



Waste management at Roskilde Festival

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About me

- Sif Rantzau Klemp
 - MA Social Entrepreneurship and Management, RUC
- Nabogo, 2020
 - Carpooling integrated with public transportation
- Roskilde Festival, 2016
 - Volunteer at Team Waste Management
 - Coordinating waste management systems
 - Communications
 - Volunteers Management



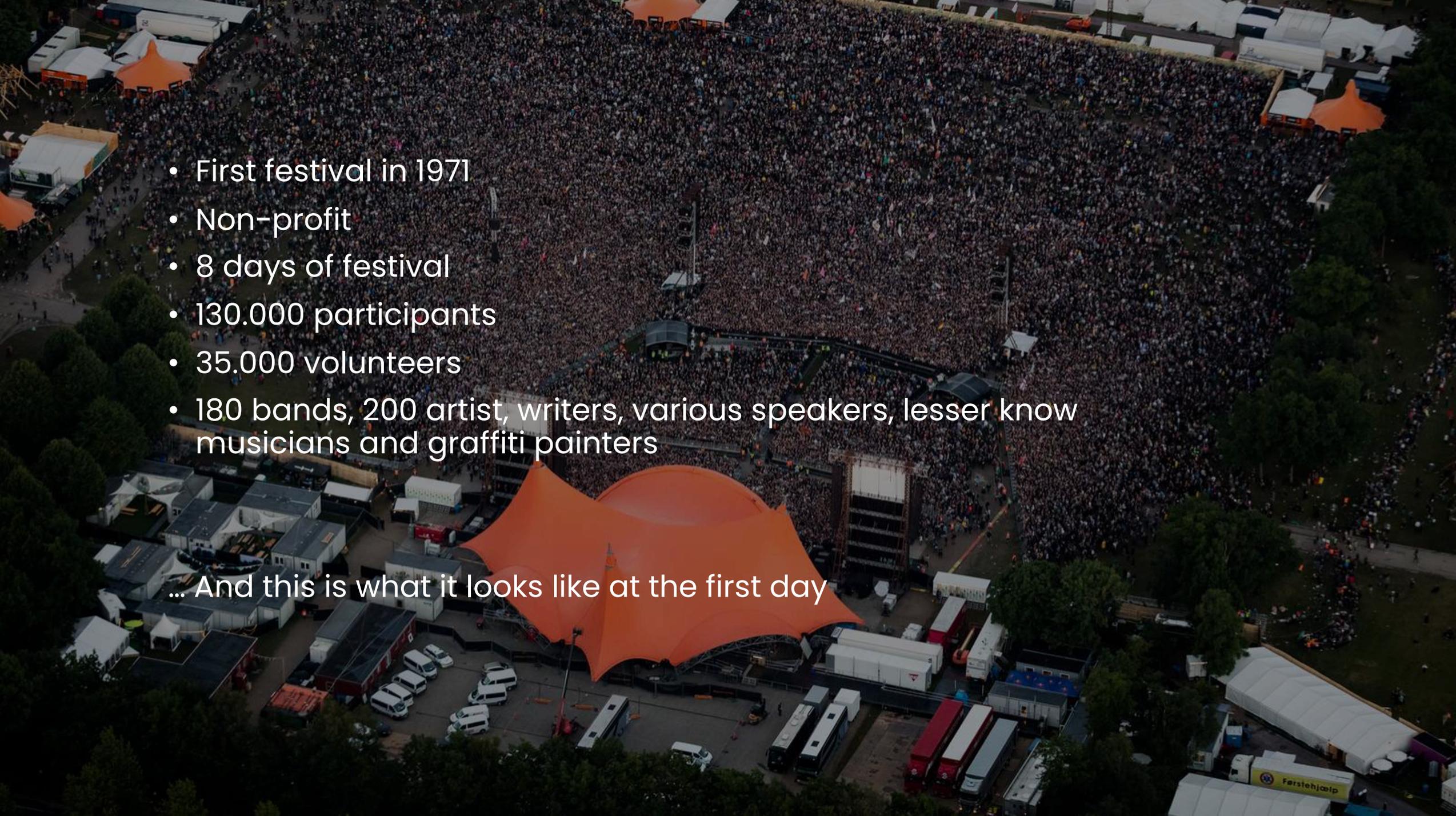
An aerial photograph of a massive festival crowd. The crowd is dense and fills most of the frame. In the foreground, there is a large orange tent structure. To the left and right, there are various festival structures, including white trailers and trucks. The text "How many have been at a festival before?" is overlaid in white on the crowd.

