



from 1991



history

- Established in 1991;
- Shareholders:
ARTŪRAS MRAZAUSKAS
GINTARAS KVIETKAUSKAS

Main projects

- Vilnius WWTP, Lithuania
- Panevezys WWTP , Lithuania
- Siuliai WWTP , Lithuania
- Mariampole WWTP and sludge treatment , Lithuania
- Palanga WWTP, Lithuania
- Utena WWTP , Lithuania
- Pskov WWTP, Russia
- Brest WWTP, Belarus
- And many others...

Main projects view



Panevezys WWTP, Lithuania



Panevezys WWTP, Lithuania



Reconstructed biological reactor

Panevezys WWTP, Lithuania



Aerated grit trap/new air supply pipelines with automatic control

Panevezys WWTP, Lithuania



3 mm step screen with hydraulic screen press with protective covers

Panevezys WWTP, Lithuania



Reconstructed sludge digesters, 1800 m³ each

Panevezys WWTP, Lithuania



Panevezys WWTP, Lithuania



New zones for biologic nitrogen-phosphorus removal and underground channel

Panevezys WWTP, Lithuania



Underground technologic channel pipelines

Panevezys WWTP, Lithuania



Blower's room with turboblowers

Siauliai WWTP, Lithuania



Siauliai WWTP, Lithuania



Reconstruction of aeration tank: installation of membrane aeration system

Siauliai WWTP, Lithuania



Installation of new zones for biologic nitrogen and phosphorus removal

Siauliai WWTP, Lithuania



Active sludge pumping station/new turboblowers

Palanga WWTP, Lithuania



Screw press for sludge dewatering

Palanga WWTP, Lithuania



Distribution chamber

Palanga WWTP, Lithuania



Aerated grit traps

Palanga WWTP, Lithuania



New shut off penstocks

Utena WWTP, Lithuania



Utena PWTP, Lithuania



Reconstructed filter hall with open type sand filters

Utena PWTP, Lithuania



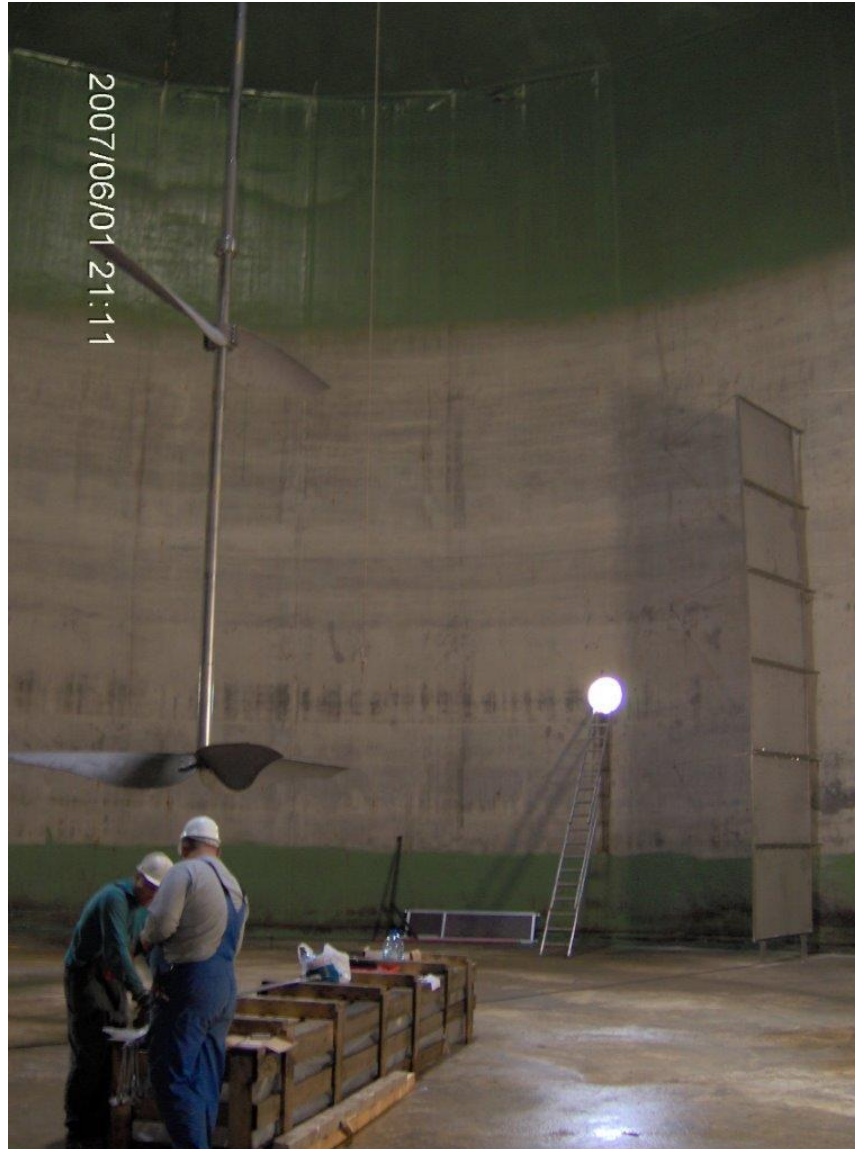
Wash water and treated water pumping station

