



The role of transports in the circular economy

Profitable and efficient transports are based on resource efficiency

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- Welcome to Bring Frigo!
- Food logistics with a positive environmental impact
 - Case Matmissionen
 - Case Ekopallen
- The role of transports in the circular economy

Welcome to Bring Frigo!

- We are a part of Bring, owned by Posten Norway A/S
- Our core business is transport and storage of chilled and frozen foods
- Our vision is to be the food industry's first choice for tempered logistics services
- Bring Frigo has approx. 960 employees and has a turnover of about 2.7 billion SEK (2015)
- We have our base in the Nordic countries but are also present in France, Spain and the Netherlands (2015)



The external environment for the Posten and Bring Group



- The environmental vision for the Posten and Bring Group is:

“Norway Post and Bring's environmental vision is 'to work in a goal oriented manner to achieve environmentally efficient operations and sustainable development - leading to it becoming the world's most future-oriented mail and logistics group.’”

- CO2 goal no 1: reduce CO2 emissions by 30% 2008-2015 (achieved in 2014)
- CO2 goal no 2: reduce CO2 emissions by 40% 2009-2020
- Focus on renewable fuels, eco driving, increased fill rate, energy efficiency in real estate and operations



Food logistics with positive environmental impact 1:

Reduction of food waste

- We would need 3.7 globes if everyone in the world lived the way we do in Sweden
- We throw away a lot of food in Sweden = food waste
- The production of the food wasted each year corresponds to emissions of:
 - approx. 2 million tons of CO₂
 - approx. 3% of the total green house gas emissions in Sweden
- The food waste occurs throughout the whole food value chain

Producer → Warehouse → Wholesaler → Distributor → Grocery store → Consumer

- Reducing food waste means reducing the food chain's unnecessary environmental impact and thus reducing the CO₂ emissions



Matmissionen* is the first “social supermarket” in the Nordics

- Matmissionen is a project in cooperation between Stockholms Stadsmission and Axfood
- Bring is co-financing the project together with about ten food producers
- Matmissionen is a grocery store which reduces food waste by selling food stuffs that...:
 - ...are close to “best before date”
 - ...for other reasons cannot be sold in an ordinary grocery store (e.g. damaged packaging)
- The store opens in Rågsved in December 2015

*) “Food Mission”

Source: Stockholms Stadsmission



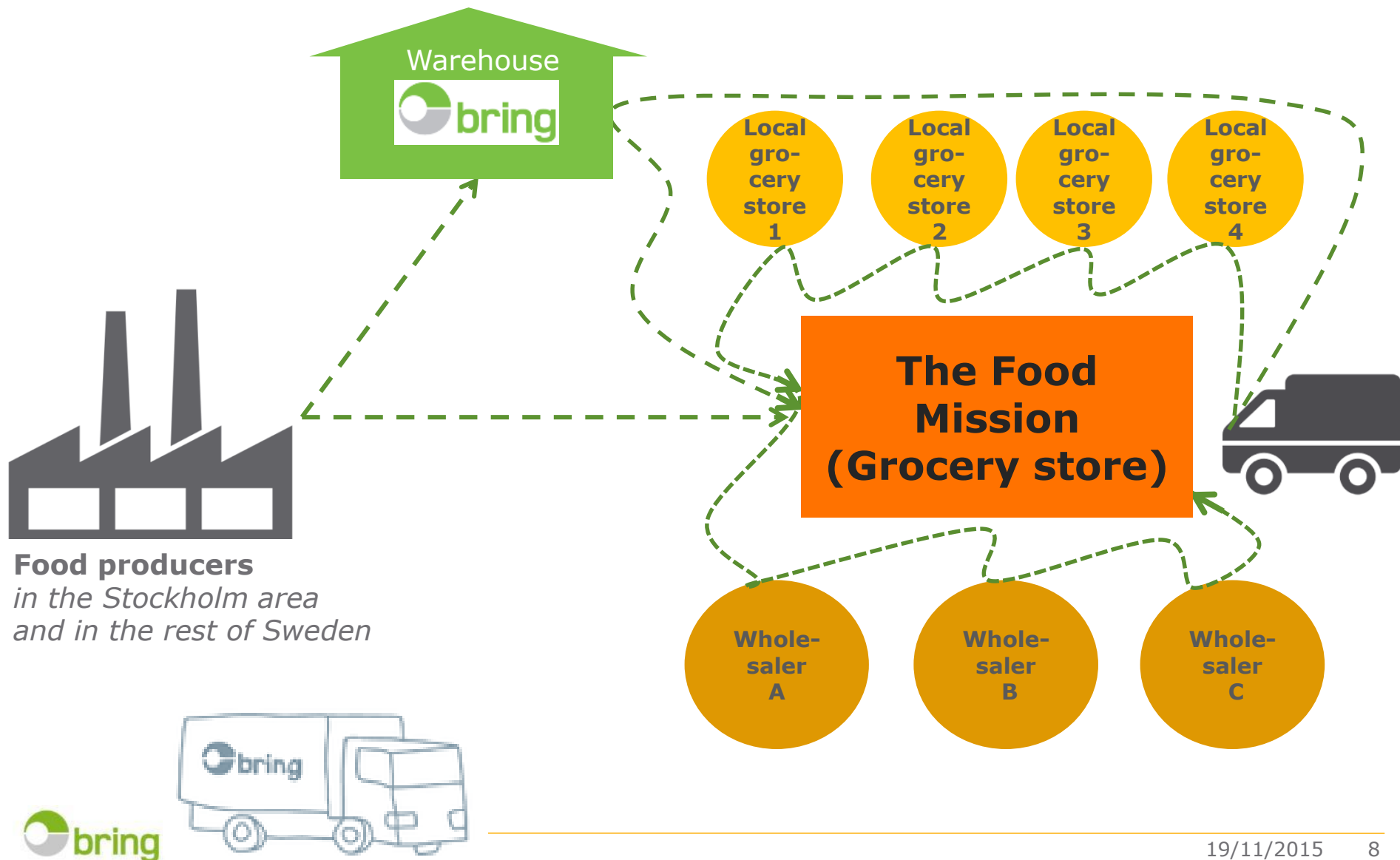
The objective is to make use of over 200 tons of food surplus

