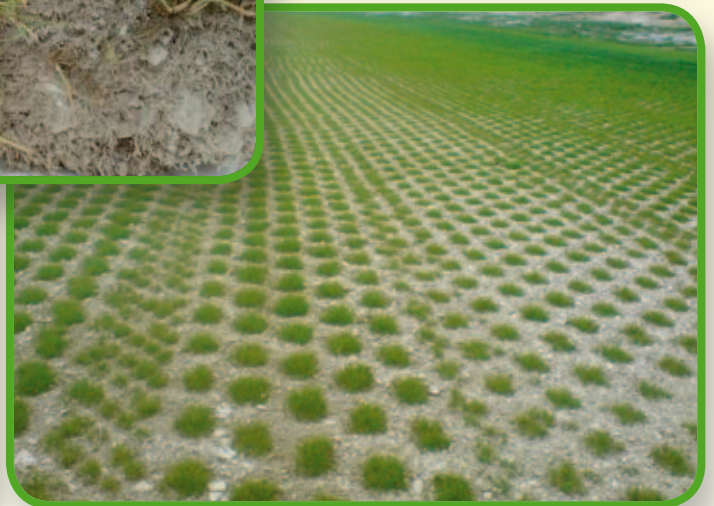




NordGarden

**Technical and
Biological Recultivation
of the Industrial Sites**

Technical and Biological Recultivation of the Industrial Sites



In 2007 and 2008 industrial landscaping company Nordgarden was involved in landscaping large areas degraded during last 50 years by oilshale energy and chemical industry. It consisted of nearly 4000 acres of fly ash field and 60 acres of semi cake dump. Main common characteristic of both areas was extremely high pH, high content of heavy metals and phenoles, low water holding capacity and very bad mineral structure. These areas are located in North-East Europe, Estonia and belong to Narva Power Plants and Viru Keemia Grupp.



The complex of works was extremely challenging, involving also state of the art hydroseeding.

Oil shale coal burning Power Plants generate vast quantities of high liquid content ash by-product that must be stored and dewatered. As states revise permits to comply with higher EU standards, both large and small plants are searching for alternate methods of managing and dewatering waste slurry to meet these new standards without incurring additional expenses.



After two years of intensive trials and research works, our team of engineers developed slurry of 10 different components.

This, sprayed to the ground with high pressure did create acceptable environment for specially selected grasses. The two years of maintained vegetation will be enough to create new nature to the dead grounds.

Probably first time in history we at Nordgarden have succeeded with direct sowing into highly alkaline fly ash and semi cake. We invented new cheap technology and gathered massive experiences with recultivation such areas.



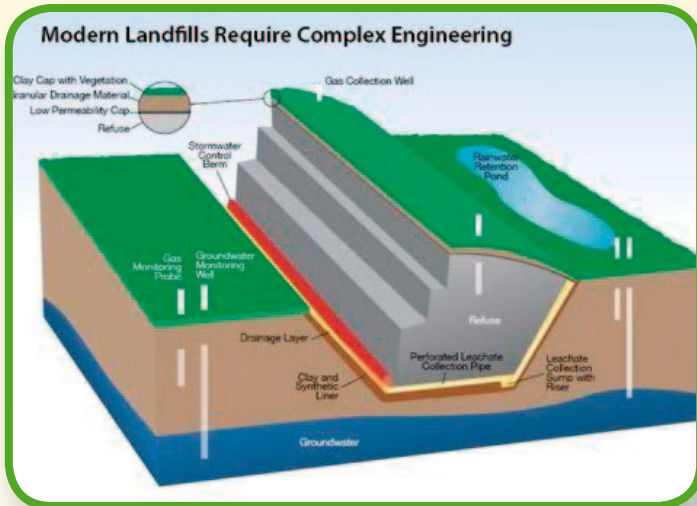
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Designing and landscaping the roadsides is always very satisfying. For this we have world leading specialists from France and Denmark with excellent knowledge about grasses, plants, erosion and traffic safety.

We have designed and executed many challenging works since 1994. Currently we are involved with ecological and economical designs of nation largest traffic lines developments



Creating cheap and effective solutions is our main strength. These skills are specially needed on landfills. Nordgarden with world largest geosynthetics corporation Royal Ten-Cate, has offered and executed many smart solutions witch can sometimes be up to 50% cheaper, then originally designed ones. Nordgarden is offering full assortment of best geotextiles at the lowest prices on the market.



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Whatever the budget or work, as far it can be considered the landscaping – we will always help.



One of the most challenging works we are doing now, are the landscaping works of new NATO airbase. The area was covered with forest and is very soft.





To maintain the risks of fluctuating economy we are dealing with 120 hectares of landscaping plants nursery in Poland. We also have seed production unit, wholesale department and retail chain of 9 shops for gardening and landscaping products.



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