Utena PWTP, Lithuania



New pipelines with automatic regulation around sand filters

Kaunas WWTP Digesters, Lithuania



Installation of digester's equipment

Marijampole WWTP, Lithuania



Reconstructed primary clarifier

Marijampole WWTP, Lithuania



Reconstructed primary clarifier: new scrapper bridge

Marijampole WWTP, Lithuania



Aerated closed type grit chamber

Marijampole sludge treatment plant, Lithuania



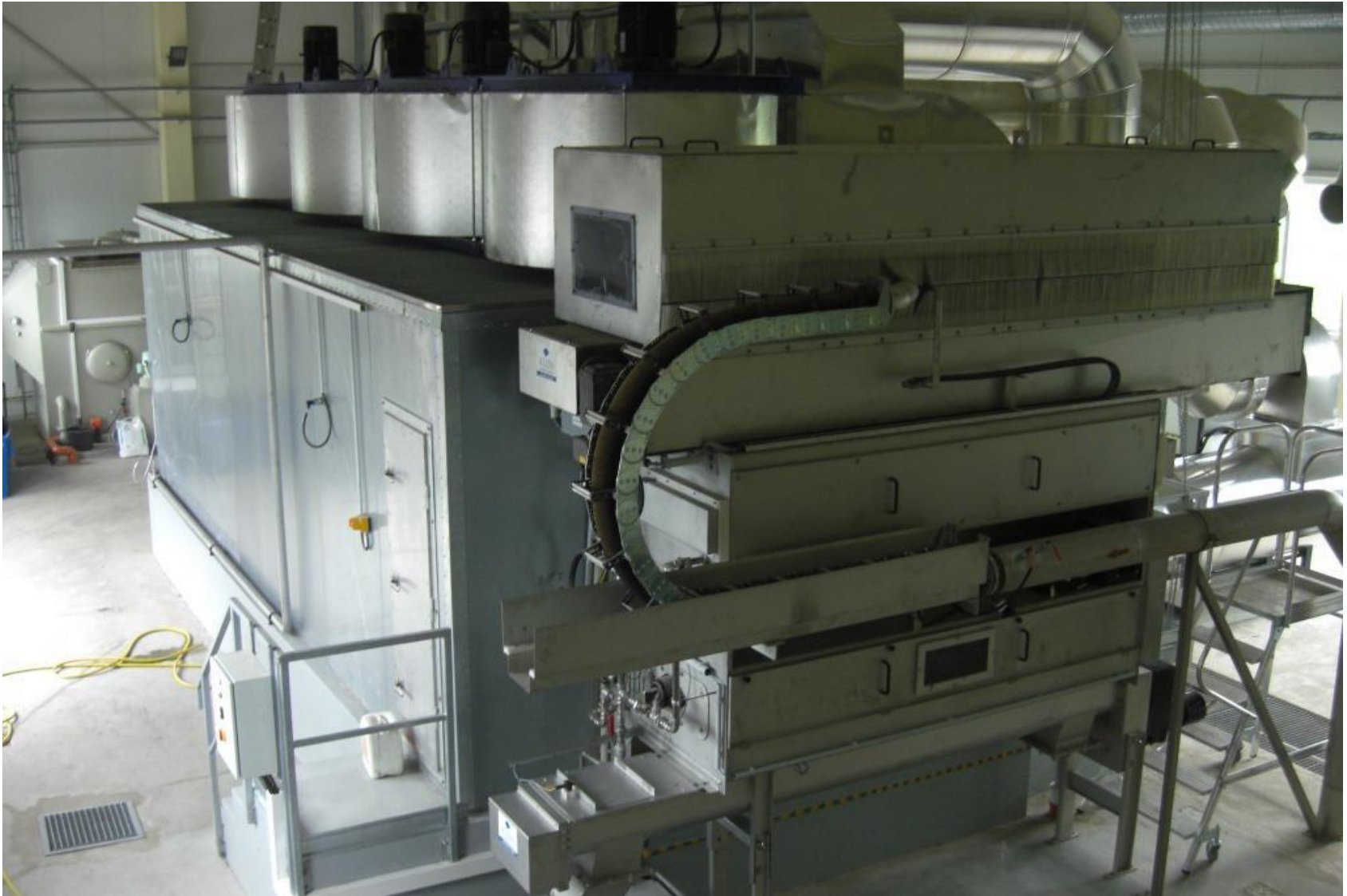
Dried sludge 40 m³ storage and distribution silo

