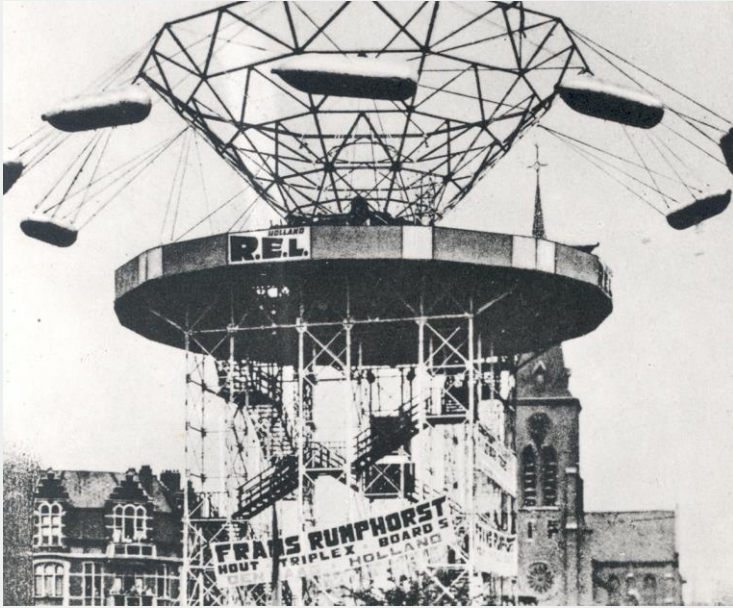


# COMPANY HISTORY

FROM PIONEER IN RECONSTRUCTION TO GLOBAL BUSINESS PARTNER



## 1945 - 1950

Bilfinger Tebodin was founded and established in the period of post-war reconstruction in the Netherlands. Its original name N.V. Nederlandsch Technisch Bureau voor Ontwikkeling der Industrie (abbr.: **TEBODIN**, which stands for Dutch Technical Agency for the Development of Industries) describes the company's original objectives: to make an active contribution to the technical and economic development of post-war Netherlands.

## 1950 – 1960

### National reconstruction

From a one-person venture starting in 1945 with Mr. F.K.Th. van Iterson in The Hague, the business soon grew in number of expertise staff and orders from the government.

Bilfinger Tebodin teams-up with clients and drive innovation with integrated consultancy and world-class engineering solutions. Combined with professional project- and construction management, Bilfinger Tebodin delivers excellence wherever the projects are located. Bilfinger Tebodin can count on the expertise, experience and passion for technology of many industry-focused specialists around the world. We make ideas work.

The projects in the start-up period of Bilfinger Tebodin were mainly centered on gas and steel. It was Mr. Van Iterson's expertise which led to the insight that the energy supply for heat and cooking should change from local generation (in gas plants) to central production distributed via pipelines through-

out the Netherlands. With the discovery of natural gas the design and construction of pipelines was eventually carried out in the sixties.

Amongst Bilfinger Tebodin's first designs were a cokes gas plant in Vlaardingen (the first central gas plant - never realized due to political reasons), the transport of earth foam by means of tipper wagons on the Frisian-Groningen beet root sugar plant and the renovation of the gas holder in the Zuidergasfabriek in Amsterdam. The odd one out was the design of a 35 meters high construction of a whirligig (the rocket tower), a very special funfair attraction for that time.

In the fifties the construction of the basic industries as economic driving force of the Netherlands had complete priority. Among Bilfinger Tebodin's principals were the Royal Dutch Salt Industry ('KZN') in Hengelo, the General Rayon Union ('AKU') in Arnhem, the Royal Dutch Yeast Fermentation and Spirit Distillery ('Gist- en Spiritusfabriek') in Delft and the First Dutch Cement Industry ('ENCI') in Maastricht. They were all economic pioneers, who up to this day involve Bilfinger Tebodin in the realization of their projects.

In 1951 the daring design of a triple underwater gas pipe of 4,200 meters in length through the Westerschelde was approved and turned into a great success. Tremendous performances were put up in electric welding, among other fields.

Due to the fast expanding order portfolio, the staff of engineers increased from 15 in 1950 to 130 employees in 1960: as work delivered by third parties often did not agree with designs and calculations of the firm, engineers from other disciplines were involved. The design of the sodium carbonate plant in Delfzijl, which was a project of the 'KNZ' as part of the Marshall Aid Plan, led to the actual foundation of an Architectural Engineering Department in Hengelo. Thus the first Bilfinger Tebodin office outside The Hague was established.

As a result of the relations of various clients with the authorities in Curaçao, Bilfinger Tebodin got involved in the first large overseas project in 1959: design, tendering, supervision of the construction, and the commissioning of the water plant Mundo



Nobo on Curaçao.