- The objective for the store is to sell 200 tons of food in 2016
- The store is open for anyone to shop in, but a membership that entails a price discount is offered to people living in financial vulnerability
- Job training in the shop is offered to 20 people who are long term unemployed and outside the labour market
- Bring participates as a logistics partner with competence and resources in food logistics for tempered goods



Source: Stockholms stadsmission "Stockholm City Mission"

"Social supermarket" – the logistics system solution



The values created through the concept of "social supermarket"

- For **society**, there is a positive environmental impact in making use of food that would otherwise become garbage
- For **producers/wholesalers/grocery stores** the environmental impact is more or less neutral – without this concept the products would have been transported to a waste disposal plant
- For a **logistics partner** this concept has a positive environmental impact through
 - increased fill rate in warehouses for chilled and frozen food
 - increased fill rate in currently operating trucks if they are already distributing other goods to grocery stores and wholesalers in the area
- For **people in need of support** the concept brings food at lower cost and job opportunities
- For **all parties involved** the objectives regarding the environment and social responsibility make us proud to participate in the project



DAGENS NYHETER.

Record-high demand for organic food this year

SVENSKA DAGBLADET

Shortage of organic food causes long transports

Sales of organic products have shown a historical break through in Sweden during 2014 with an expected increase of more than 30 percent. But in order to meet the demand of the products that customers perceive as healthy and sustainable, the industry is forced to increase their import of organic food.

DAGENS NYHETER.

The demand for organic food is increasing at record rates

SVD NÄRINGS LIV

Strong year for organic food

Sales of organic products in Sweden increased by 11-12 percent during 2013, says Krav. But the industry is struggling with a surplus of meat and shortage of fruit and vegetables.

DAGENS NYHETER.

“The demand is larger than the supply of organic food”

EXPRESSEN

Organic food strikes sales record

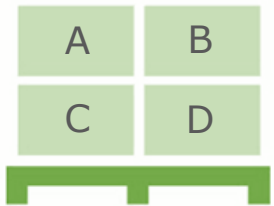
Food logistics with positive environmental impact 2: **Coordinated logistics solution for small organic volumes**

- The company **Ekopallen** collects smaller producers/suppliers of organic food stuff who themselves lack capacity to reach the market and get their products "listed" and purchased by the larger wholesalers
- Bring is the logistics partner of Ekopallen in this concept, supplying:
 - Warehousing services
 - Transports
 - Information system/administrative solutions
 - Competence regarding tempered food logistics
- The company Ekologiska säljbolaget performs the sales services for all the producers
- Start up was in February 2015 on a small scale. From September 2015 Bring delivers regularly to grocery stores in the south of Sweden and the next step is to the whole of Sweden
- Today there are 9 food producers in the system, they will soon be 13
- Focus is initially on grocery stores; the plan is to find opportunities to deliver to restaurants as well





EKOPALLEN



The values created through the concept of “Ekopallen”

For producers of organic food

- Get external sales and logistics capacity – less internal resources needed
- Co-loading = environmentally efficient logistics
- Opportunity to “list” *all* their products with the wholesalers

For logistics partners

- Increased fill rate = positive environmental impact
- Secured service level

For grocery stores/consumers

- Single point of contact – one pallet – one invoice
- Larger selection of organic products

For society

- Increased availability of organic food – both in terms of volume and variety
- Reduced negative environmental impact in the logistics system



The role of transports, or rather the role of the logistics companies, in the circular economy

- New concepts provide new opportunities for creating positive environmental solutions that lead to other value adding effects
- Widen the concept of “the role of the transporters in the circular economy” to “the role of **logistics companies** in the circular economy” to go one step further towards new logistics solutions
- Develop new concepts at the same time as we maximize environmental optimization of "everyday logistics" in line with changing patterns and structures for transport purchasing



THANK YOU!



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