



TSK
Growth through innovation

Our Company

SOLUTIONS FOR A SUSTAINABLE WORLD



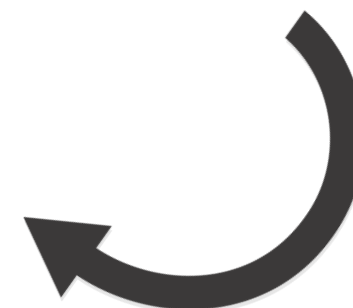
Our Company

TSK is a technological and services company that offers efficient, sustainable and digital solutions for the industrial and power sector.

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MARKET DIVERSIFICATION



Our Company

SECTORS DIVERSIFICATION

*Leader in the development of technologies
and services for industry and
and the power sector*



STEEL

CEMENT

PAPER

SUGAR

FERTILIZERS

GAS to POWER

PORTS

WATER TREATMENT

ENVIRONMENT

ENERGY

STORAGE AND TRANSPORT

OF RAW MATERIALS

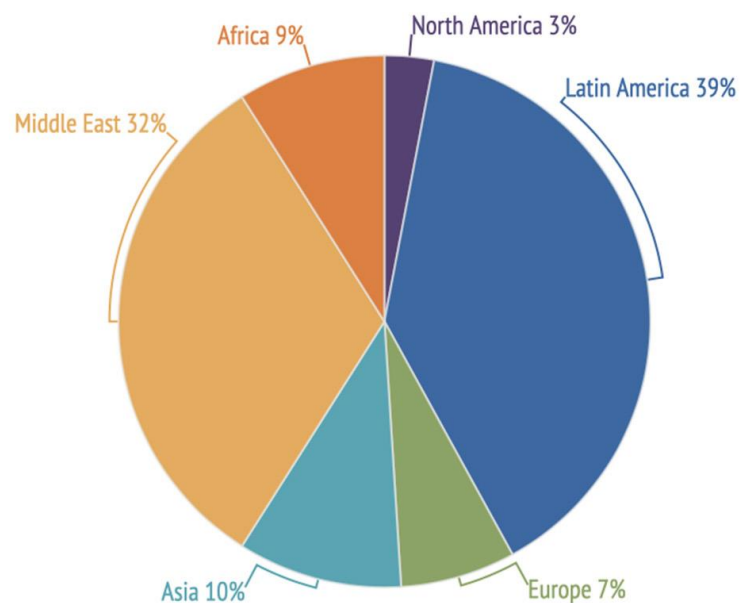
Our figures

SOLID AND SUSTAINED GROWTH

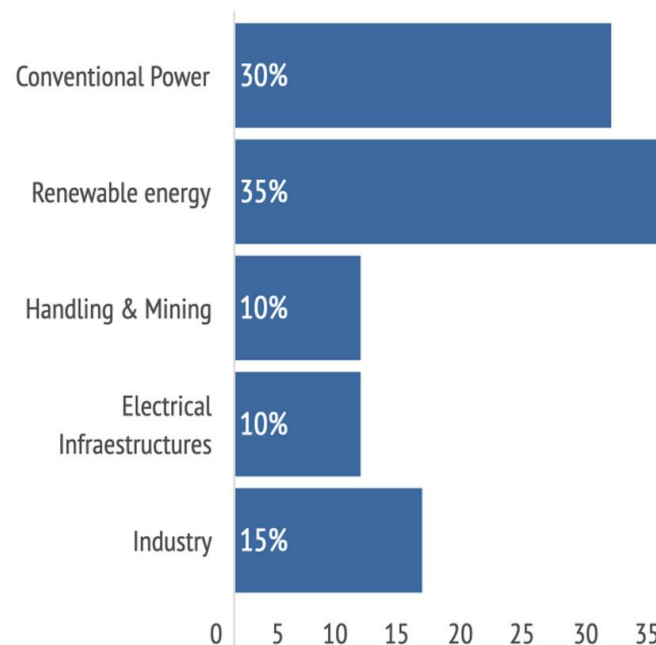
via internationalization, diversification
and acquisition of technology

