

Gestamp and Tecnalia win a European award for their smart system for energy efficiency in Industry 4.0

- *Each year, the DatSci Awards recognise the best European data processing and artificial intelligence initiatives and their application in industry and in society.*
- *Basque technology was the winner in the "Best use of Data Science/Artificial Intelligence for Industry 4.0" category as it fosters the transformation of the industry through digitalisation, data analytics and machine learning.*

16 September 2019. The Tecnalia research and technological development centre and Gestamp won the European award for their smart system for the diagnosis of energy improvements in industrial production processes for Industry 4.0. The DatSci Awards, promoted by the Big Data Value Association, recognise the best European Big Data, data processing and artificial intelligence initiatives and their application in industry and in society.

This September, the best initiatives in the past year have been announced and Basque technology is the winner in the "Best use of Data Science/Artificial Intelligence for Industry 4.0" category. Tecnalia and Gestamp competed in this category with entities of renowned prestige and experience, such as Accenture and Telekom Innovation Laboratories.

The technology, known as NAIA I4.0 (Neurtu eta Aritu Industrian Aurrezteko - Measuring and observing for savings in Industry) is a smart system for the diagnosis of energy inefficiencies at industrial plants. It has been co-developed by Tecnalia and Gestamp and has been validated in Gestamp plants since 2018. It has the support of the Basque Government's Business Development Agency, SPRI; through the Hazitek programme. NAIA I4.0 fosters the transformation of the manufacturing industry through digitalisation, data analytics and machine learning and is currently in the product development and industrialisation phase.

Press Release

This system applies data analytics techniques in such a way that the system learns the energy consumption cause and effect relationship and production at industrial plant level based on a set of historic readings for electricity, gas and compressed air consumption, measured at different levels, plant, process, machine. NAIA I4.0 helps the plant operator to understand the process consumption and carry out effective management which leads to significant economic savings without jeopardising the production.

This award recognises the work of Gestamp and Tecnalia in the field of digitalisation, as the European DatSci Awards, which have been awarded since 2016, are one of Europe's most prestigious distinctions in this field. They recognise the application of R&D and innovation in the field of data science in industry and the impact of science and European researchers on companies and society.

About Gestamp

Gestamp is a Spanish multinational specialised in the design, development and manufacture of highly engineered metal components for the automotive industry. It develops innovatively designed products to achieve increasingly safer and lighter vehicles, thereby reducing energy consumption and environmental impact. Its products include bodywork, chassis and mechanisms.

The company is present in 22 countries with more than 100 industrial plants and 2 under construction, 13 R&D centres and a workforce of more than 43,000 employees worldwide. Its turnover amounted to 8,548 million euros in 2018. Gestamp is listed on the Spanish Stock Exchange under the ticker GEST.

About TECNALIA

TECNALIA is a benchmark Research and Technological Development Centre for Europe; with 1,400 experts from 30 different nationalities, focusing on transforming technology into GDP to improve People's quality of life, by creating business opportunities for Companies.

For further information:

Itziar Blanco (+34 681 273 464)