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Building of expert capacities in wastewater treatment in Sri Lanka



This project was implemented during the years 2004 - 2006. It was focused on building of expert capacities in the wastewater treatment on this island. Activities were fo-



ocused on both municipal and industrial sources of pollution. During the first phase of the project we were afflicted by tsunami and this catastrophe considerably changed the selection of our project partners. For example, our key institutional partner, the Natio-

nal Housing Authority, shifted its priorities to the victims of tsunami and following resettlement schemes. In close cooperation with our other partner company, we installed the technology for biological wastewater treatment 60 km inland from Colombo, and later on the technology for wastewater recycling from car washing. This type of wastewater largely contributed to the pollution of the sea, due to high number of vehicles washed and engine oil changing. Furthermore, untreated municipal wastewater represented a large quantity of pollution, especially of inland waters. Several seminars focused on wastewaters and available technologies were organized, and the co-operation with the local Central Environmental Authority, focused on development of new limits for industrial wastewaters release was prepared. In addition, several study trips for decision makers to



the Czech Republic were organized. On the base of information acquired during these study trips, the new governmental decision on wastewater treatment limits was issued. Due to the fact, that the major part of wastewater was generated by individual sources, the foundation for the future production of small domestic wastewater treatment plants was laid down.



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- 1 After the international exhibition Techno 2006, we were awarded „The Best Technological Display“ prize.
- 2 Consultation services in the garment factory focused on minimization of excess sludge from the process of wastewater treatment.
- 3 The seminar focused on de-centralized systems of the wastewater treatment.
- 4 The installation of the technology for wastewater recycling from car washing.
- 5 The wastewater treatment plant Monoblok-T with capacity 110 m³/day - the first plant based on activated sludge technology in SRB reactors on the island.



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