06

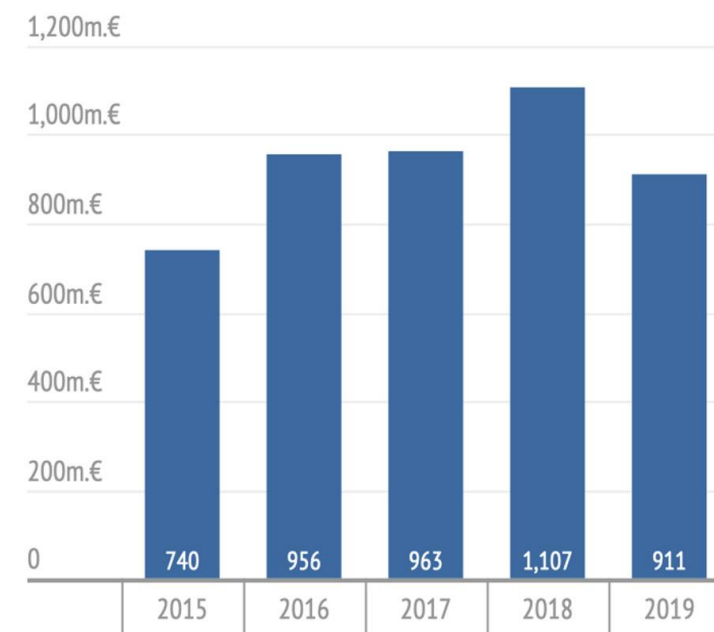
SALES BY MARKETS



SOLUTIONS



TURNOVER



Activities

***We develop solutions that help our customers
on the road to energy efficiency, decarbonisation and digitalisation of
their activities***

07



COST REDUCTION



PRODUCTIVITY INCREASE



ENERGY SAVINGS



DECREASE OF THE ENVIRONMENTAL IMPACT



IMPROVEMENT OF WORKING CONDITIONS

Activities

OUR SOLUTIONS

We work together with our customers, suppliers and partners to offer technologies and services that contribute to a more sustainable development

08

POWER



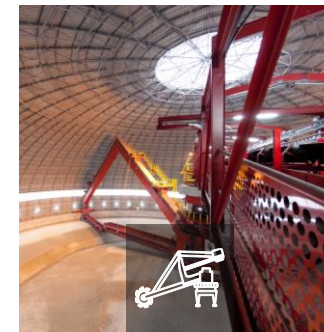
GAS to POWER



DIGITAL INNOVATION



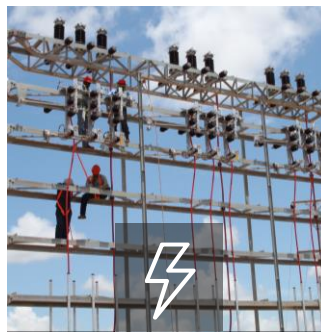
HANDLING



ENVIRONMENT



ELECTRICAL INFRASTRUCTURES



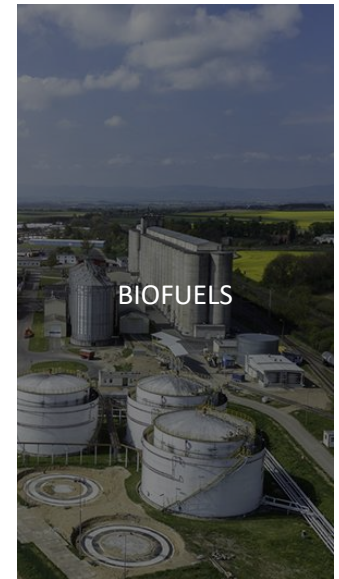
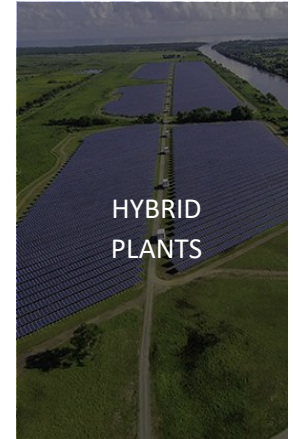
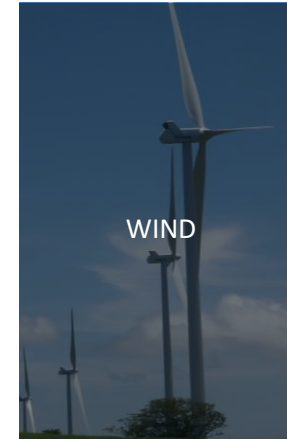
INDUSTRY



Our Solutions

RENEWABLE ENERGY

Within the Renewables sector, our solutions integrate a multitude of technologies in the most varied technical disciplines and sectors.





