

Showing the way

Bornholm without waste 2032



BOFA – Bornholms Affaldsbehandling (Bornholm’s Waste Treatment) has since 1986 handled the island’s waste. We are one of Denmark’s smallest waste management companies and part of the Regional Municipality of Bornholm. Our approximately 40 employees are distributed across most of the island.

BOFA serves the whole of Bornholm and ensures that all “Bornholmers” can get rid of their waste in an environmentally sound manner. We handle about 75,000 tonnes of waste a year, with extra pressure during the summer months due to the island’s many visitors.

BOFA’s main tasks are to plan, establish and operate waste management facilities, ensuring that as much waste as possible is reused or recycled.

We have our own incineration plant, landfill and six container sites. In addition, we have a large number of environmental stations in the holiday home areas.

As part of Bornholm’s Regional Municipality and the vision “Bornholm Shows the Way – without waste 2032”, we support Bornholm’s overall green strategy – Bright Green Island. Here, sustainability is at the center of the island’s future development.



We handle ³
approximately
75,000 tonnes of
waste per year.

(2018)



By 2032 we will treat all waste on Bornholm as resources

Vision: In 2032, there is no longer any waste on the island – everything that is thrown away is a resource that can be recycled for the benefit of the whole community.

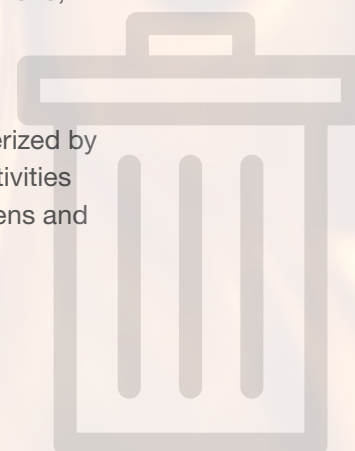


In 2032 we shut down the incinerator on Bornholm

When we shut down the incineration plant in 2032, we enter a new era without waste on Bornholm. Bornholm will be the first place in the world where there is no longer room for waste – everything that we today consider as waste should instead be part of a resource cycle. This means that we need to think along new lines and find new ways in which we can manage resources. BOFA's ambitious plan requires lots of good ideas and committed partners, so we are of course always open to new and exciting ideas and fruitful partnerships.

The efforts to manage the waste as a resource has long since begun, so that from 2032 we do not produce any combustible residual waste. To make the plan a reality, we have worked closely with citizens and companies on Bornholm, and will, among other things, focus on the following areas:

- In households and companies, all waste is sorted so that it can easily be included in new resource cycles.
- Organic waste is transformed into a resource for composting or biogasification.
- The Bornholmers take the lead and recycle everything from furniture to children's clothing and use local sharing economy services.
- Schools and day care centers etc. prevent the formation of waste through sustainable and waste-minimizing purchases combined with new resource-saving technologies and waste solutions.
- Bornholm's children and youth are, as the first in the world, trained as "resource pilots" through practical and hands-on work with waste, resources, environment and nature.
- A waste and resource cluster has been established by both new and established companies on Bornholm through several years of targeted efforts. The resource cluster serves as a knowledge center and international showroom for Danish waste solutions, technologies and know-how.
- Bornholm, in collaboration with several knowledge partners, has established an education and research unit for green and circular economy. The unit is characterized by evidence-based and practice-oriented education, research and development activities that are created in close cooperation with the island's business community, citizens and public institutions.

