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# WE BUILD IN KEY STRATEGIC SECTORS



# ABOUT THE CONTROL PROCESS GROUP

**CONTROL PROCESS S.A.** is one of the largest construction companies in Poland. It has been continuously active in the market since 1991, consistently providing customers with the highest quality of services and products. Control Process started off as a local company, which was initially dedicated to design, installation and automation start-up.

After more than twenty years of continuous development, starting up new specialized businesses and the takeover of competitive companies, it has evolved into a strong Capital Group with an established position in the Polish market and is fully operational on an international level.

Presently, the CONTROL PROCESS group consists of several specialized companies whose principal area of business is the realization of investments in key sectors of the economy, such as:

- mining, processing, transportation and storage of crude oil and natural gas,
- production and distribution of electricity and heat
- environmental protection facilities
- industrial installations and infrastructure facilities.

The ownership structure of the CONTROL PROCESS Group is based on Polish private equity. Consequently, it is characterized by its independence, both in terms of choice of business partners, as well as selection of technological solutions. This unique independence ensures delivery of the most beneficial and tailored solutions to customer requirements, each and every time.

# TIMELINE

1991 Marian Wiatr, current CEO of CONTROL PROCESS S.A., founds the company known as "Firma Automatyzacji I Pomiarów CONTROL PROCESS s.c."

**1994** Firma Automatyzacji I Pomiarów CONTROL PROCESS s.c begins providing services for the heating sector and participates in projects co-financed by the World Bank, with the aim of improving energy efficiency of Thermal Energy Enterprises.

**2001** After 10 years of dynamic growth and development in the gas and heat sector Firma Automatyzacji I Pomiarów CONTROL PROCESS s.c becomes "CONTROL PROCESS Sp.z o.o."

**2003** CONTROL PROCESS Sp. z o.o. starts focusing on turnkey investments. The first facilities include: "Natural Gas Mine Biszcza, Ksieżpol" and "Wastewater Treatment Plant in Jarosław".

**2004** The company performs its first major take over, acquiring the majority of shares in the Zakład Remontów Urządzeń Dźwignicowych Remdźwig Sp. Zo.o.

**2007** CONTROL PROCESS evolves into a public limited liability company. A year later it becomes CONTROL PROCESS Capital Group.

**2009** CONTROL PROCESS S.A. group realizes its first turnkey investment for the energy production sector: "Thermal Power Station – LMG Project".

**2012** CONTROL PROCESS'S revenue exceeds 500 million PLN, whereas the number of employees surpasses the 1000 mark.

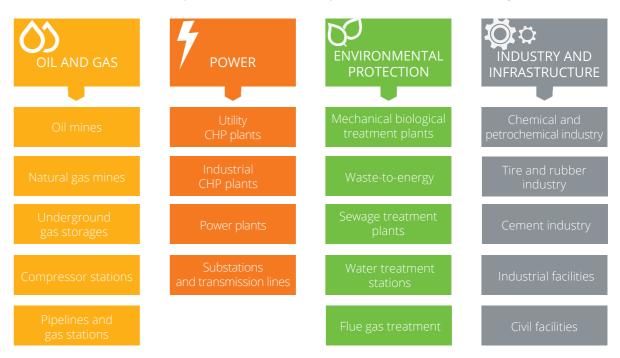
**2014** The CONTROL PROCESS S.A. Group creates 12 engineering and construction companies which attain several hundred million PLN in revenue and employ more than 1000 workers.

# Field OF COMPETENCE



# THE CONTROL PROCESS GROUP

The CONTROL PROCESS Group is active in the most important sectors of the economy:



CONTROL PROCESS S.A. operates as a General Contractor, which ensures its clients comprehensive implementation of complex projects. Focusing on several engineering construction companies with various specializations, the CONTROL PROCESS Group has the potential to guarantee full end-to-end project support.

