
TELEM d.o.o.

ENGINEERING, AUTOMATION, REPRESENTATIVE

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REFERENCES IN THE FIELD OF ECOLOGY – SLUDGE TREATMENT

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Registrations:

- Register of design firms [in the Slovenian Chamber of engineers \(Inženirski zbornici Slovenije - IZS\)](#) with ID **0414**
- Registered at [Slovenian Research Agency](#) with ID **2325**,
- [Technology Network - Process Control Technology \(TVP\)](#)



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2. SLUDGE TREATMENT

A very important part of wastewater treatment plant is also the sludge treatment. The sludge can be processed so it can later be disposed of at landfills (with the purpose of sanitary treatment, stabilisation and reducing its volume) or be used as fertiliser or fuel. Our company specializes in processes of dehydration, composting, drying and burning of sludge. With regards to the process of dehydration we specialise in automation of drain belts, centrifuges, pressurized presses and equipment for dosage of flocculants. Drain belt, centrifuges, pressurized presses enable draining of the sludge that is produced in wastewater and sewage treatment plants.

Another important aspect of this process is also the transportation of sludge generated in plants to sludge treatment facilities, including the automation of sludge storage. Dehydration of sludge can be made more efficient by adding flocculants.

3. REFERENCES IN THE FIELD OF ECOLOGY – SLUDGE TREATMENT

1.	Sludge dehydration – waste water treatment plant Krka KRKA d.d., Novo mesto, Slovenia (1997)
2.	Sludge dehydration – flotation, preparation of polyelectrolyte, centrifuges, stabilization of sludge – waste water treatment plant Maribor Aquasystems d.o.o., Maribor, Slovenia (2001 - 2004)
3.	Sludge dehydration, dehydration table, centrifuge, preparation of flocculants – waste water treatment plant Novo mesto MBR 55000PE Komunala Novo mesto d.o.o., Novo mesto, Slovenia (2007-2013)
4.	Sludge drying – waste water treatment plant Novo mesto MBR 55000PE Komunala Novo mesto d.o.o., Novo mesto, Slovenia (2013-2016)