

# Hungarian Food Bank Association



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president



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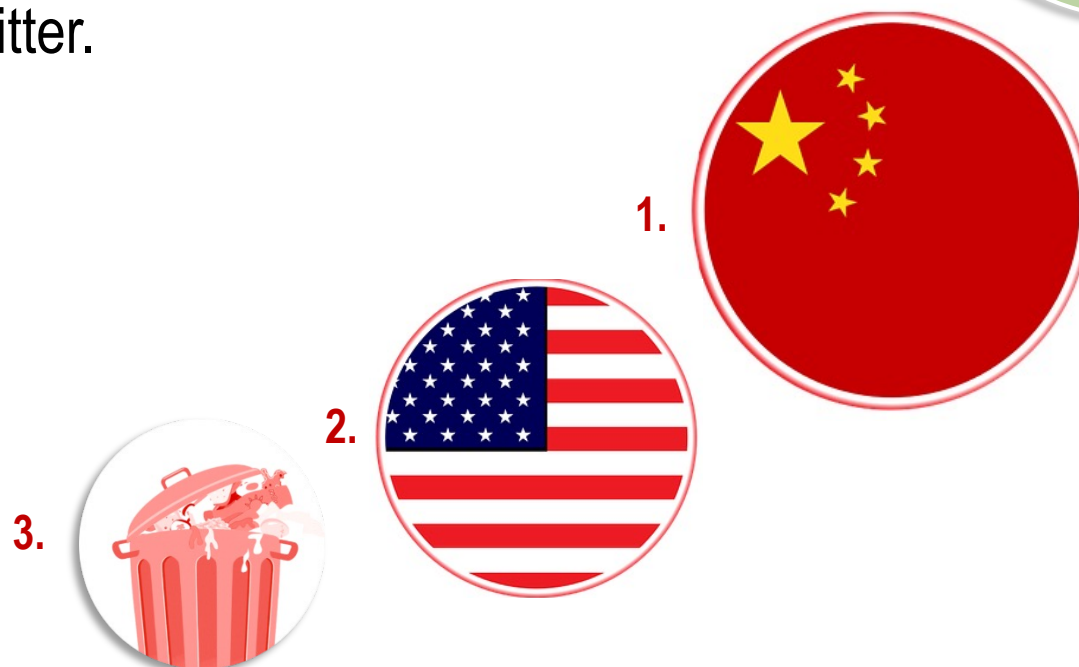
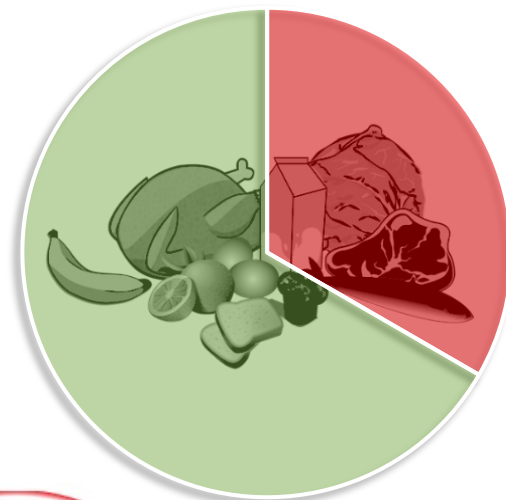


