



APPLICATIONS  
& INNOVATIONS INDUSTRIELLES  
& INFORMATIQUES



## General information

**Organisation name :** *1A3i*  
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## Targetted topics: (maximum 3)

**Exemple :** *HORIZON-CL4-2022-DATA-01-01*  
*HORIZON-CL4-2022-DATA-01-05*

Le jeudi 3/2/2022

## “ RESTRUCTURING UNSTRUCTURED DOCUMENTS “

like PDF, EMF, WMF, SVG, HPGL, IGES, STEP, DXF, DWG etc.

### The objectives :

- **COMPARE** two heterogeneous documents
- **EXPORT** restructured data to other software : **CAD** (Computer Aided Design) , **CAM** (Computer Aided Manufacturing) , **DTP** (DeskTop Publishing)
- **INDEX** and **RESEARCH** graphical and textual data in heterogenous unstructured documents
- **CLASSIFY** and **ORGANIZE** automatically or semi automatically a set of unstructured documents
- **ARCHIVE** and **COMPRESS** the data with the possibilities to **Compare, Export, Index, Research, Classify and Organize** (**big green impact**)

### 1. The skills the organization bring to the projects

- **Knowledge of European projects:** now we are working with European partners in a EUROSTARS project and many by the past .
- **The desire to work with laboratories and SMEs to develop European Research.**
- **The possibility and ability to BUILD the project with ESTIA or to integrate a consortium.**
- **The skills described above.**
- **A starting consortium with ESTIA and 1A3i.**

# Project idea :

- Exploit "extreme data" such as unstructured data (80% of data are unstructured).
- Deliver highly accurate, timely and useful results from data and insights (graphical, textual, IoT Data)
- Compress data to reduce the impact on the climate (storage, transfer, handling, etc.).
- Interactively visualize unstructured data, combining visual and non-visual and/or augmented reality elements.
- This last aspect will be treated with the ESTIA laboratory.

## 1. Complementary skills you need to your consortium : currently 1A3i and the ESTIA laboratory

- **SMEs specialized in non-visual and/or augmented reality** with knowledge about TRL 2-3 (like us)
- **SMEs specialized in textual or in IoT data (our competences are about graphical documents)** with knowledge about TRL 2-3
- **Laboratories specialized in Data Compression and/or Data Visualization and/or IA.**
- **The objective is a to build a *big consortium* (need by the call, in a *very short delay*) .**