and extensible media monitoring platform
2. High quality and richer tools for analysts and journalists
3. Automated knowledge base construction
4. Multilingual and cross-lingual capabilities
5. Sustainable, maintainable platform and services
6. Communication of project results to stakeholders

## Partners

University of Edinburgh, UK  
Priberam, PT  
UCL, UK  
Idiap Research Institute, CH  
LETA, LV  
BBC, UK  
Deutsche Welle, DE  
QCRI, Qatar

## Contact

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## Goal

The aim of SUMMA is to significantly improve media monitoring by creating a platform to automate the analysis of media streams across many languages, to aggregate and distil the content, to automatically create rich knowledge bases, and to provide visualisations to cope with this deluge of data.

Achieving these aims will require advancing the state of the art in a number of technologies: multilingual stream processing including speech recognition, machine translation, and story identification; entity and relation extraction; natural language understanding including deep semantic parsing, summarisation, and sentiment detection; and rich visualisations based on multiple views and dealing with many data streams.

## Use Cases

1. External Media Monitoring – intelligent tools to address the dramatically increased scale of the global news monitoring task
2. Internal Media Monitoring – managing content creation across several languages
3. Data Journalism – using the SUMMA platform to enable deeper insights for journalists.

## Impact

The outputs of the project will be field-tested at partners BBC and DW, and the platform will be further validated through innovation intensives such as the BBC NewsHack.

Most technology developed in SUMMA will be open source, and we shall produce a fully functional platform using only open source components.

<http://summa-project.eu/>