Marijampole sludge treatment plant, Lithuania



Reconstructed digester with top mounted equipment

Marijampole sludge treatment plant, Lithuania



Belt type sludge dryer

Marijampole sludge treatment plant, Lithuania



Sludge drum thickener

Marijampole sludge treatment plant, Lithuania



Co-generation biogas burning micro turbine

Visaginas WWTP, Lithuania



Visaginas WWTP, Lithuania



Circular type bioreactor with secondary clarifier in the center

Visaginas WWTP, Lithuania



Very compact 30.000 PE WWTP thanks to circular bioreactor

Visaginas WWTP, Lithuania



Grit clarifier&washer

Visaginas WWTP, Lithuania



Mechanical treatment building with combined screens and grit trap

Visaginas WWTP, Lithuania



Combined mechanical treatment unit

Visaginas WWTP, Lithuania



Activated sludge pumping station

Širvintai WWTP, Lithuania



Širvintai WWTP, Lithuania



Secondary clarifier and distribution chamber

Širvintai WWTP, Lithuania



Prefabricated underground active/excess sludge pumping station

Širvintai WWTP, Lithuania



Secondary clarifier scrapper bridge

Kretinga WWTP, Lithuania



Kretinga WWTP, Lithuania



50 m dia. circular biologic reactor with secondary clarifier in the centre

Kretinga WWTP, Lithuania



Aerated grit trap

Kretinga WWTP, Lithuania



Grit classifier&washer

Kretinga WWTP, Lithuania



Tertiary treatment microfiltration unit for SS and phosphorus removal

Kretinga WWTP, Lithuania



Special belt filter press with thickening zone 2 in 1 unit

Taurage sludge treatment plant, Lithuania



Compact plant with sludge thickening, disintegration, digesting dewatering and drying

Taurage sludge treatment plant, Lithuania



Taurage sludge treatment plant, Lithuania



Sludge digesters 780 m³ each

Taurage sludge treatment plant, Lithuania



Biogas dome and desulphurisation unit

Taurage sludge treatment plant, Lithuania



Final dried sludge volume is up to 96 times lower, than incoming excess sludge

Taurage sludge treatment plant, Lithuania



Process sludge pumping station

Taurage sludge treatment plant, Lithuania



Sludge thickener/dried sludge silo

Taurage sludge treatment plant, Lithuania



Primary sludge screens

Taurage sludge treatment plant, Lithuania



Belt sludge dryer

Taurage sludge treatment plant, Lithuania



Dewatered sludge pump with distribution silo

Taurage sludge treatment plant, Lithuania



Sludge process pumping station

Taurage sludge treatment plant, Lithuania



Dewatered sludge acceptance station (from other WWTP's)

