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Prof. Heppe has been the Managing Director of BioLog Biotechnologie und Logistik GmbH since 1992. The company was mainly developing and constructing of waste water treatment processes and facilities. Due to governmental policies to use biodegradable flocculants the focus of the company is now in the industrial usage of biopolymers, especially chitosans. The industry requirements to apply chitosan in a well defined, homogenous quality with low tolerance in the parameters has lead to the further development of the chitosan production technology to be able to deliver standardised products.

In 1999 a system for the standardisation/classification of chitosan products, developed by Prof. Heppe was introduced at the EUCHIS conference in Potsdam, Germany.

Following his proposals three chitosan production facilities were set up in Asia and the Middle East.

BioLog has completed over 20 research projects for the industrial application of chitosan since 1993. As the result of the applied research work BioLog has over 25 products of its own and about 25 products with chitosan supplied by BioLog GmbH.

BioLog has established itself as a reliable supplier of chitosan products in Europe and other countries selling approximately 100 tons of solid and liquid products a year.

Prof. Heppe was awarded with an honorary professorship at the Academy for Municipal Affairs and Institute for Ecological Engineering Charkov, Ukraine, for his work and teaching in the field of environmental technologies, in 1998.