How many have been at a festival before?

An aerial photograph of a massive festival crowd. The crowd is dense and fills most of the frame. In the foreground, there are several large orange tents and a stage area. The background shows more festival infrastructure, including white tents and trucks. The overall scene is a large-scale outdoor event.

How many have been at a festival before?

How many have been at Roskilde Festival before?

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- An aerial photograph of a massive music festival at dusk. The central area is a large, dark, rectangular stage area, completely surrounded by a dense, multi-layered crowd of people that extends to the edges of the festival grounds. In the foreground, there are several large, bright orange tents and numerous white and red trucks parked in a lot. The background shows more festival infrastructure, including white tents and trees. The overall atmosphere is one of a large-scale, organized event.
- First festival in 1971
 - Non-profit
 - 8 days of festival
 - 130.000 participants
 - 35.000 volunteers
 - 180 bands, 200 artist, writers, various speakers, lesser know musicians and graffiti painters

... And this is what it looks like at the first day







The largest amount of waste comes from the festival's camping areas. A lot of the waste is created during the festival, but a lot is also left behind. A large part of this is usable camping equipment.



We often experience that our guests are willing to use our systems



But often the capacity from the campside cannot fit our systems – especially on the last days of the festival.

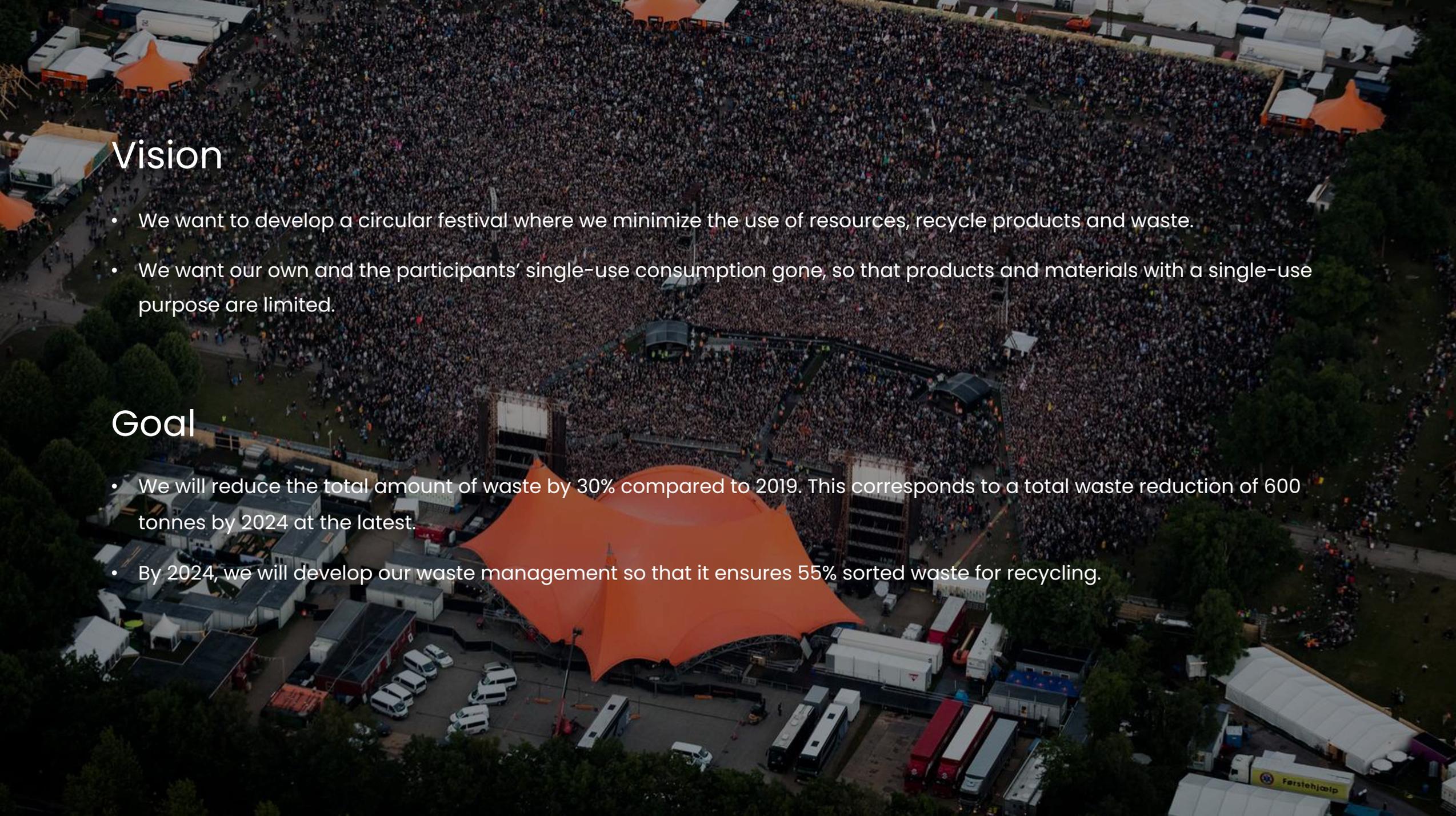


In 2019, we spent approximately DKK 8 million on our waste management. The amount covers all costs for e.g. rental of equipment and disposal of waste.