Taurage sludge treatment plant, Lithuania



Sludge heating and recirculation pumping station

Taurage sludge treatment plant, Lithuania



Electric high voltage sludge disintegration unit

Taurage sludge treatment plant, Lithuania



Sludge treatment building with biofilter

Šilutė sludge treatment plant, LithuaniaAG



One of the smallest plant in the world with sludge thickening, dewatering, digesting drying and “waste to energy” chains

Šilutė sludge treatment plant, Lithuania



Sludge digester 740 m³ and gasholder 400 m³

Šilutė sludge treatment plant, Lithuania AG



Enamel glass coated metal sheets digester

Šilutė sludge treatment plant, LithuaniaAG



Digester

Šilutė sludge treatment plant, Lithuania AG



Digester's vertical mixer installation

Šilutė sludge treatment plant, Lithuania



Belt sludge dryer: 380 kg H₂O/h

Šilutė sludge treatment plant, Lithuania AG



Dewatered sludge „spaghetti“ distribution inside sludge dryer

Šilutė sludge treatment plant, LithuaniaAG



Screening washer & press and grit washer & press

Šilutė sludge treatment plant, LithuaniaAG



Process sludge pumping station

Šilutė sludge treatment plant, LithuaniaAG



Sludge thickening and dewatering room

Šilutė sludge treatment plant, Lithuania AG



Automatic polymer production units (from powder polymer)