## 1960 - 1970

### Natural gas

Already in the first half of the fifties the development of natural gas sources started in the north of the Netherlands. Bilfinger Tebodin was involved practically from the beginning. When the gas field of Slochteren was discovered in 1960, it resulted in a boom of activities. Bilfinger Tebodin traced, designed, and calculated hundreds of kilometers of transport lines of the national natural gas network. When client Gasunie moved its head office from The Hague to Groningen, Bilfinger Tebodin moved with them and established an office in the northern province.



As a result of the steady growth of the number of orders, the number of personnel increased to over 600 employees. In 1968 about 400 employees were located in the office in The Hague. At this point the shares of Bilfinger Tebodin came entirely into the possession of HBG, Nederlandsche Beton Groep nv in Rijswijk, the Netherlands.

The sixties showed the versatility of Bilfinger Tebodin: projects varied from a coffee-roasting house for Douwe Egberts in Belgium to a glass wool insulation plant in Etten-Leur; from a welded steel bridge near Hasselt (Belgium) via the building of Reactor Center Petten to the air conditioning installations of the Technical College Twente. These projects created the basis for a decentralized, multi-disciplinary consultancy and engineering firm.

## 1970 – 1980

### Oil crisis

As a consequence of the oil crisis in 1973, reserved investment policies were made by the industries which lead to an automation incentive: fine tuning of the production processes and the adjustment of existing installations were preferred to new constructions in the industry. In many fields the crisis worked as a source of inspiration. The construction of an oil production platform for the Dunlin-A field in the North Sea is seen as one of the technological milestones. Among other things, Bilfinger Tebodin was responsible for the design and





construction management of the several (pipeline) systems inside the concrete colossus.

The increasing flow of money towards the Middle East in the 1970's also led to the start of activities in the United Arab Emirates. Bilfinger Tebodin designed a gas transport line of a few hundred kilometers across the desert in Abu Dhabi. After engineering various other water and gas transport lines, an operation in the Middle East was established.

#### 1980 - 1990

##### Environment

In the 1980's the government's part concerning industrial investments focused more and more on environmental aspects. For clients the refinement of products and production processes was one of the main solutions to the strict environmental requirements. Furthermore, district heating was introduced, local oil fields were further developed, and various



flue gas treatment installations were developed, for instance at the coal fired power station Maasvlakte. The move of the vegetation protection agents' plant of Aagrund from Groningen to Delfzijl and studies concerning port reception facilities were other examples of projects that focused on the environment. In the civil discipline the more sophisticated design of building installations appeared to be a large contribution to energy saving. Some examples were realized by Bilfinger Tebodin in

the Agricultural University in Wageningen (laboratory) and in the Omniversum in The Hague (cinema hall). For Amsterdam Airport Schiphol Bilfinger Tebodin designed an energy management system.

A highlight and immense breakthrough for Bilfinger Tebodin in many ways in this decade was Fuji Photo Film's choice for Tilburg as business location. Bilfinger Tebodin designed the high-tech production facilities and realized them in an unprecedented short period of time in accordance with the Japanese approach.

In 1985 the number of employees at Bilfinger Tebodin reached a milestone: 1,000. As a result of the opening of area offices in Beverwijk (1985) and Eindhoven (1987), Bilfinger Tebodin was present in all condense industrial areas in the Netherlands.



#### 1990 - 2000

##### European home base

Even though Bilfinger Tebodin's multidisciplinary and geographical basis had been broadened in the proceeding period, the market asked for an even broader basis. The fall of the Iron Curtain involved an enormous demand of knowledge in former East Germany and the other Central and Eastern European countries, and many businesses were relocated elsewhere in Europe or beyond. As a consequence, Bilfinger Tebodin offered its clients offices elsewhere in Europe in addition to the national network.

Multinationals, such as SC Johnson, Philip Morris and Kraft Jacobs Suchard started businesses in Ukraine. Their local investments contributed to a strong growth of Bilfinger Tebodin in Ukraine. In Poland the company acquired a project management order of Philip Morris for the complete upgrading of the ZPT cigarette production plant in Krakow.

The preparations for EU membership of many countries again lead to extensive projects for exchanging knowledge in the fields of energy, environment and water technology. Bilfinger Tebodin took care of the management for this in a consortium



on request of the European Commission. With the integration of its holdings in Germany, Hungary and the Czech Republic and the consolidation of its network of offices, Bilfinger Tebodin has made Europe its home base. More than half of its 2,000 employees work in offices outside the Netherlands.

