

# A futureproof animal feed factory

ANIMAL FEED MANUFACTURER ABZ DIERVOEDING HAS RECENTLY BEEN MADE FUTUREPROOF WITH A NEW TANK PARK, WITH ROOM FOR EXPANSION, AT THEIR PLANT IN EINDHOVEN, THE NETHERLANDS. HIGHER VOLUMES AND QUALITY ARE EXACTLY WHAT THE FAST-GROWING ANIMAL FEED MARKET NEEDS.

Animal feeds play a leading role in the global food industry and feed is the decisive component in ensuring safe and affordable animal proteins. Global feed production is fast approaching an estimated 1 billion tonnes annually, with an annual turnover of over US \$400 billion.

## Significant growth food production

The UN Food and Agricultural Organization (FAO) predicts that the world will have to produce about 60%

more food by 2050, and the International Feed Industry Federation (IFIF) believes that global meat production will double.

As farms grow in size and scope, feed mills need to grow accordingly, and adjust to trends such as slower animal growth and reduced use of antibiotics, as a consequence of consumer demand for improved animal welfare, especially in dairy and poultry markets. The whole value chain is involved in further developing precision feeding.



Marcel Roordink

## From scratch to completion

Mr. Marcel Roordink, Managing Director at ABZ Diervoeding, explains: 'In 2013, our local authority asked for information on our zoning plans for the coming years, so we sat down with Tebodin to discuss our expectations and desires.' ABZ Diervoeding asked Tebodin to ensure increased and higher quality production, and uniformity between its plants.

## Master plan

'The primary need was a rolling mill to pre-treat our grains, which we built first,' says Mr. Roordink: 'For the second requirement, a wider variety of liquids, we built a tank park, including two pump rooms and an electrical equipment room. The tank park is located a short distance away to keep plenty of space for future expansion, and is connected to the existing plant by a multifunctional pipeline and pedestrian bridge.' All future options were described in a master plan for the next ten years, which was communicated to the local authority.

## All in-house

Mr. Roordink: 'We started from scratch, with a sketch of the desired situation, and ended up with detail designs, permit requests, tendering, construction management, and so on. For us, as a client, it's wonderful that Tebodin has all those disciplines in-house.' In fact, Tebodin did so much work on the plant, in 1985 and now, that ABZ Diervoeding informally calls it the 'Tebodin plant'. ■