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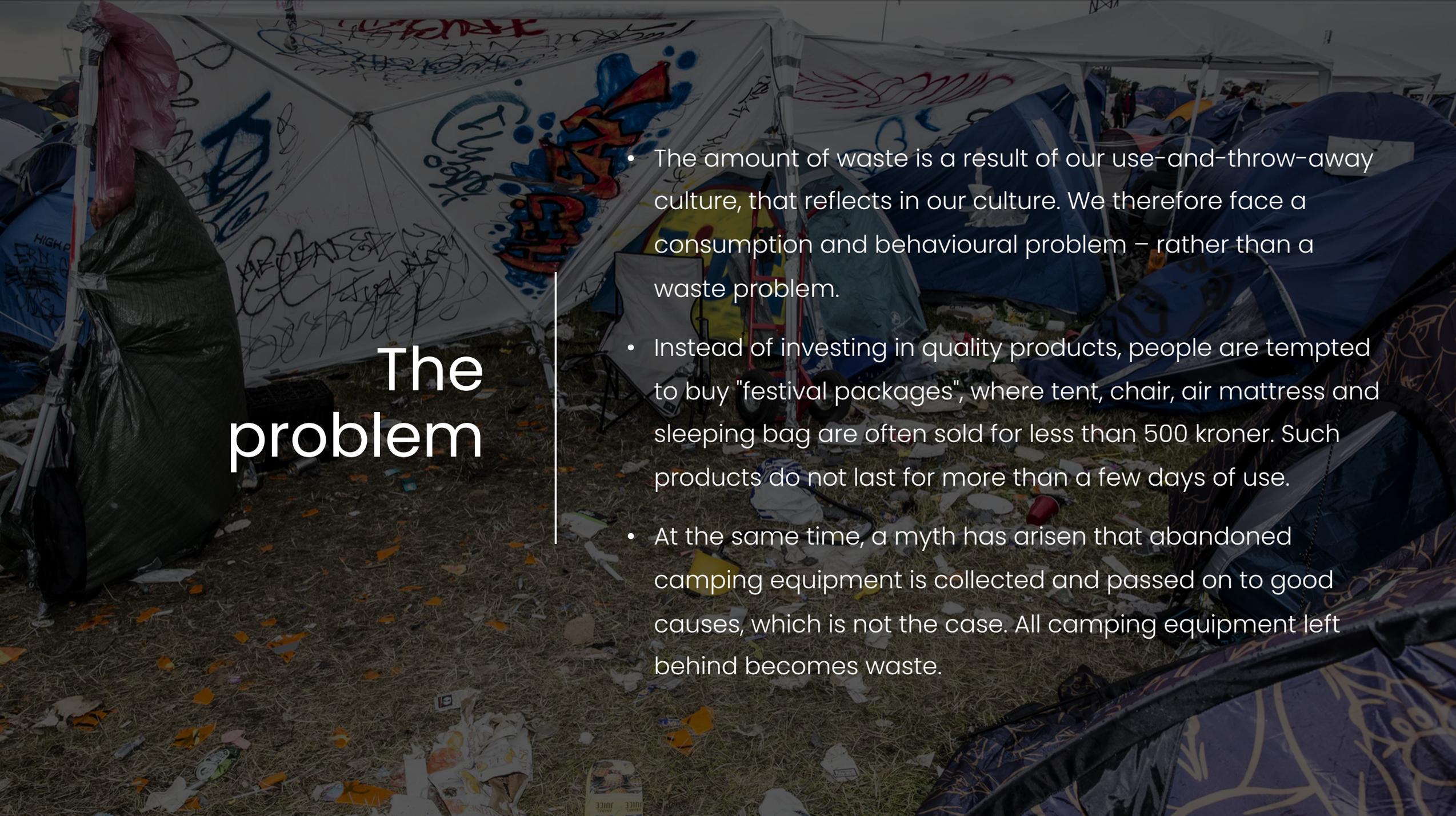


Vision

- We want to develop a circular festival where we minimize the use of resources, recycle products and waste.
- We want our own and the participants' single-use consumption gone, so that products and materials with a single-use purpose are limited.

Goal

- We will reduce the total amount of waste by 30% compared to 2019. This corresponds to a total waste reduction of 600 tonnes by 2024 at the latest.
- By 2024, we will develop our waste management so that it ensures 55% sorted waste for recycling.



The problem

- The amount of waste is a result of our use-and-throw-away culture, that reflects in our culture. We therefore face a consumption and behavioural problem – rather than a waste problem.
- Instead of investing in quality products, people are tempted to buy "festival packages", where tent, chair, air mattress and sleeping bag are often sold for less than 500 kroner. Such products do not last for more than a few days of use.
- At the same time, a myth has arisen that abandoned camping equipment is collected and passed on to good causes, which is not the case. All camping equipment left behind becomes waste.

Design og consumption

- We must design us "out of the problem" and we must use our products in a smarter way that creates less waste.
- This means, we must design and build the festival so that products and materials have a longer life.
- At the same time, we want to design our festival so that less waste is created.
- Finally, we will increase recycling.

Waste management for recycling

- Our waste management is primarily designed for the collection and clean-up of large amounts of waste. Now we want to increase opportunities for recycling and sorting for recycling.
- We need to design our waste management in a way, where sorting for recycling is given higher priority. We will offer solutions that support that participants, stalls and partners can get rid of and sort their waste – but we will not clean up after either the participants or others.
- At the same time, we must ensure that urban planning supports the waste management.

A close-up photograph of a glass filled with a red beverage, ice cubes, and two lemon slices. The glass is on a wooden surface. In the background, there are other glasses and a blurred setting, possibly a bar or restaurant. A semi-transparent dark blue overlay covers the entire image, and white text is overlaid on the left side.

1.654.000 disposable mugs were replaced with recycled mugs.

500.000 plastic straws were removed.

