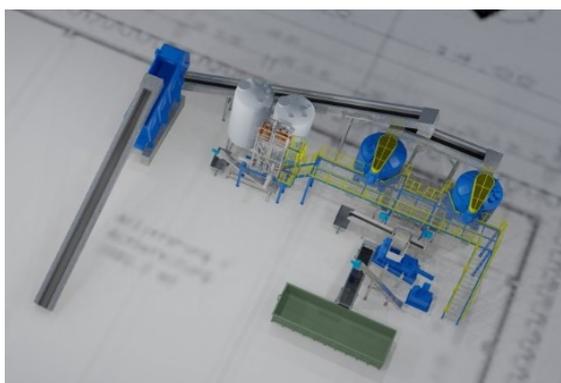


In order to be able to offer **optimized solutions for waste treatment and anaerobic digestion from just a single source**, two of the leading players in the biogas sector and with together almost 60 years of experience have joined forces under one roof in the Agraferm Group:

BTA International GmbH, 2007 from the company founded in 1984 as BTA Biotechnische Abfallverwertung GmbH & Co. KG., is the leading specialist for the wet-mechanical (pre-)treatment of all types of organic waste up to household waste as well as the further processing of the purified organic suspension.

The **BTA® Hydro-mechanical Treatment** is characterized by its flexibility and powerful very efficient removal of impurities. This makes the operation reliable, minimizes disposal costs, maximizes the biogas yield and last but not least ensures the quality of the digestate. The combination of this unique pre-treatment with a subsequent wet digestion to use the separated organic matter is known as **BTA® process**. The first industrial waste treatment plants using the BTA® process were already built in the 1990s and are still successfully operating for the most part.



Since then **over 50 plants world-wide** have been designed and constructed according to the BTA® Process or with key components from the wet mechanical pre-treatment with a total capacity of approx. 1,8 million tons per year (see reference list). Almost 186 million Nm³ biogas are annually produced in BTA Plants, which corresponds to approx. 104 million Nm³ natural gas.

The close cooperation with the Italian company Biotec Sistemi S.r.l., allowed a continuous **development and optimization** of the main components of the BTA® Hydromechanical Treatment. In 2019 the company was formally integrated into the group of companies as **BTA Italia GmbH**.



Agraferm GmbH, a supplier of complete digestion systems, has nearly 20 years of experience in the international biogas market. Starting from the German boom with energy crops, Agraferm developed an intensive fermentation with minimal recirculation of process water and correspondingly minimal fermenter volume with the same retention time. Since then, the patented process has been extended to further solid residual materials such as straw, manure, chicken manure or food waste in general. Agraferm's projects have received several awards.

BTA International GmbH and Agraferm GmbH offer engineering services based on almost four decades of experience, proven and patented treatment systems, customized fermentation solutions and turnkey plants.

An experienced **After Sales Service** completes the program.

A close contact and constant exchange with our customers is our goal. On this basis, we can learn from operating experience and constantly optimise our products and plants.