



With its new subsidiary Yxir, EDF launches an artificial intelligence offer for industrials

Originating from its intrapreneurial program, Yxir is the new subsidiary of the EDF group, which enables industrials, via Artificial Intelligence (AI), to control the quality of their products and services through the processing and analysis of data derived from their quality management system. With Yxir, EDF aims to address the issue of “sub-quality”, the cost of which for an industrial company amounts to approximately 9% of its turnover¹.

While industrial quality systems are full of useful information for improving production processes, the quality of finished products or even their design, barely 20% of the data is actually exploited². Often in different formats, many data are derived from unstructured text fields. Some of them simply do not have the quality required for statistical analysis. And all of them are usually dispersed in databases that don't communicate with each other.

Yxir's solution uses AI, and in particular language processing algorithms, to unlock the full potential intelligence of a quality system for industrial performance.

By creating a unique knowledge base that allows data to talk to each other, Yxir helps operations teams make the right decisions faster.

Concretely, in the event of an anomaly, a production manager will be offered resolution tracks based on the history or standard documentation. The quality engineer will identify, with a few clicks, weak signals or isolate recurrences and carry out more precise cause analyzes. Yxir's intuitive and innovative solution puts AI at the service of the human being to improve industrial performance.

"We are proud of the creation of this new subsidiary that complements the offer of the EDF group to our industrial customers. Thanks to its artificial intelligence solution, Yxir will enable industries to be more efficient and therefore more resilient. It will help the industry more globally towards achieving carbon neutrality, in line with the innovation strategy of the Group" Julien VILLERET, EDF Chief Innovation Officer.

About EDF

A major player in the energy transition, the EDF group is an integrated energy company, present in all business lines: production, transport, distribution, trading, energy sales and energy services. Leader in low-carbon energies in the world, the Group has developed a diversified production mix based mainly on nuclear and renewable energy (including hydropower) and invests in new technologies to support the energy transition. EDF's raison d'être is to build a CO₂-neutral energy future that reconciles preservation of the planet, well-being and development, thanks to electricity and innovative solutions and services. The Group participates in the supply of energy and services to approximately 38.5 million customers (1), including 29.3 million in France (2). In 2021, it achieved consolidated revenue of 84.5 billion euros. EDF is a company listed on the Paris Stock Exchange.

(1) Les clients sont décomptés depuis 2018 par site de livraison ; un client peut avoir deux points de livraison : un pour l'électricité et un autre pour le gaz.

(2) Y compris ÉS (Électricité de Strasbourg) et SEI.

¹ AFNOR, Costs of sub-standard quality in industry, 2017.

² https://ec.europa.eu/commission/presscorner/detail/fr/ip_22_1113, 2022.