## 2000 – 2010

### Global business partner

In the first years of the new century, strong growth in the automotive sector was matched in the chemical, biotechnology, pharmaceutical and foodstuff industries. Bilfinger Tebodin acquired a majority interest in Sindat Engineering in the Czech Republic, and a significant interest in engineering firm SAP-Projekt in Poland and became full owner of this company in 2005. In 2001 Bilfinger Tebodin took over Cebeco Consulting Engineers to strengthen its position in the agricultural market.

Bilfinger Tebodin in the Middle East is an increasingly important part of the companies' network. An assignment for PDO (Shell) led to a new office in Oman in 2002 and a new office was opened in Qatar in 2003.

The business is growing in the Middle East. Not only in the oil & gas industry, but also in water distribution, factory construction and infrastructure.

In 2004 Bilfinger Tebodin started in Asia Pacific region to strengthen its presence in China.

In 2005, Bilfinger Tebodin secured its largest assignment ever. A lump-sum turnkey project for underground gas storage, involving about 100,000 man hours.

A new five-year framework contract with NAM for gas extracting and processing plants was secured, and a large underground gas storage project for Nuon. Bilfinger Tebodin was able to consolidate and extend the European network with several new offices. Smits Tebodin was established in Belgium and engineering firm Doebel & Folger acquired in Germany. For the first time in Bilfinger Tebodin's history, more profits had been generated outside than inside the Netherlands at the end of 2007.

For most organizations worldwide, 2009 was a difficult year. Bilfinger Tebodin was no exception and was also hit by the economic crisis. Everywhere sales stagnated. At the same time, the world crisis offers opportunities and markets with large potential. Bilfinger Tebodin increased its sales efforts and improved its inter office cooperation bringing a lot of new



clients. The company even started in new countries: in Vietnam and in the Kingdom of Saudi Arabia.

The Oil & Gas and Energy sector offers opportunities and underground gas storage projects are becoming a niche for Bilfinger Tebodin.

Because of the European Football Championships in 2012, that took place in Poland and Ukraine, Bilfinger Tebodin was busy with many infrastructure projects. In Ukraine for example, projects at Lviv and Boryspil airports have been executed and in Poland, Bilfinger Tebodin was involved in a number of road projects.

## 2010 and beyond

### Part of Bilfinger

In the Asia Pacific region, Bilfinger Tebodin showed a rapid growth with new offices in various countries. With the expansion of the office network, Bilfinger Tebodin was able to





serve an increasing number of international operating clients with a broad scope of consultancy and engineering services. A number of significant framework agreements was signed. In Oman, the joint venture Special Technical Services (STS) and Bilfinger Tebodin were awarded the Engineering and Maintenance Contract (EMC) North by Petroleum Development Oman (PDO). In the Netherlands, NAM and aQuaintance signed a 5-year contract for the engineering, procurement and implementation of all NAM onshore projects. aQuaintance is a new created company with Cofely, Bilfinger Tebodin and A.Hak Leidingbouw as shareholders. In Belgium, Bilfinger Tebodin signed a long-term framework agreement with BASF for plant changes in Belgium.



'Sustainability' became more and more an important topic within the industrial markets. More often, clients are taken responsibility for their environment and so did Bilfinger Tebodin. Based on the broad experiences, Bilfinger Tebodin was able to support companies by improving the sustainable values of its services and offering innovative smart and sustainable solutions. Examples of projects are: wind energy and, biomass projects in Central Europe, energy savings project for steel plants in Ukraine, Cradle to Cradle certification projects mainly in North West Europe and LEED/BREEAM certification projects worldwide.

In April 2012 the consultants and engineers became part of Bilfinger, an international industrial services provider. The activities of both companies were a good match in many ways. Being part of Bilfinger offers Bilfinger Tebodin's clients an interesting platform that offers a broad scope of services. On January 1, 2014, Bilfinger Tebodin changed its visual identity to show being a Bilfinger company.

The operations in the Asia Pacific region were sold to Archetype in 2016. The multidisciplinary construction consultancy, established in 2002 in Vietnam, reinforces their market presence in various countries in Asia Pacific region.

## Engineering & Technologies

**Bilfinger Tebodin**  
[www.tebodin.bilfinger.com](http://www.tebodin.bilfinger.com)



In 2018, the company name changes into Bilfinger Tebodin. This name change emphasizes that the company is an integral part of Bilfinger. Based on a long-standing reputation as global independent consultants and engineers, with local execution, Bilfinger Tebodin fulfils an essential key role in Bilfinger's overall strategy. With a strong focus on the further development of its global business, Bilfinger Tebodin can offer their customers a broader range of services. Making ideas work.