

# DDS Pythia, S.L.

Turnover <sup>1</sup>



Employees <sup>2</sup>



Sales information

Main value chain Tier 1

<sup>1</sup> Less than € 1,500,000 - <sup>2</sup> Up to 20 employees

## Company description

DDS Pythia is a technology-based company specialising in the development of artificial intelligence solutions applied to the optimisation of industrial processes. Its main activity is focused on the design and commercialisation of predictive and intelligent tools for risk management, energy efficiency and strategic decision-making in real time.

DDS Pythia is a recently created Galician StartUp, however, the founding partners are scientists, researchers and have years of experience in projects involving artificial intelligence. The startup has scientific backing from academia, which demonstrates its ability to execute.

## Products and services

It is an advanced analytics tool designed to optimise energy consumption and improve risk management and strategic decision-making in industrial automotive plants. It combines causal, predictive and prescriptive analytics to offer a scalable and accurate approach to the digital transformation of industrial operations. Thanks to its scenario simulation capabilities based on real KPI data, PYTHIA provides a clear and forward-looking view of the impact that various variables have on processes and energy consumption in real time. Our goal is to drive more efficient, sustainable and profitable operations through informed, data-driven decisions.

Auxiliary services

### Automation and robotics

**Use cases**  
Optimisation of energy consumption based on real data in an Automotive Plant.  
Simulation of multivariable scenarios, where PYTHIA analyses how different factors (such as production, quality or energy consumption) relate to each other to identify the best operational scenario in the plant.  
In this success story, PYTHIA analysed critical variables such as plant production, number of models, quality, energy consumed and temperatures to model energy efficiency scenarios in real time.  
Through predictive analysis and simulation of different scenarios, the tool identified hidden patterns and specific recommendations to optimise electricity and heat consumption in the production process, dynamically adjusting to operating conditions.  
The result: reduced energy costs, improved sustainability and greater capacity for anticipation in industrial decision-making.

2. Energy optimisation in an automotive plant.  
In an industrial plant in the automotive sector, PYTHIA analyses the relationship between energy consumption (electricity and heat) and the production variables in the bodywork, painting and assembly lines.  
Thanks to the advanced modelling of correlations and the simulation of scenarios, PYTHIA makes it possible to identify hidden patterns, optimise energy use and reduce operating costs, while maintaining production efficiency.

## Processes and technologies

### Other technologies

Its proprietary techniques and models, which are not available on the market, offer a unique competitive advantage, allowing it to respond in a more agile and precious way to changing market dynamics and regulatory requirements. Pythia is the result of internal R&D, ensuring exclusive techniques that reinforce its competitiveness.

## Main customers

Rubí Automotive, Nissan, Seat and Bridgestone



## Contact

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