

REMEX Landfill management

Indispensable landfill expertise

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WORKING FOR THE FUTURE



Disposal means responsibility

Although recovery rates are high, some mineral waste remains that cannot be recycled due to its pollutant load. REMEX offers suitable disposal options for these materials. In this field of business, we are also responsible for the planning, constructing and management of our own landfills. Our focus in this context is on providing safe storage capacities for waste of all contamination classes.



The legal framework for waste management is the cornerstone of our business

Security and stability in the long term

For the protection of public welfare, landfill sites are to be constructed, operated and decommissioned in compliance with technical and legal landfill regulations. Landfill operators must ensure long-term safety and legal conformity while also considering the economic aspects of waste disposal. As a waste management company, we are clearly committed to environmental protection and resource conservation, and thus to safeguarding the future of modern society.

Storage capacities for all landfill classes

For the disposal of waste, we maintain contingencies at landfills of all classes and are ourselves active landfill operators. Due to our experience with both hazardous and non-hazardous waste, we are able to provide expert knowledge and reliable processes for all mineral waste streams. In that context, careful compliance with all legal control and documentation obligations is our core task in day-to-day landfill operation.





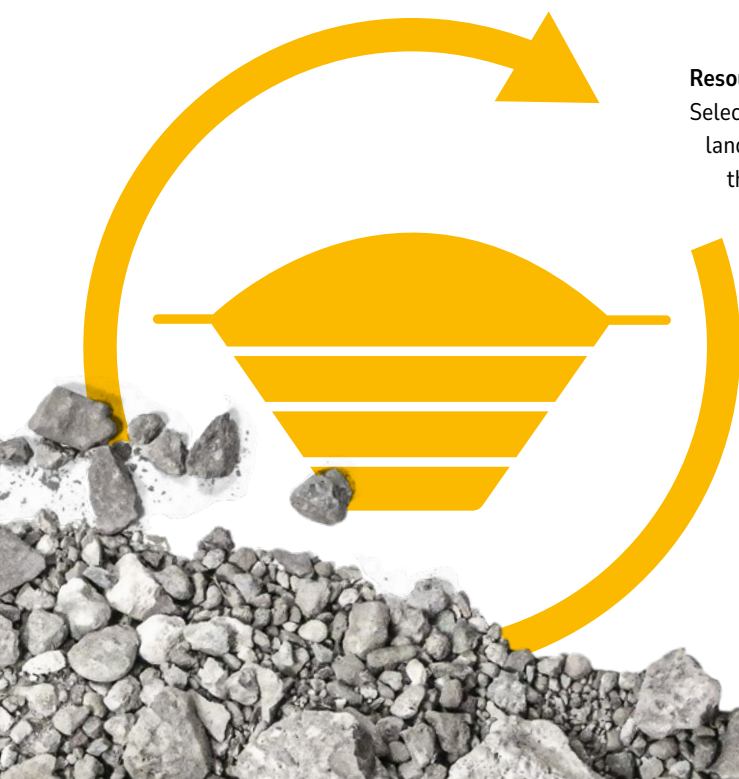
Sustainable advantage: our landfill construction materials

Suitable construction material is an important prerequisite for every construction project. This is especially true for landfill construction. We take into account the system components of the base and surface sealing as well as the technical functional layers required for landfill operation. For each project, we produce and supply secondary landfill construction materials in compliance with applicable regulations and in compliance with the specifications of the individual landfill construction project.

Mineral waste forms the basis for sustainable landfill construction materials

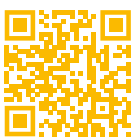
Resource-efficient landfill construction

Selected types of mineral waste can be used to produce landfill construction material that is suitable for use in the landfill body or in its profiling, on roads or separating dams as well as in the levelling, gas drainage and drainage layers of a landfill. The validity of reusing waste at landfills depends on its nature and composition. The requirements of landfill classes and each specific construction project must always be taken into account.



Principle of a landfill

Landfills are complex structures. They are constructed according to the multi-barrier principle. Structural measures such as the geological barrier, base sealing and surface sealing serve to protect the environment from the adverse effects of waste disposal. The detailed requirements for construction, acceptance procedures, disposal, decommissioning and aftercare laid down in landfill legislation demonstrate the high safety standards required of today's landfills.