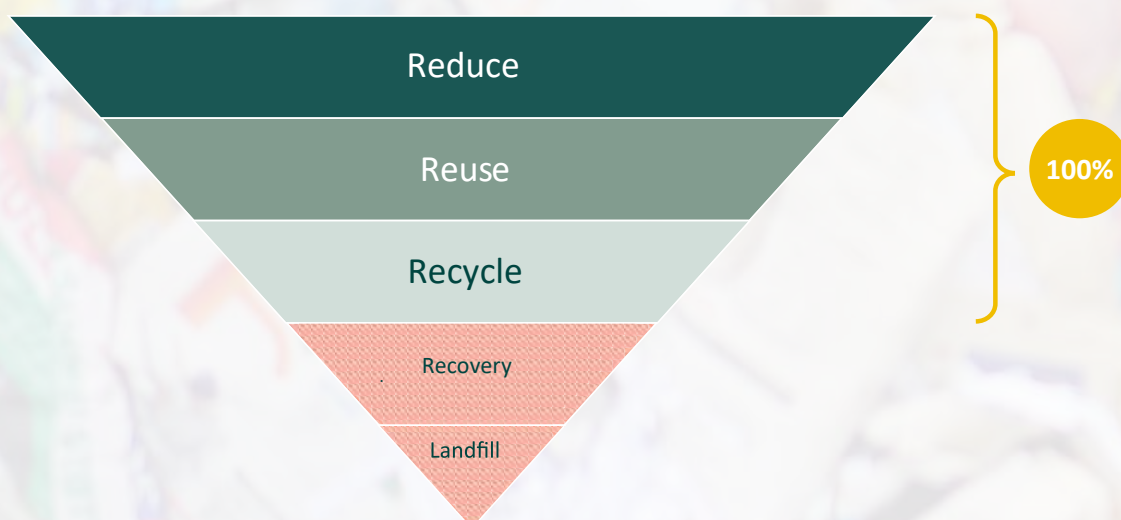


We are committed to taking waste seriously

In 2015, the EU decided that waste should be viewed in different ways, and a hierarchical model emerged. The model is actually quite simple and merely emphasizes the importance of waste prevention, reuse and recycling rather than incineration and landfilling.

At BOFA, we have always had a strong focus on waste prevention and recycling, and therefore the waste hierarchy is a natural way for us to work. However, we have decided to take the hierarchy to a new level and have started work on focusing 100% on the upper part of the hierarchy.

Waste hierarchy



The waste hierarchy – Anyone working with waste is required to handle this in accordance with the waste hierarchy. This means that, in short, we must as widely as possible prevent waste, prepare for recycling and recycle waste in order of priority before incineration and disposal. In short, this means that waste that can be recycled must be recycled.





How do we get there?

Below is a table with examples of specific initiatives that we are launching towards 2032. The first steps have already been initiated.

The table is divided into three periods:

1. 2019-2022, where we are familiar with current requirements and efforts.
2. 2023-2026, where we have expectations to the regulatory requirements and available technologies.
3. 2027-2032, where we cannot predict the forthcoming regulatory requirements and technological developments

EXAMPLES OF MEASURES FOR SPECIFIC FRACTIONS	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Small burnable items														
Waste from municipal companies and institutions														
"Denmark without waste"*														
Local outlet for wood														
Construction waste														
Waste from commercial and industrial activities														
Other plastics														
Waste from bulky waste														
The bothersome household waste**														
Insulation materials														
What we don't know about as yet														
Hazardous waste														
Waste for landfill														

Note: * National Resource Strategy, the seven fractions and 50 % recycling

** Cotton swabs, packed lunches, nappies etc.

The Waste Tower
is an old water
tower built in 1936.



BOFA – a part of Bright Green Island

Bornholm has a strategy of being a sustainable and climate-friendly island community in 2035. The strategy for Bright Green Island is underpinned by the UN's 17 sustainable development goals. Read more at www.brightgreenisland.dk

The vision "Bornholm Leads the Way – without waste 2032" is closely linked to Bornholm's strategy for a sustainable and CO2-neutral society. Here we work directly with Bornholm's goals from Bright Green Island. At BOFA, we focus, among other things, on:

- Bornholm makes sustainability a good business.
- Bornholm keep account of the green transition.
- Bornholm will at all times be a model for a climate-friendly society.
- When I am on Bornholm, I am part of Bright Green Island.

Visit BOFA's Waste Tower and learn more about waste

We welcome around 3,000 guests annually in the Waste Tower for a free tour and lectures on good waste management and sustainability. We are visited by day care centers, schools, curious citizens and foreign delegations. You can also visit the Waste Tower and learn more about "Bornholm shows the Way – without waste 2032" and much more.

Book your visit to the Waste Tower at www.bofa.dk



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