RENEWABLE ENERGY

By means of its subsidiary ESERSA, TSK carries out all the phases in the development of renewable energy plants..

PHOTOVOLTAIC
THERMOSOLAR
BIOMASS
HIDRAULIC
WASTE TO ENERGY PLANTS

WIND
GEOTHERMAL
HYBRID PLANTS
STORAGE PLANTS
BIOFUELS

FINANCING

Extensive experience in project finance for industrial and energy plants.

History of construction of renewable energy plants, both for third parties and in own developments, exceeding 10.000 MW.

ENGINEERING AND CONSTRUCTION

OPERATION AND MAINTENANCE

One of the main leaders in the provision of services within the sector, thanks to the experience acquired after 35 years of activity

TSK IN THE WORLD

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- **LAS FLORES Combined Cycle Plant 296.25 MW** C.T. LAS FLORES (Peru)
- **ATINKOU Combined Cycle Power Plant 420MW** (Ivory Coast)
- **KEKELI EFFICIENT POWER PLANT 65 MW Combined Cycle Power Plant** Lome (Togo)
- **Maritime aggregates export terminal.** Port of Fujairah, Dibba Bulk Handling Terminal (UAE)
- **Fertilizer conveyor system** OCP fertilizer plant (Morocco)
- **DUMAT AL JANDAL 400 MW wind farm** Al Jouf (Saudi Arabia)
- **SANTIBÁÑEZ 500 kV Substation** Cochabamba (Bolivia)
- **Ecological hopper for agri-food bulk** La CoopFédérée Terminal TERMINAL GRAINS (Canada)
- **System for reception, storage, transport and loading of bulk solids.** Bulk Terminal Pier 17, Port of Alicante (Spain)
- **Río Lindo Substation 138 / 69 kV Upgrade** Río Lindo (Honduras)
- **Coal and coke stacker-reclaimer** Port Talbot Steel Mill (United Kingdom)
- **Ivirizu Hydroelectric Plant 200 MW** Cochabamba (Bolivia)
- **Coke and sulfur handling system** Duqm Refinery (Oman)
- **CAÑAVERAL 138 / 13.8 kV Substation Upgrade** Cañaveral (Honduras)
- **Mobile ship loader for sulfur pellets** Port of Al Jubail. Berri Gas Plant ARAMCO (Saudi Arabia)
- **NOOR Midelt 800 MW Hybrid Solar Power Plant** (Morocco)
- **Complete coke handling system.** Amberes Refinery EXXON MOBILE (Belgium)



Activities

OUR SOLUTIONS

*# Energy flexibility in more than 30 countries
on 4 continents*

FLEXIBLE POWER PLANTS

The experience and knowledge accumulated for more than 35 years in the main technical disciplines, together with the digitalization of installations, has allowed us to develop innovative solutions for flexible power plants in more than 30 countries, from Indonesia to Bolivia, and in locations as diverse as Jamaica, Mozambique or Chile.

FLEXIBLE GAS POWER PLANTS

COGENERATION PLANTS



More than 200 plants worldwide

PHOTOVOLTAIC POWER

We are a world leader Company in Photovoltaic Power Plants,
with a track record of 16 years in which we have built more than
200 plants worldwide.

In total, these plants exceed 5,000 MW of installed power,
for many of which we have also managed the Operation and
Maintenance phase.

200 PLANTS EXECUTED

5.000 MW INSTALLED



*# One of the three companies
with the most references worldwide*

THERMOSOLAR POWER

16 PLANTS EXECUTED

+1GW IN OPERATION

With the experience accumulated since the early participation in 2006 in the pioneering Nevada Solar One Power Plant, in the USA, and following the acquisition in 2013 of the German technology company Flagsol, TSK has become a leader in the thermosolar energy sector, being one of the three companies with the most references worldwide in thermosolar energy and storage systems

In-house technical expertise for the development and optimisation of project efficiency