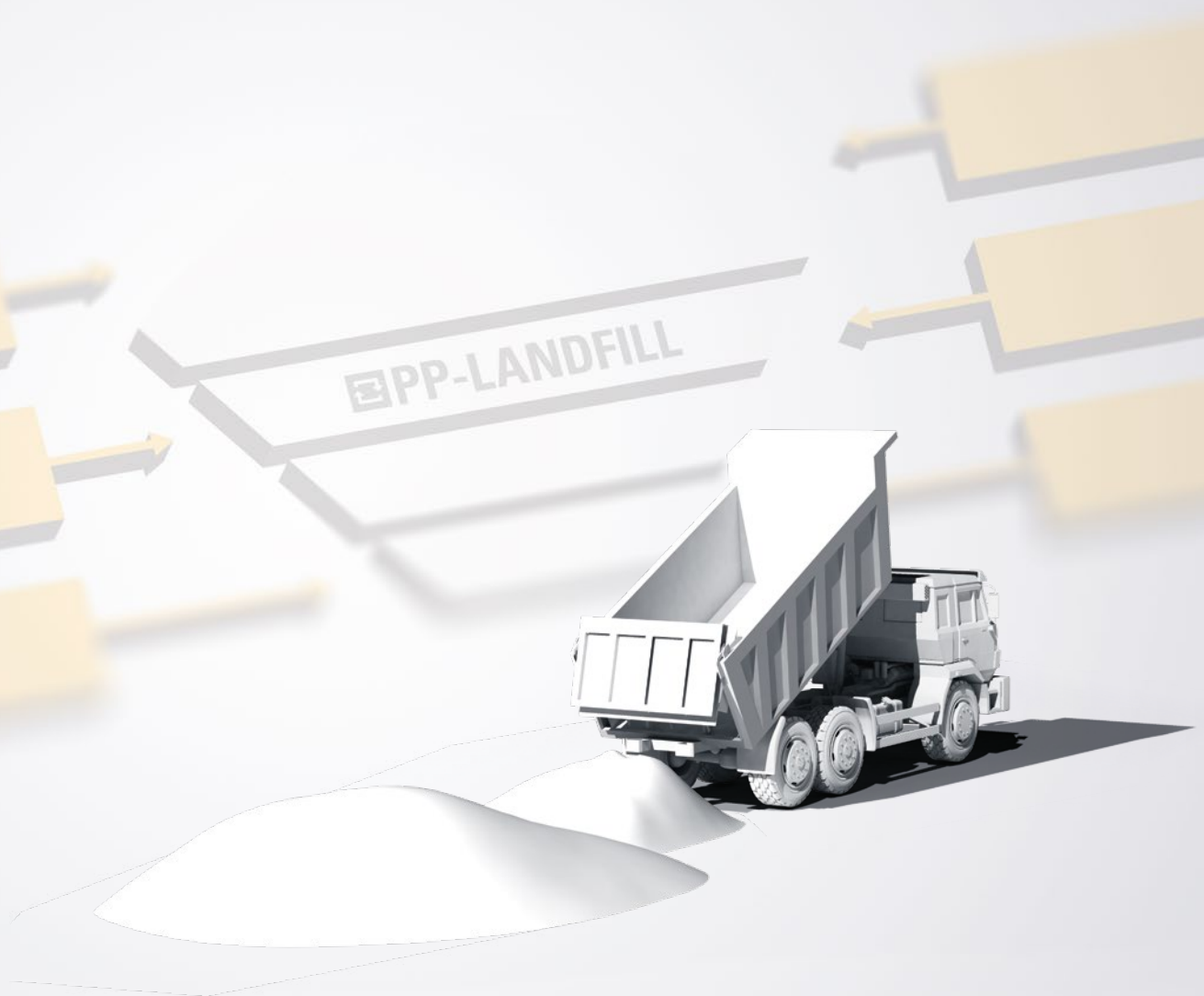


Landfill construction footage in video:

In order to provide a visual impression of landfill construction and landfill operation, we have filmed the activities of our affiliated company Zentraldeponie Hubbelrath GmbH. > zdh-film-en.remex.de

Cooperation secures disposal capacities

REMEX has developed the PP-Landfill cooperation model to promote the creation of new landfill volumes. This model enables us to provide both public and private sector landfill operators with financial and consulting services regarding the possible utilisation of former gravel/sand/clay pits and quarries as landfills or the expansion of existing landfills with new sections.



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Find out more about the landfill partnership model on our dedicated website. There, we not only explain the different cooperation possibilities, but also provide additional references on the management and construction of landfills.

REMEX specialises in the professional management of mineral waste and the recovery of resources it contains. Through its recycling activities, the company has a proven track record in reducing the consumption of gravel, sand and natural stone and improving the carbon footprint of metal production. REMEX is an international leader in the development of innovative recycling technologies and ranks among the largest manufacturers of secondary aggregates in Europe. REMEX is a member of the REMONDIS Group, one of the world's leading recycling, service and water companies.



REMEX GmbH
Am Fallhammer 1 // 40221 Düsseldorf
Germany // T +49 211 17160-0
F +49 211 17160-420 // info@remex.de
remex.de



@remex.gruppe
REMEX-Gruppe