# **ENGINEERING AND DESIGN**

- · development of technical concepts and profitability analysis for new and upgraded facilities
- · preparation of formal and legal documentation with all types of negotiated agreements
- · complex project implementation across all industries
- · process engineering
- · engineering, technical supervision

# **DELIVERIES**

- · materials management
- · optimization and logistics management
- · supply chain management
- · upplier subcontracting

# PREFABRICATION AND INSTALLATION

- · prefabrication of technological and construction equipment
- · prefabrication of electrical switchboards and control cabinets
- · complex construction and installation work across all industries
- · construction site management

# START-UP, SERVICE AND MAINTENANCE

- · Facility start-up
- · Building and facility maintenance
- · Providing long-term services for facilities
- · Extensive facilities management





# CONTROL PROCESS GROUP

The CONTROL PROCESS Group has highly skilled personnel, technical equipment and facilities that enable complex implementation of sophisticated technological tasks. All activities are conducted in accordance with implemented procedures, thus ensuring the highest quality of service.

# **OUR PERSONNEL**

Our staff is the major contributing factor to CONTROL PROCESS Group success.

From day one, our highly qualified technical staff's dedication and commitment has been the foundation of the company's success.

The Capital Group currently employs approximately 1,000 workers, of which 35% are graduated engineers of the best technical universities in Poland. The majority of these graduates already have several years of relevant work experience. The basis of Control Process Capital Group is far-reaching vision of development is dedicated staff policy, allowing its employees room for further development and motivates them to improve their competences. For many years, a work experience program has been running for students, enabling them to verify their acquired knowledge in real work conditions. CONTROL PROCESS offers the possibility of permanent employment for promising graduates with the highest potential.

### TECHNICAL POTENTIAL

CONTROL PROCESS project capabilities include laboratories equipped with complex engineering stations with specialized design software and printing equipment.

Assembly plants with an area of 8000 m<sup>2</sup> located across the whole country, along with modern construction and transportation equipment, enable the CONTROL PROCESS Group to deliver high-quality of services.



Thermal power plant as part of the Oil and Natural Gas Mine in Lubiatów



Jarosław II Gas Compressor Station



Międzychód Gas Processing Plant at the Oil and Natural Gas Mine in the Lubiatów region



Underground gas storage facility in Kosakowo



Wastewater treatment plant in Przemyśl



Cogeneration gas power plant in EC Mielec

# Sector OS

**CONTROL PROCESS** is the leader in the realization of oil and natural gas facilities in Poland. CONTROL PROCESS Capital Group companies have participated in key investments regarding extraction, storage and transportation of hydrocarbons in the country, such as natural gas and crude oil mines, gas compressor stations, underground gas storage facilities as well as transmission infrastructure facilities.



# CASE STUDY

### GAS COMPRESSION STATION JAROSLAW I

Improvement of gas distribution system output in southern Poland

A consortium headed by the company Control Process S.A., implemented a "turnkey" modernization of the Gas Compressor Station, Jarosław II. Lasting only 18 months, the project involved demolition of old buildings and complex construction of the new facility, which is now used for gas compression imported from the Ukraine and mines located in the Jarosław and Przemyśl regions. The new gas compression station's capacity allows for the delivery of gas, essential for gas fuel supply to as many as 480 000 households.

# SAMPLE PROJECTS

- · Reconstruction of the gas distribution node in Gustorzyn (2012-2013)
- · Construction of the Underground Gas Storage Facility in Kosakowo (2011-2013)
- · Expansion of the Natural Gas Mine in Przemyśl (West) (2011-2013)
- · Construction of a gas compressor station in the Underground Gas Storage Facility in Strachocin (2010-2011)
- · Construction of the Gas Compressor Station in Jarosław II (2010-2011)
- · Development of natural gas reserves in Jasionka II (2009-2010)
- · Reconstruction of the gas distribution node in Rozwadów (2009-2010)
- · General implementation of borehole zones and gas processing plant at the Oil and Natural Gas Mine in Lubiatów (2009-2013 )
- · Development of natural gas reserves in Kupno (2008-2009)
- · Expansion of the Gas Compressor Station in Wilków (2006-2008)

# FIELD OF COMPETENCE

# EXTRACTION

- · Natural oil and gas mines
- · Crude oil and natural gas processing and treatment installations

# TRANSFER AND STORAGE

- · gas compressor stations
- · underground gas storage facilities
- · pipelines
- · gas system nodes and stationse

# Sector POWER

**CONTROL PROCESS** deals with comprehensive implementation of facilities across all energy sectors - from production and transfer through distribution to the final customer. The recipients of these investment projects are both industrial and power clients.