Šilutė sludge treatment plant, Lithuania AG



Belt filter press: up to 24%DS

Šilutė sludge treatment plant, Lithuania AG



Dewatered sludge silo and dried sludge silo&packing

Šilutė sludge treatment plant, LithuaniaAG



Sludge dryer and chemical air treatment system

Šilutė sludge treatment plant, LithuaniaAG



Sludge dryer and chemical air treatment system

Šilutė sludge treatment plant, LithuaniaAG



Biogas mechanical treatment system

Šilutė sludge treatment plant, Lithuania



Biogas and natural gas boilers

Pskov PWTP plant, Russia



*Portable water 5,5 m Dynasand non-pressure sand filters,
41pcs*

Pskov PWTP plant, Russia



Reaction chamber for de-ironing process

Pskov PWTP plant, Russia



Underground water well

Pskov PWTP plant, Russia



Treated water pumps 850 m³/h each

Pskov PWTP plant, Russia



Air compressor station 12 m³/s

Pskov PWTP plant, Russia



Portable water treatment building

Pskov WWTP plant, Russia



30m clarifier after reconstruction

Pskov WWTP plant, Russia



Tangential grit trap after reconstruction

Pskov WWTP plant, Russia



Fine perforated screens

Pskov WWTP plant, Russia



Drainage pump

Pskov WWTP plant, Russia



Dewatering decanter centrifuge

Pskov WWTP plant, Russia



30m clarifier during reconstruction

Pskov WWTP plant, Russia



Grit separator

Pskov WWTP plant, Russia



Operator room

Brest WWTP plant, Belarus



Brest WWTP plant, Belarus



Brest WWTP plant, Belarus



Brest WWTP plant, Belarus



Brest WWTP plant, Belarus



Baranovichy sludge treatment plant, BelarusAG



Baranovici sludge treatment plant, Belarus

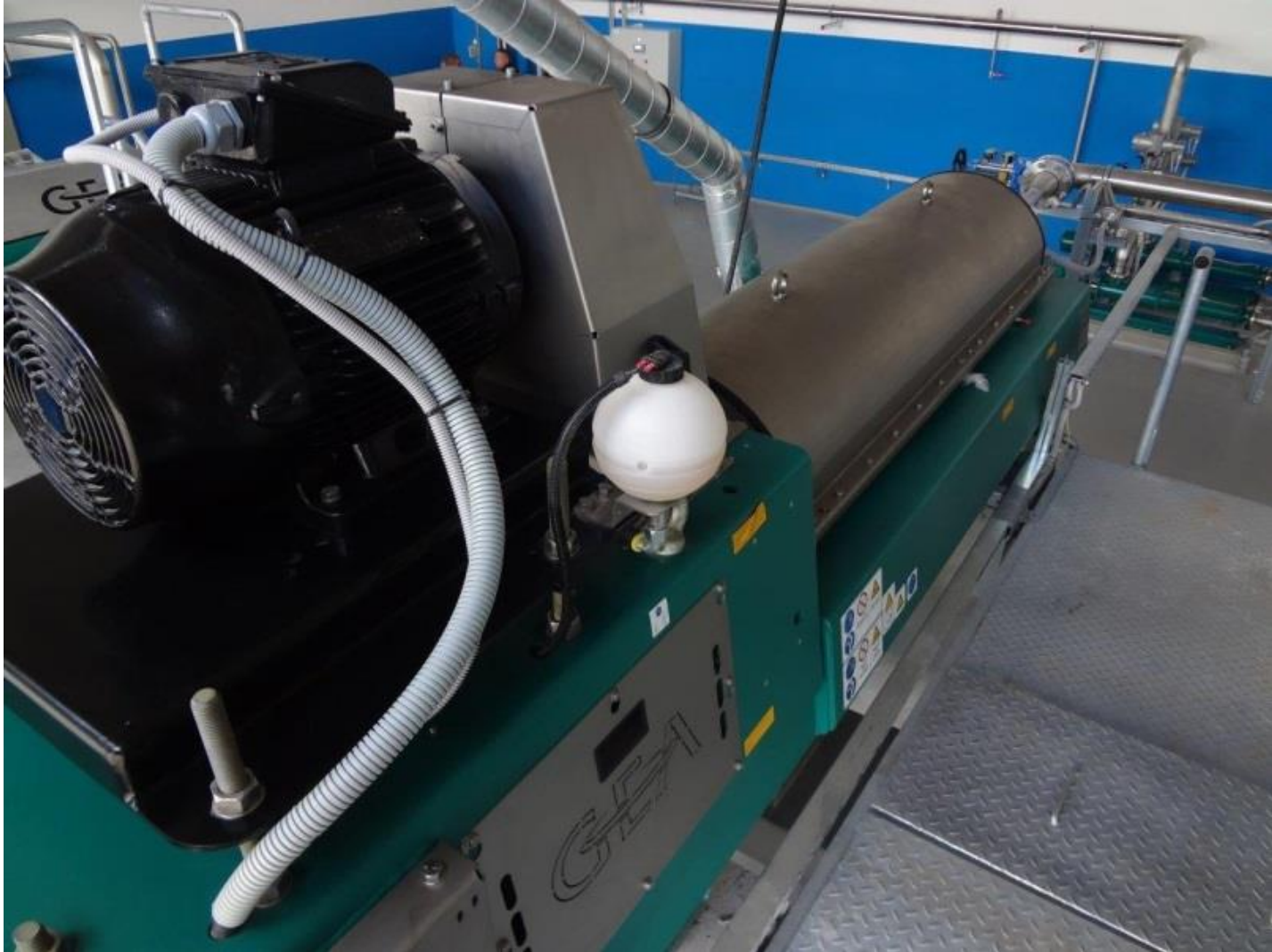


Baranovici sludge treatment plant, Belarus



Sludge pumping station

Baranovici sludge treatment plant, Belarus



Sludge thickening/dewatering decanters

Baranovici sludge treatment plant, Belarus



Recirculating sludge pumping station

Baranovici sludge treatment plant, Belarus AG



Active sludge pump

Bobruisk PWTP, Belarus



Portable water 3,4 m dia deironing pressure filters

Bobruisk PWTP, Belarus



Portable water 3,4 m dia deironing pressure filters

Bobruisk PWTP, Belarus



Air injectors are used to supply oxygen

Bobruisk PWTP, Belarus



Treated water drinking water pumping station



Before and after ...



Before and after ...





Horizontal aerated internal



Open



Screens



Step screens 3 mm.