BIOMASS PLANTS

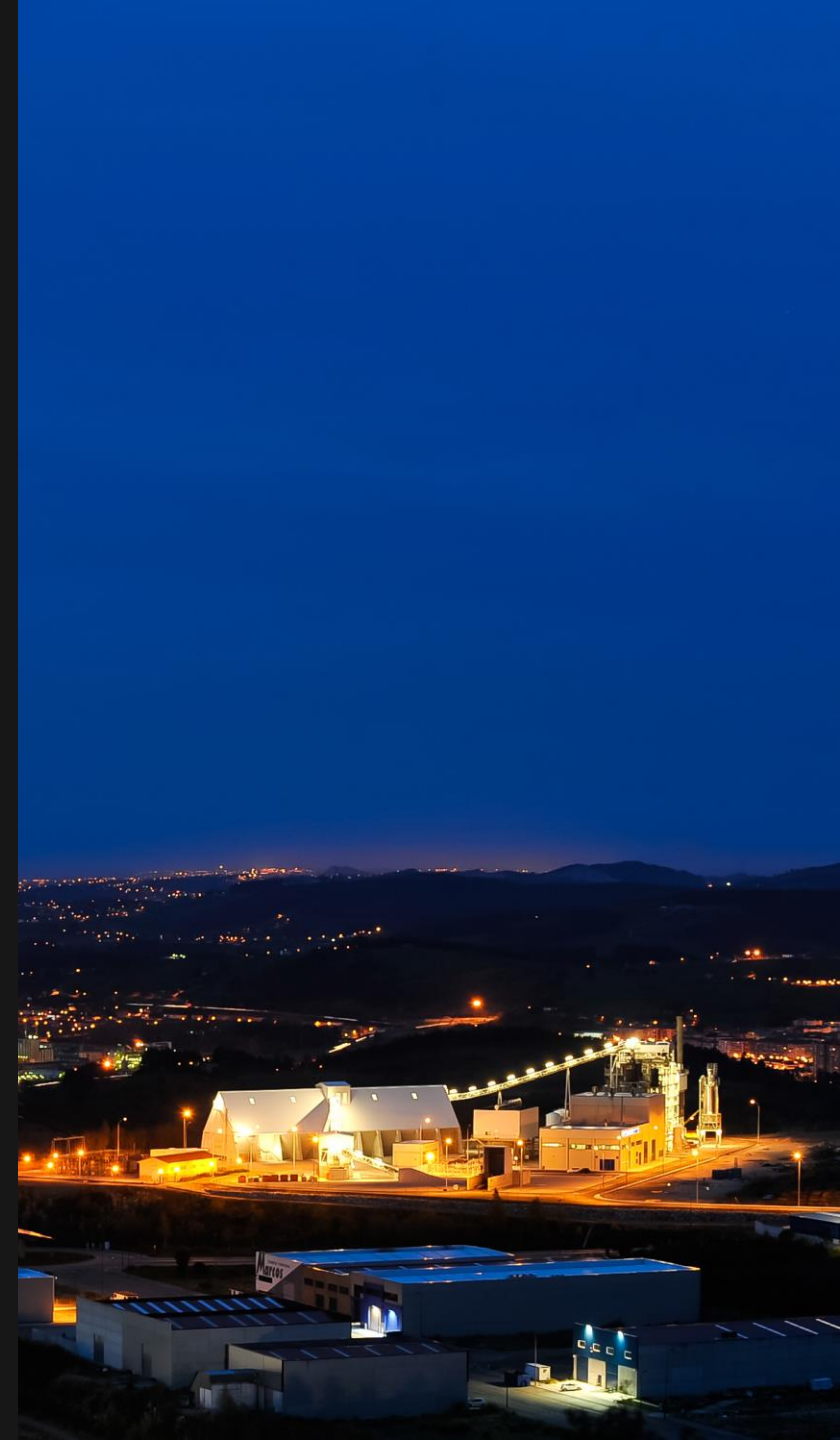
Following the acquisition of Power Plants from the INGETEAM group, TSK has become a reference in the biomass-based electrical energy sector.

THE USE OF BIOMASS HAS
IMPORTANT BENEFITS

Local Employment Opportunities

Sustainable management of resources

Environmental Benefit



30 years of experience in the sector

HYDROELECTRIC POWER PLANTS

The company's initial link with electricity projects led to its participation in the development and construction of hydroelectric plants

Since these initial projects of modest scope (1.3 MW) 30 years ago, TSK has continued to actively participate in this sector, currently executing worldwide projects.

