



SOLUTIONS

Landfill cooperation

Joining forces for safe disposal

pp-landfill.de

 **PP-LANDFILL**



A convincing model

Details on cooperation opportunities can be found on > pp-landfill.de



New landfill capacities can be created in a variety of ways. PP-LANDFILL stands for REMEX landfill projects in cooperation with the public waste management sector as well as with private sector companies. As a cooperation partner, our group of companies assumes the costs and long-term financial risks associated with the construction, operation, closure and aftercare of a landfill site. At the same time, REMEX receives a contractually regulated disposal quota. In this way, the provision of sufficient landfill capacities is supported while at the same time ensuring stable disposal fees.

Public Private Partnership

In their role as public waste management authorities, municipalities for example are responsible for the disposal of the waste produced in their administrative district. But changing legal and technical requirements as well as economic developments over the entire landfilling period represent the greatest uncertainties for landfill projects. The high level of financial security required during implementation is one of the most serious challenges. Cooperation with a partner such as REMEX can significantly reduce the risks for landfill operators.

PP-LANDFILL = Public Private Landfill

Whenever a new landfill or a new landfill section needs to be created, the main question for landfill operators is how to manage implementation. The PP-LANDFILL model creates a viable opportunity through the cooperation between a public and private partner. We also refer to this model as PrePaid Landfill, because as a private partner, we make an upfront financial contribution.

Optimal allocation of responsibilities

In the PP-LANDFILL model, the responsibilities of landfill management are allocated in such a way that the competences, resources and networks of both partners are optimally utilised.

