

## PLATINE

Implementation of an architecture and a platform enabling organizations to assess and improve their level of interoperability to identify partnership opportunities more easily.



# PROJECT

### Inspiration

In an economy that is becoming more and more open, the future of companies depends on their ability to better cooperate with each other, in order to become more efficient, find growth drivers and develop new markets. Improving the interoperability of a business has become an essential factor in its development.

However, in our globalized world, interoperability can be hindered by numerous elements, such as divergent business strategies, different organizational systems, cultural gaps, the diversity of the standards used or even non-adapted processes. In order to enable businesses to better evolve in order to pursue their aims, to develop or to become part of competitive business ecosystems more easily, there is a way to make the implementation of new strategic partnerships easier.

### Innovation

With the PLATINE research project, LIST researchers will design a tool enabling businesses to assess their level of interoperability with third-party companies.

Taking into consideration the business strategy of the company, its processes, services and data, the platform developed must allow the actors to identify their improvement drivers to better consider partnerships with companies active in a given market.

Based on a system of interoperability between companies, the platform is also a decision-making support tool. Using the tool, businesses looking for partners likely to support them in their development can easily identify actors with whom they would like to cooperate more directly. The tool integrates text mining and machine-learning technologies, making it possible to see those best aligned with the business, based on a description of potential partners.

### Impact

The prototype that will be delivered at the end of the project must therefore allow organizations to improve their level of interoperability, as well as to identify good partners for the pursuit of their objectives. The tool will be implemented and tested within the Factory Group, a grouping of Luxembourgish businesses, in order to consider possibilities to improve collaboration between the entities.

After being validated, the approach could be applied on a much larger scale, for example, to support the international expansion of all economic actors. The idea of establishing a label translating an organization's level of interoperability could also be envisaged.

In this approach, businesses will find the means to become more interoperable, open up their systems and adapt their business and their procedures, in order to better position themselves within markets, on both a local and international scale.

### Partners

Université de Lorraine (FR)

### Financial Support

Fonds National de la Recherche

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