Aeration systems



Fine bubble membrane aeration



Pipelines, structures and fences





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Penstocks





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Air blowers and compressors







Pumping stations







Primary and secondary clarifiers



Primary clarifiers



Secondary clarifiers





Biological reactors





Digesters





Repair of concrete structures





Reconstruction of biological reactors with the installation of denitrification and dephosphorization zones



Control systems



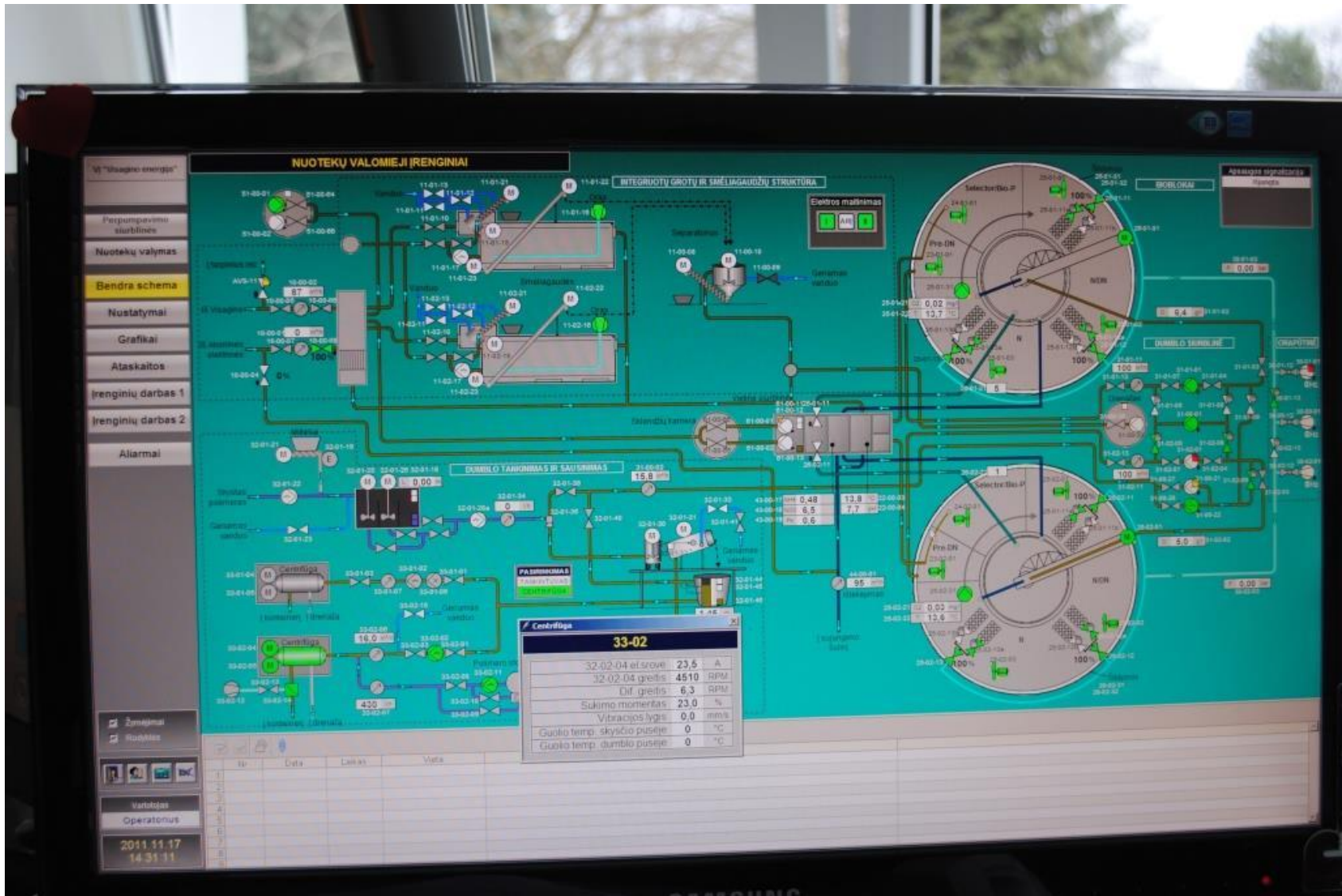


Local control panels





SCADA systems



And many other





- For the success of the project it is very important not only to choose the right equipment, but also the qualification of the installation and supervision contractor...