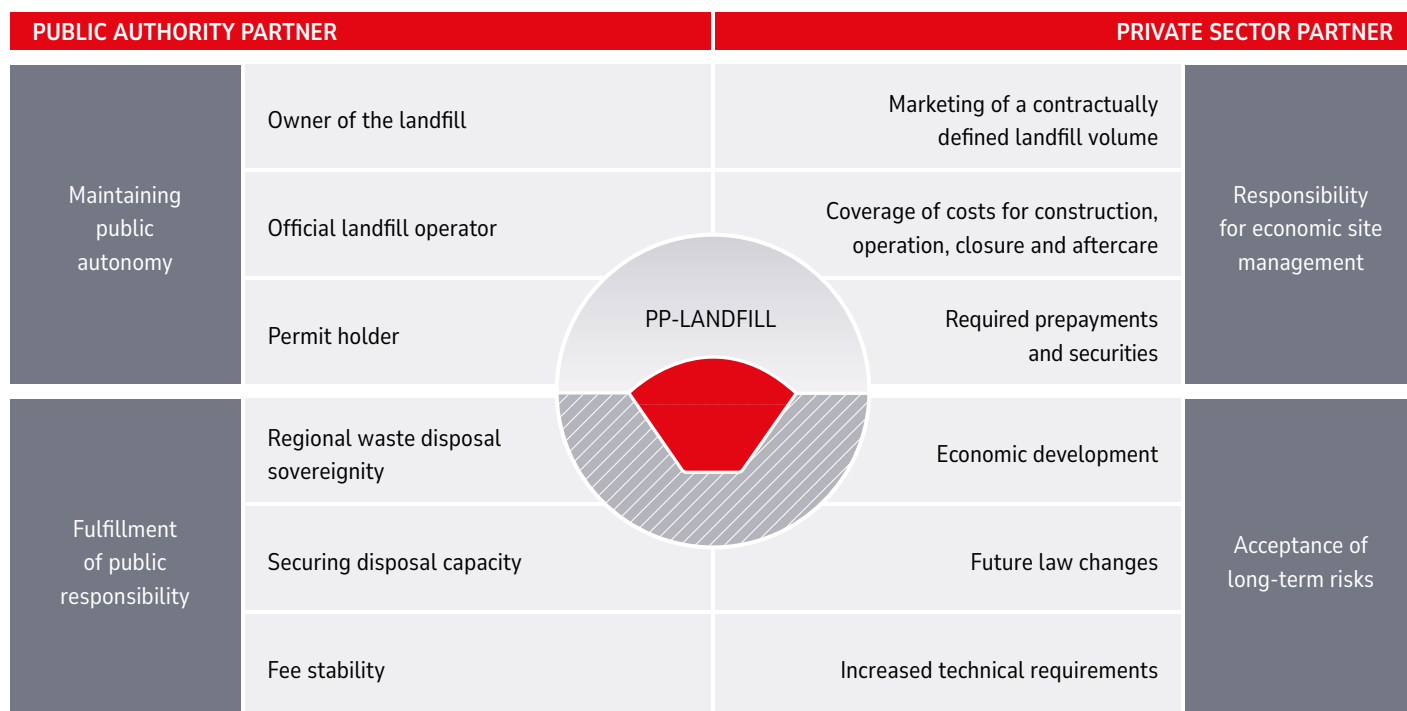
Public landfill operator

- _ remains responsible in accordance with waste legislation,
- _ remains the owner of the land and the landfill,
- _ is the holder of the planning approval notice and permit in accordance with waste legislation,
- _ can continue to use the existing infrastructure and personnel,
- _ reserves the right to handle and manage waste from its own jurisdiction,
- _ retains responsibility for planning, construction, closure and aftercare,
- _ remains responsible for tendering and awarding landfill construction contracts, and
- _ bears no economic risk due to potential higher technical or legal requirements over the lifetime of the landfill.

