Assembly and Support of a Combined Hydrothermal Carbonisation Facility with A.H.T. Gas Heat and Power Generation in Switzerland – First Construction Phase completed

A.H.T. currently erects a Gas, Heat and Power Plant with an electrical output of 150 kW in the Swiss canton Graubuenden. A.H.T.'s engineers were assigned with engineering services, erection and commissioning. This plant is combined with a carbonisation facility which bases on a technology to produce a brown-coal-like fuel from pasteous biomass as sewage sludge, digestates from anaerobic digestion or manure. This carbonisation process has been developed by a long-year technology partner of A.H.T. The suitability of this "HydroChar" was confirmed by jointly performed trials in A.H.T. biomass power plants.

In the now following second construction phase, the gas, heat and power generation array will be erected and commissioned. With this innovative concept A.H.T. taps into further markets by a substantially extended range of utilisable residuals. This shows once more the flexibility of the A.H.T. twin-fire technology regarding utilisable refuse derived fuels. Thus, A.H.T. opens up new markets for the energetic utilisation of municipal waste as energy carrier.

CEO Gero Ferges: "IT is our declared aim to take root again in the traditionally difficult domestic market by offering a solution for environmentally friendly energy generation. Our focus is set to the reduction of waste streams. With that we will again gain a foothold in Germany as numerous enquiries show."

At the same time, this project constitutes the turning point from the long restructuring phase of A.H.T.

"The development of new markets will lead A.H.T. again to its traditional position as leading vendor of innovative technologies for energy generation from biogenic residuals. With this approach, we enable ourselves to provide a decentralised solution for the recovery of high-moisture waste. Furthermore, lesser residues accrue on agricultural areas or dump sites", Gero Ferges further outlines. "With that said, we currently offer the first integrated solution by combining two proven technologies which allows to address the difficulty of increasing regulations for the disposal and spreading of such waste streams".