INJEKTOR Environmental Planning and Service Ltd.

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INTRODUCTION

INJEKTOR Environmental Planning and Service Ltd was established in 1989, with 100 % Hungarian ownership.
Over the past 17 years **INJEKTOR Ltd** has grown to be the biggest company in Hungary and even in Europe that utilizes sewage-sludge. The company's service is unique in the sewage-sludge market: it places more than hundred thousand tons of sewage-sludge and more than ten thousand tons of liquid manure in ten thousand hectare arable land without any harmful effects on the environment, applying its special injecting equipment of high capacity.

MAIN ACTIVITIES

The core activity of **INJEKTOR** is planning and developing of environmental technologies to sustain the natural conditions of surface and groundwater as well as of the soil.
The company provides services applying special environment-friendly methods, mainly treatment of sewage mud from public works and food industry; and of manure as well as to place them on arable land.
INJEKTOR has a lot of experiences in the field of planning and manufacturing of environmental equipments and machines.

THE TECHNOLOGY

On the base of results of outstanding Hungarian and international research-development activities the experts of **INJEKTOR Ltd** have developed KNOW-HOW technologies to place sewage-water and other wastes from public works and food industry as well as liquid manure from animal breeding establishments into agricultural lands without any harmful effects on the environment. **The various technological procedures applied by INJEKTOR Ltd fill the most rigorous environmental requirements including the directive of the European Union (86/278/EEC) and considerably protect the high quality of the environmental elements (soil, ground water and living waters) and of the cultivated plants.**
Application of the results of the few-decade and world-wide respected research activities made possible that arable lands in Hungary have not damaged during the last decades – despite of the social and industrial developments. Their productiveness is the best all over the world and make possible to grow fodder-crops and food plants of high biological value.
The technology is certified in accordance with EN ISO 14001.

REFERENCES

Planning:

- Development and planning of technology to place sewage-sludge produced at sewage purification plants in the following Hungarian towns: Balatonfüred (1989), Szekszárd (1990), Zalaegerszeg (1990), Balatonfűzfő (1992), Agárd (1992), Kaposvár (1993), Nagyatád (1993), Mohács (1994), Csömör (1994), Budapest (1999, 2000, 2006), Pécs (1999), Kecskemét (2000).
- Planning the useful and environment-protecting disposal of liquid manure produced by pig-breeding establishments of Agricultural Works (Dalmand, 1990 and Somogytarnóca-Alsógyörgyös, 1999).
- Preparation of Water Protection Plan for County Somogy (2001).
- Preparation of sewage–sludge purification programs of Historic Buildings for County Pest (2001).
- Designing of Mobile Injecting Machine in the frame of an R&D Project supported by the Hungarian R&D Found.

Services

- Municipal sewage-sludge treatment and disposal without any harmful effects on the environment in the following Hungarian towns: Balatonfüred (1990), Balatonfűzfő (1990), Szekszárd (1990), Zalaegerszeg (1990-1998), Agárd (1992), Kaposvár (1992), Nagyatád (1993).
- Treatment of sewage-sludge from food industry and disposal without any harmful effects on the environment for the company of Gold-Sun (1991-1996) and the company of ZALATEJ (1992-1999).
- Treatment of liquid manure from animal-breeding establishments and disposal without any harmful effects on the environment in Szalánta (1992, 2003), in Nagyatád (1996).
- Elimination of Cadmium impurities in Lovasberény (1993) and in Bonyhád (1994)

INJEKTOR Ltd. is looking for partners all over the world to cooperate in distributing and utilizing its own developed technology and special injecting equipment.