Plants for the energetic recovery of waste

WASTE TO ENERGY PLANTS

In this type of plant, which uses urban, industrial or agricultural waste as raw material, energy is produced through a thermal process (combustion, gasification or pyrolysis) or through an anaerobic biological process whose end product can be electricity, biogas or a syngas.

INCINERATION

PYROLYSIS

BIOGAS



More than 25 years involved in the development of wind energy on an international level.

WIND FARM

Throughout its history, TSK has built a solid base of technical capabilities in the field of Wind Power generation ,that have been reflected in numerous unique projects, both in Spain and internationally.





One of the least known renewable energy sources

GEOHERMAL ENERGY

Until now, the use of this energy in the world has been limited to areas where the geological conditions were very favourable. However, the current technological advances in equipment and improvements in prospecting and drilling, allow us, today, to have technology for the production of electricity from geothermal resources of significantly lower temperatures than those required years ago.

Leader in the hybridization of technologies

HYBRID PLANTS

The rapid advance of renewables has prompted us to seek new ways of producing energy. The hybrid energy solution allows the integration of one or more renewable and conventional energy production assets with tailor-made storage systems, which increases the profitability of the projects.

Technologies for a sustainable future

STORAGE PLANTS

On a large scale, energy storage resources combined with renewables are equivalent in performance and could even replace the base load of thermal and nuclear power plants, in addition to increasing the reliability of electricity transmission and distribution systems and providing greater security of supply

LONG-TERM ENERGY
STORAGE ALLOWS FOR

The improvement of competitiveness

Balancing the grid

Increasing reliability

Reducing energy costs



Socially and environmentally friendly solutions to the energy problem

BIOFUELS

Biofuel production plants bring numerous environmental, economic, social and energy benefits:

- _____ **Lower cost**
- _____ **Greater efficiency**
- _____ **Renewable resource**
- _____ **Low emissions**
- _____ **Reduction of waste production**
- _____ **Employment opportunities**



Projects for the digitalisation of industry

DIGITAL INNOVATION

We develop high added value solutions that allow us to improve the value chain of our clients and optimize their performance, based on the enabling technologies under the protection of Big Data, Internet of things, Artificial Vision or Virtual Reality.

INDUSTRY 4.0

DIGITAL TRANSFORMATION

OT CIBERSECURITY

VISION SYSTEMS

IT PROJECTS



30 years of experience in the sector

ELECTRICAL INFRASTRUCTURES

Our professional background allows us to adapt quickly and reliably to the requirements of any international client, which has made us a leading company in the electrical equipment sector, developing power and control projects associated with new industrial installations, as well as innovations in existing installations.

*# We promote the preservation
of our planet's natural resources*

ENVIRONMENT

We have given special importance to the development of technologies aimed at the supply of drinking water, the purification of waste water and industrial effluents, and the use of sludge after its correct treatment, following the current 3Rs policy on waste (Reduction, Recycling and Reuse).

We have our own technology for containerized plants which are easy to transport, install and operate, making it the ideal solution for purification and emergency supply or for supplying drinking water to isolated populations.

WWTPs

DWTPs



Technology applied to industrial plants

INDUSTRY

The experience and knowledge accumulated over all these years in the most varied industries, together with the use of the most advanced technological applications, allows us to provide solutions for our clients from the design phase to the commissioning of different processing plants.

AGROINDUSTY

STEEL INDUSTRY

MINING

CEMENT

PAPER

*# An international reference with 50 years of
experience under its belt*

GAS to POWER

Due to the experience accumulated with their acquisition of Intecsa Oil&Gas, TSK has positioned itself as a global supplier of integral energy solutions Gas to Power with LNG as fuel or with its variants with LPG or fuel.

LNG TERMINALS

COMPRESSION STATIONS

GAS AND OIL PIPELINES

GAS TO POWER PROJECTS

UNDERGROUND NATURAL GAS STORAGE

FUEL STORAGE TERMINALS



Integral technological solutions from the initial feasibility stages to the commissioning of the facility

HANDLING

PHB Weserhütte is a leading technological company in the areas of material handling and mining, with more than 70 years of experience.


It develops material handling projects in various sectors such as port terminals, GAS to POWER, biomass, power plants, fertilisers, cement, agri-food materials, mining, etc.

STORAGE SYSTEMS

PORT EQUIPMENT

CONVEYOR BELTS





THANK YOU
FOR YOUR ATTENTION