



See the value of sand.

Sand has always played an essential role in construction – and it still does. In the nature, sand and gravel have the timeless task of filtering and purifying ground water. Therefore, we have developed a range of machine sand products that replace natural sand in construction.

Sand is a natural resource that has been used for construction for millennia, but we need to use it sparingly. In NCC's portfolio of stone materials, NCC Machine Sand provides an industrial scale alternative* for natural sand. NCC Machine Sand is based on rocks that are crushed, sieved and refined to meet customers' requirements in various applications.

**In Denmark, where there is no bedrock for crushing, we produce similar products using natural sand or gravel. The product is called NCC Dry Sand.*

NCC Machine Sand can replace natural sand or gravel in concrete production, asphalt production, sports and recreational infrastructure and civil engineering projects. It is also suitable for de-icing, fertilizing and as sealing layers, among others.

NCC Machine Sand means quality

Every time you select NCC Machine Sand, you both save natural sand and help achieve high quality in your own product. Made to replace natural sand or gravel, NCC Machine Sand is an impeccable material for prod-

ucts such as concrete. It reduces the share of cement you need – making your carbon footprint lighter.

In fact, the consistent and monitored particle sizes are a starting point for a value chain of construction quality. It reaches all the way to the asphalt of your street or to your house's strong cornerstone.

NCC Machine Sand is a local product

Since natural sand and gravel should be saved for environmental purposes, we have set up NCC Machine Sand production sites across Sweden and Norway to cover the need.

NCC Machine Sand is efficiently transported as a local product to our customers who include concrete and asphalt sites, stone processing companies, municipal outdoor facilities managers and infrastructure contractors.

As for the local community, NCC Machine Sand production sites mean rapid access to key construction materials nearby.

NCC Machine Sand saves natural sand and gravel

The modern society wants to balance the needs of progressive community development and natural environment. The construction materials industry has an important role in this. As a sign of our commitment to the common good, NCC Machine Sand saves natural sand and gravel which filter and purify ground water.

NCC Machine Sand is an industrial equivalent to the Danish natural sand based NCC Dry Sand. In Sweden and Norway, the tough bedrock is a perfect source for machine sand production. By crushing the rock in a

quality managed process, we save the sand reserves as much as we can to the joy of the coming generations.

Concrete and asphalt producers and contractors

Delivering concrete or asphalt exactly according to specifications is more than a must, it directly influences the quality of construction and infrastructure. Therefore, it is our mission to manage and monitor the production process so that we always deliver sand with uniform quality.

Industrial stone producers

A growing sector in construction materials, industrial stone producers manufacture paving stones, binders, fillers and so forth to enhance the quality of urban environments. NCC Machine Sand, being an even and standardized material, suits these needs ideally.

Municipal facilities managers

The sports and recreational facilities as well as community surroundings reflect the value of life that people experience. Therefore, managers of common property put a heavy emphasis on both quality of sand as well as its local source – as it reduces the length of transportation.

End users

For the local people, sand on the road or the firmness of a concrete wall is what they expect. They take it for granted. What they want to know today is how the rock crushing site affects water quality by saving precious sand – the principles of the operation, in other words. We trust in our competitiveness in this as well.

NCC Machine Sand is produced in Sweden and Norway.



The most common uses of NCC Machine Sand

- Concrete in houses, buildings and infrastructure
- Concrete in paving stones
- Binders for cement
- Cable sand
- Sand for artificial turf