A blue folding camping chair with a cup holder on the left armrest. The chair is made of a dark blue fabric and a silver metal frame. It is positioned in the center of the frame against a light gray background.

Spejder Sport repurchased 2.000 camping chairs from the participants. The chairs were to be resold before and during the festival in 2021.



The recycling organization Utopia Camping Solutions brought 550 tents to other European festivals.

A top-down view of a wicker basket filled with various food and beverage items. A gloved hand is visible at the top, reaching into the basket. The items include a package of Wasa bread (SINCE 1919), several cans of beer (including 'Dizzy Mizzi ANNE SA', 'Gron VIND BILLETTER', and 'ROYAL EXPORT'), and several red apples. The basket is placed on a surface of dry grass and straw.

23 tons of foods and goods were redistributed to social organisations through social programs.

A stack of wooden planks is shown, with the GENTRÆ logo and name printed on several of the planks. The logo consists of two stylized, interlocking shapes. The planks are stacked on a concrete floor. The text is white and centered on the image.

9 tonnes of used wood were resold as recycled wood and
a 8.8 tonnes were upcycled through GENTRÆ.



Identity
Camping

Regular
Camping

Infrastructure

- Our recycling stations: Can we design those to make recycling more inspiring, involving and fun?



Infrastructure #GUMWALL

- Our recycling stations: Can we design those to make recycling more inspiring, involving and fun?
- How do we rethink/redesign our 5.000 trans cans?

A black and white photograph of three people sitting on a concrete bench outdoors. They are wearing festival-themed t-shirts and sunglasses. The person on the left has a t-shirt that says 'FESTIVAL SERVICE'. The person in the middle has a t-shirt that says 'FESTIVAL'. The person on the right has a t-shirt that says 'ROCK FESTIVAL'. They are all smiling and looking towards the camera. The background shows a bright, sunny day with some structures and trees.

Infrastructure

- Our recycling stations: Can we design those to make recycling more inspiring, involving and fun?
- How do we rethink/redesign our 5.000 trans cans?
- How do we engage our own volunteers better?

Infrastructure

- Our recycling stations: Can we design those to make recycling more inspiring, involving and fun?
- How do we rethink/redesign our 5.000 trans cans?
- How do we engage our own volunteers better?
- Communication before, under and after RF

What we don't want to do...



An aerial photograph of a large outdoor festival. A massive crowd of people fills the central and upper portions of the frame. In the lower center, a large, bright orange tent is prominent. Surrounding the tent and crowd are various festival structures, including white trailers, trucks, and smaller tents. The scene is set in a park-like area with green trees visible on the right and bottom edges.

What we don't want to do..
is rewarding good behaviour..

An aerial photograph of a large outdoor festival. A massive, dense crowd of people fills the upper two-thirds of the frame. In the lower third, a large, bright orange, multi-lobed tent is the central focus. Surrounding the tent and crowd are various festival structures, including white trailers, trucks, and smaller tents. The scene is set in a park-like area with green trees visible on the right and bottom edges.

What we don't want to do..
is rewarding good behaviour..
... in the classical sense

An aerial photograph of a large outdoor festival. The central area is filled with a massive, dense crowd of people. Several large, bright orange tents are scattered throughout the festival grounds. In the foreground, there are numerous white and grey trailers, some with red accents, parked in a designated area. The background shows more festival structures and greenery.

What we don't want to do...

is rewarding good behaviour...

... in the classical sense

... We want to reward our guests with a better RF experience – by giving them privileges!



Why not donate the camping equipment to charity?

When it takes 80.000 people to set up camps, it also takes many thousands to repack them. The task is not practically possible. In addition, the camping gear is often left in a very poor condition and is not suitable for further use.



Why not have a deposit systems for camping gear?

It is not practically possible to handle and administer a deposit system for camping products at a temporary event that corresponds in population to Denmark's fourth largest city. And not at all on products and materials that are often produced in very low quality.



Thank you for your time.

Questions?