Good equipment in bad hands



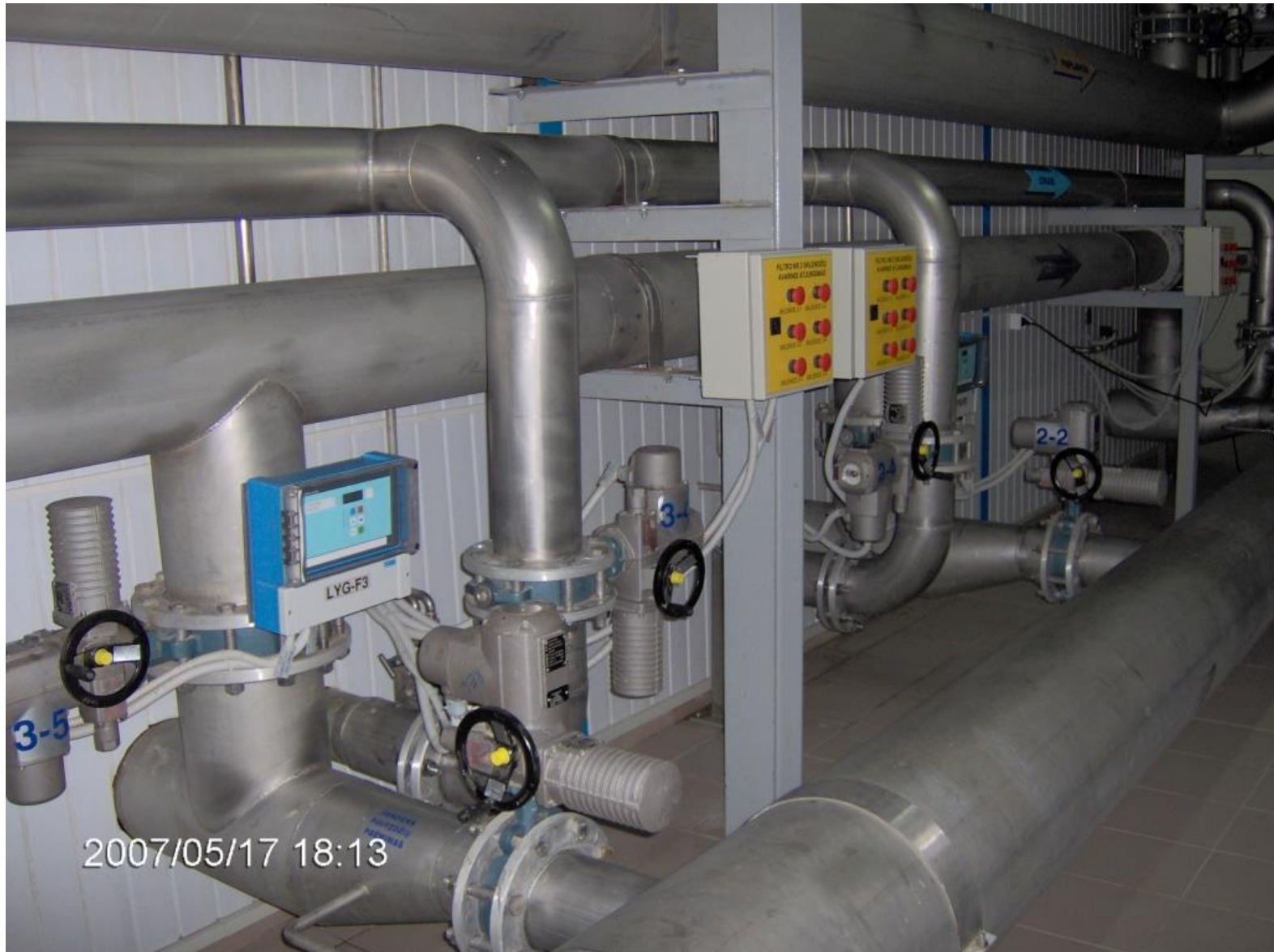
We guarantee the best quality



Example of wrong installer...



Our installation...



This is not our quality...



This is our quality!



We know how to act in complicated conditions



Pskov WWTP, Russia



Primary clarifiers before



And after reconstruction







Thank You for Your attention.

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