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INERTWASTE

Tender with recycling in mind

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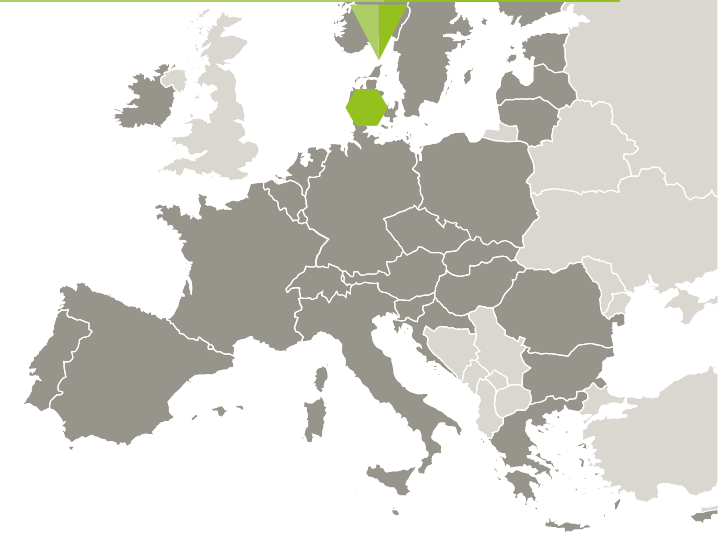
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Tender with recycling in mind

Review of tender material with reuse of building materials in mind and experience from a selected case. Including requirements in tender material as well as practical experience from construction site.

Site:
Horbelev - Denmark

12
XXXXXX





Tender material

Tender material for a demolition and recycling of building materials should specify how and to what extent materials must be taken down and handled with recycling in mind.

It must be considered which quality of brick is to be preserved and stone should be sorted into several qualities.

In a brickwall building, whole, half and quarter stones are typically used.

The tender should specify a minimum number of bricks to be delivered for recycling.

The provider should be aware that there is a need for extra construction site area for storage of materials, sorting, use of scaffolding and lifts.

As well as the construction site , must be prepared for driving with pallet trucks.

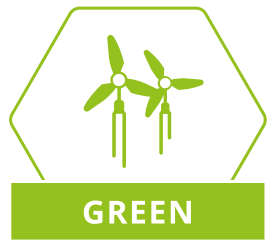
Selective brick removal

Bricks have to be carefully removed. It is easier if lime mortar is used and almost impossible if cement mortar is used.

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Each brick is cleaned by hand and residues of mortar are removed manually.
This is only possible with lime mortar.
Mechanical cleaning of bricks increases the risk of damage to the bricks so that they are not as resistant to water once re-used.

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Storage

Brand-new bricks are delivered in manageable pallet heads that are adapted to technical aids and scaffolding.

The bricks are packed airtight and are delivered from the factory with a low moisture content.

Recycled bricks will typically have a higher moisture content and there is therefore a risk of damaging the bricks if they are packed too airtight and not allowed to dry out.

Stacking of recycled stones should refer to the bricklayers tools and existing technical aids.



Pictures



**Time for
questions**



Thank you!

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