# CASE **STUDY**

THERMAL POWER PLANT IN KWK KRUPIŃSKI

Safety and economical-effectiveness

Methane is an odourless and colourless gas with highly explosive properties. Until now, miners had considered methane as a dangerous safety threat. In 2010 and 2011, CONTROL PROCESS S.A for JSW S.A., realized an installation based on a gas engines plant, designed especially for the production of energy in cogeneration gas from drainage for KWK Krupiński in Suszec. Implementation of the installation has improved safety while increasing the economic efficiency of the mine.

# SAMPLE PROJECTS

- · Modernization of Wygoda Power Station 110kV (2014-2015)
- · Design and comprehensive implementation of a gas-oil boiler plant with capacity of 114 MWt in ZW Katowice (2014-2016)
- · Construction of gas boiler and gas engines with electricity generators at IV ZEC S.A "Murcki" (2014-2015)
- · Construction of an electrical turbine set with electrical capacity of approx. 50 MW in ZW Nowa, Tauron Heat S.A (2013 2015)
- · Modernization of the Kowary Power Station 100 kV (2013 2014)
- · Design and construction of a gas engine with an electric generator at IX ZEC S.A "Wesola" (2013-2014)
- · Construction of a cogeneration system at XII ZEC S.A "Śląsk" (2013)
- · Construction of a high performance cogeneration system in the Mielec Thermal Power Station (2010-2011)
- · Construction of a thermal power station as part of an investment in the LMG Project (2009-2012)
- · Construction of gas-powered cogeneration system in coal mine drainage in KWK Krupiński (2010-2011)

# FIELD OF COMPETENCE

# CHP POWER GENERATION

- · Thermal power stations
- · Powerhouses
- · Biomass and biogas power plants

### TRANSMISSION AND DISTRIBUTION

- · electrical substations
- · power grids



# **ENVIRONMENTAL PROTECTION**

**CONTROL PROCESS** comprehensively implements projects related to the construction or expansion of environmental protection facilities. Subsidiaries of local and central administration, associations of municipalities and private investors all have taken advantage of the provision of these services. The CONTROL PROCESS Capital Group offers solutions especially designed to protect water resources, manage municipal waste, recover raw material and energy from waste and protect the air with the use of gas cleaning systems.



# CASE STUDY

# CENTRAL WASTEWATER TREATMENT PLANT: TARNOWSKIE GÓRY Correct wastewater management

Running a proper wastewater treatment plant is a major challenge for the local administration authorities. The Tarnowskie Góry municipality, which runs a reasonable protection of water resources development policy, has consistently implemented a series of projects entitled: "Construction of stormwater drainage and sewage treatment plant in Tarnowskie Góry". CONTROL PROCESS S.A. was selected as the general contractor for the construction of the Central Wastewater Treatment Plant, which is a key investment in the aforementioned projects and plays a significant role in the recovery of surface waters and groundwater reservoirs used as drinking water for the Silesian agglomeration.

# SAMPLE **PROJECTS**

- · Construction of Mechanical-Biological Municipal Waste Treatment Plant in Olsztyn (2013-2015)
- · Construction of Mechanical-Biological Municipal Waste Treatment Plant in Stalowa Wola (2013-2015)
- · Construction of Waste Management Plant in Lulkowo (2013-2015)
- · Construction of the Central Wastewater Treatment Plant in Tarnowskie Góry (2008-2011)
- · Modernization of the Water Treatment Plant in Zbylitowska Góra (2008-2009)
- · Expansion and Modernization of the Sewage Treatment Plant in Przemyśl (2007-2008)
- $\cdot$  Modernization of the tailings pumping station at KGHM Ore Enrichment in Lubin (2006-2007)
- · Upgrade of the Wastewater Treatment Plant in Jarosław (2004-2005)

# FIELD OF COMPETENCE

# WATER AND SEWAGE TREATMENT

- · sewage treatment plants
- · water treatment plants
- · sludge drying

# DEVELOPMENT AND UTILIZATION OF MUNICIPAL SOLID WASTE

- · mechanical-biological treatment
- · thermal waste treatment

# AIR QUALITY PROTECTION

- · flue gas desulphurisation installations
- · denitrification installations
- · flue gas removal installations



# INDUSTRY AND INFRASTRUCTURE

**CONTROL PROCESS** realizes projects for leading production and processing industries, as well as projects connected with infrastructure and public utilities. The CONTROL PROCESS Capital Group offers general contracting for industrial and infrastructure construction facilities, as well as design, supply and installation of individual systems and technological lines of already existing facilities. CONTROL PROCESS has extensive experience in working for companies in the following sectors: fuel energy, chemical, metallurgical, cement, and public sector.