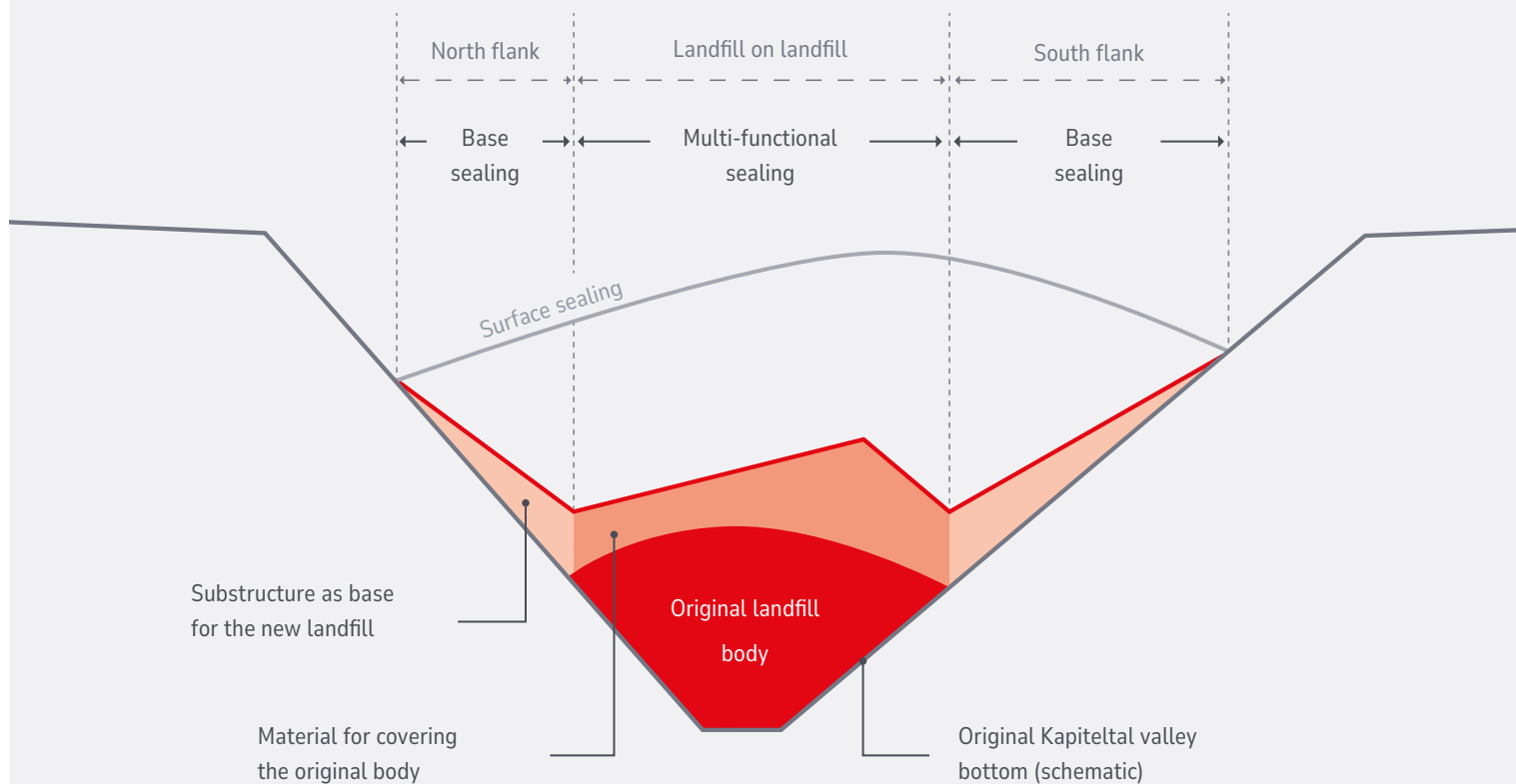
REMEX as partner

- _ commercialises a defined landfill quota independently and on its own responsibility,
- _ ensures the economic utilisation of the landfill,
- _ assumes the costs of the planning approval and the selection procedure,
- _ bears the costs and risks associated with construction, commissioning, closure and aftercare,
- _ makes advance payments for landfill construction and pays the actual construction costs incurred,
- _ secures closure and after-care costs by means of a guarantee and/or corresponding payments,
- _ guarantees against the worst-case scenario, e.g. if landfill filling is terminated prematurely, and
- _ bears the costs for the infrastructure associated with landfill operation.

Our model secures municipal self-reliance, creates capacities and ensures stable fees



The PP-LANDFILL model as an example of cooperation between public landfill operators and REMEX



Landfill project Kapiteltal

The Kapiteltal landfill expansion is an example of the successful implementation of the PP-LANDFILL model in Germany. In 2011, the waste management plan of the state of Rhineland-Palatinate had already determined that without new landfill measures, the disposal capacity for class I waste would only be secured until 2018. In order to meet future market requirements and avoid possible regional disposal bottlenecks, it was decided that the existing Kapiteltal landfill site should be expanded.

Landfill on landfill

The Kapiteltal landfill, operated by Zentrale Abfallwirtschaft Kaiserslautern (ZAK), was already undergoing closure at the time. New capacities were to be created through the construction of a new landfill section on the old landfill site. The planning approval was granted in 2013. The new landfill section has been in operation since 2016. Up to 500,000 tonnes of waste will be landfilled per year until 2051. After that, decommissioning will begin, which, together with aftercare, is expected to last until 2081.

Joint implementation

The project has been realised in cooperation with REMEX. ZAK continues to be the operator of the landfill site. REMEX is responsible for a contingent of 6.9 million m³, which the company commercialises in accordance with ZAK. REMEX pays contractually regulated fees for being granted the backfill quota and for the provision, decommissioning and aftercare costs. The construction costs are covered in the amount of the actual costs incurred. In addition, REMEX has deposited corresponding guarantees for decommissioning and aftercare costs in the event that the disposal phase ends earlier than planned.



Learn more at > kapiteltal.pp-landfill.de

Private or public: Partnerships create innovation

Opportunities for the creation of new landfill capacities are also offered in the form of previous, mostly privately operated quarry sites for gravel, sand or clay. If the local framework conditions for a conversion are fulfilled, we support quarry operators in the utilisation of the exploited gravel/sand or clay pit as a landfill for lightly contaminated waste. The cooperation is designed on an individual basis.

private-partnership.pp-landfill.de

Learn more about this model of cooperation on our website.

Time running out?
Conversion into PP-LANDFILL!



The REMEX Group combines special construction material solutions and service concepts for the waste management industry, construction sector and industrial production under the name REMEX Solutions. The portfolio includes secondary aggregates GRANOVA and REMEXIT as well as the services PP-LANDFILL for cooperation in landfill projects and TS-RECOVERY for the management of road demolition waste containing tar.



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