Operating throughout Europe, agriKomp GmbH is a company specialising in the development and manufacture of biogas plants. All the major components of the plants are manufactured in-house. Owing to their modular design, they can be added to at any time, providing a very high level of flexibility. The digestion process uses liquid manure, dung, green material, silage and cereal. The key components of the biogas plants have to be made of a material with maximum corrosion resistance. Therefore, agriKomp GmbH opted for SIMONA® PE 100.
SIMONA® PE 100 – the proven material for eco-friendly energy production

Initial situation
As a renewable and versatile source of electricity, biogas helps to make energy supply both safe and climate-friendly, which is very much in demand at present. In the light of this, the construction of biogas plants for energy production is becoming more and more important. The plants supplied by agriKomp GmbH have been running successfully for 15 years now. They require pipes and fittings that meet the highest standards.

Task
Exposed to special conditions 24/7, biogas plants are dependent on specific construction materials to safeguard ongoing operations. For biogas plants the components have to meet the following requirements:
- Excellent corrosion resistance
- Chemical resistance
- High toughness and rigidity
- Long service life

Solution
In contrast to steel, SIMONA® PE 100 pipes and fittings combine excellent corrosion resistance with a high level of UV stability, which makes them the perfect choice when it comes to the construction of high-end biogas plants. Impact strength at low temperatures and the high surface quality of the thermoplastic piping components are other key advantages for agriKomp and its facilities.

agriKomp GmbH is acknowledged as a leading specialist in biogas plant engineering and production. Their plants ensure efficient conversion of biogas into electricity and heat, making them an important contributor to the energy industry.

Further information:
SIMONA AG
BU Piping Systems
Phone +49 (0) 6752 14-0
Fax +49 (0) 6752 14-741
pipingsystems@simona.de

agriKomp GmbH
Energiepark 2
91732 Merkendorf
Phone +49 (0) 9826 65959-0
Fax +49 (0) 9826 65959-10
info@agriKomp.de
www.biogastechnik.de