# CASE STUDY

# SOLVENT PRODUCTION PLANT AT THE OIL REFINERY IN JEDLICZE The largest production plant in Poland.

CONTROL PROCESS S.A. participated in the construction of the largest and most modern solvent production plants in Poland. Owned by the Jedlicze refinery, the plant produces high quality desulphurized and low-aromatic solvents at both national and international demand. These solvents are key components in paints, varnishes and adhesives. The production capacity of the completed installation covers more than half of the national demand for the product.

# SAMPLE PROJECTS

- The installation of Control and Measurement Instruments and Automation for the Cemex Cement Plant in Chełm (2011-2012)
- · Modernization of the control and supervision system for "Mała Panew" PGE Opole Power Plant (2010)
- · Modernization of CO<sub>2</sub>gas removal from ammonia synthesis gas for ZA Pulawy SA (2009)
- Design, supply, installation and start-up of the chromium reduction installation with the "turnkey" formula in the Cement Plant in Rudniki for Cemex Poland Sp. with o.o (2009)
- · Modernisation of the packaging and shipping of nitrate fertilizers for the Nitrogen Plant in Tarnów - Mościccy SA (2008-2009)
- · Purchase, assembling, and commissioning of the heating and ventilation systems for the new part of CWD for TC Debica S.A. (2007)
- ·The implementation of the construction works of a mechanical nitrate fertilizer granulation for the Nitrogen Plant in Tarnów Mościccy SA (2007-2009)
- · Complete implementation of installations in the project entitled: "Installation for the production of solvents" for the JEDLICZE S.A. Oil Refinery (2007)
- · Complex implementation of both the electrical and control and instrumentation installation, as part of the Construction of Radiotherapy Centre project at the St. Luke Provincial Hospital in Tarnów (2005-2008)

# FIELD OF COMPETENCE

COMPLETION OF FACILITIES AND SPECIALIST INSTALLATIONS

- · chemical industry
- · fuel and petrochemical industry
- · cement industry
- · tyre and rubber industry
- · metallurgical industry
- · construction of public utility and municipal infrastructure facilities

# QUALITY ASSUrance

Providing the highest quality of service has been the priority from the outset for the CONTROL PROCESS Capital Group. All investments are completed on the basis of specified procedures which guarantee the highest quality, a high level of security, and respect for natural resources during realizations. Certificates of compliance with standards held by the companies include, among others: PN-EN ISO 9001: 2008, PN-EN ISO 14001: 2004, PN-N 18001: 2004 and AQAP 2110: 2009. Appropriate management of the entire investment process enables the delivery of services to the level expected by the investors in such demanding industries such as energy, gas, petroleum and chemical industry, environmental protection and public sector. Companies belonging to the CONTROL PROCESS Group have a number of certificates, permissions, approvals and licenses, all necessary for the implementation of specialized work. Whatever the nature of the activities carried out by the operator, the procedures used to ensure quality at every stage of the investment process:

- · delivery,
- · fabrication and installation,
- · commissioning and start-up
- · service and maintenance.







# Awards AND PRIZES

The quality and professionalism of entities in the CONTROL PROCESS Group have been repeatedly recognized and rewarded by both the market environment, opinion-forming organizations and centres, as well as by trade associations, which have granted them numerous awards and honours. The CONTROL PROCESS Group have time and again received the Award of Distinction which proves high quality of service, awarded by both professional organizations and satisfied customers. Many of the awards and distinctions are worth quoting, such as:

- "Forbes Diamond"
- "European Medal"
- "Leader of Polish Business"
- "Business Gazelle"
- "Diamond added to the Polish Business Leader Golden Statuette"

Despite having received many prestigious awards, CONTROL PROCESS always distinguishes the satisfaction of its customers.

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