# Food waste in the world and in Hungary

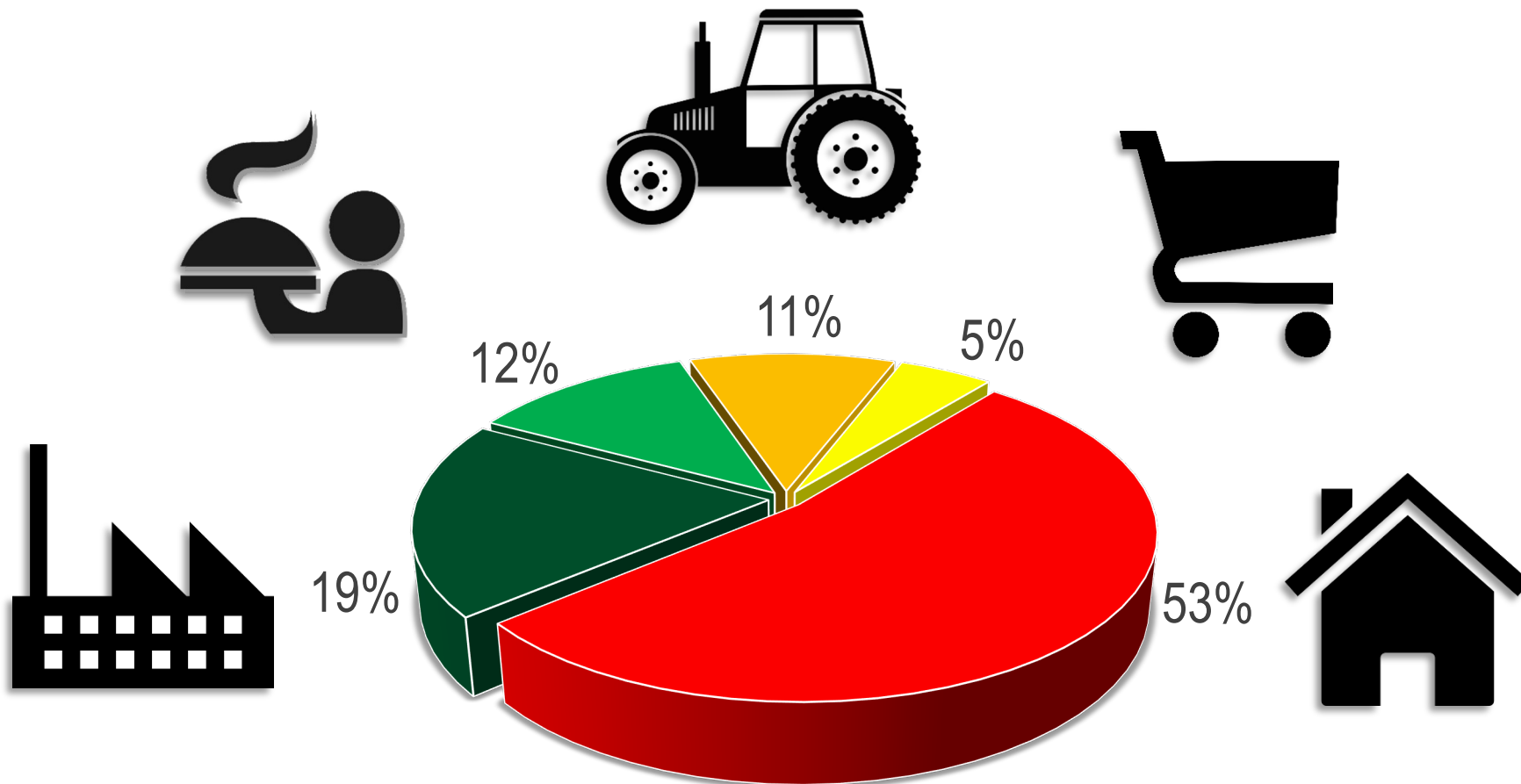


# Food waste globally

- **1/3** of the produced food won't get to human consumption.
- If the food waste would be a country, it would be the **3.** biggest emitter.



# Waste production in Europe



# Waste production in the food chain

On which stages of the food chain will be the waste generated?



On every stage!



**Developing countries:**  
40% of the waste will be generated on the fields, after the harvesting and during the processing.

Food waste per head & in total.

**Rich countries:**  
50% of the waste will be generated in the households, so we throw it out.



# Food waste pyramid

The best waste, which isn't generated!



**1. PREVENTION**

**2. REUSE**

**3. RECYCLING**

**4. ENERGETIC  
UTILIZATION**

**5. LANDFILL**



# Hungarian Food Bank Association



Magyar  
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# Activities of the Hungarian Food Bank Association

Connecting food surplus and people in need



## Food Bank

- ✓ **250 000** supplied indigent people included children, families
  - ✓ Partnerorganizational net country-wide
  - ✓ In 2022 **9 000** tons of saved food



# Goals and fundamental principles



## Hungarian Food Bank Association:

- **Non-profit** organization
- Member of the **European Food Banks Federation**



- **Double goal**
  1. Collecting of food waste – Reducing of environmental foodprint
  2. Fight against deprivation and malnourishment – Helping indigent people
- **Positioning**
  1. Environmental protection and aid functions in one
  2. Provider (towards food companies) & Supplier (towards charity organizations)
- **Coverage:** whole Hungary
- **Fundamental principles:** freeness & independence



# Food Banks in Europe

The European Food Banks Federation (FEBA) works in collaboration with 24 Full Members and 6 Associate Members in 30 European countries.



# Our operation



## Food retail

- Partners: **Tesco, Auchan, Aldi, Metro, Penny, Lidl**
- Saving food from over **600** stores



## Food processing

- Over 100 partners
- Food Bank stores and divides it until expiration

In 2022 **9 000 tons** of saved food!





# Distribution of donations



Handing over food for free



Provision of 250 000 indigent people: about 2/3 are families, children, but there are elderly people, disabled people and single people.

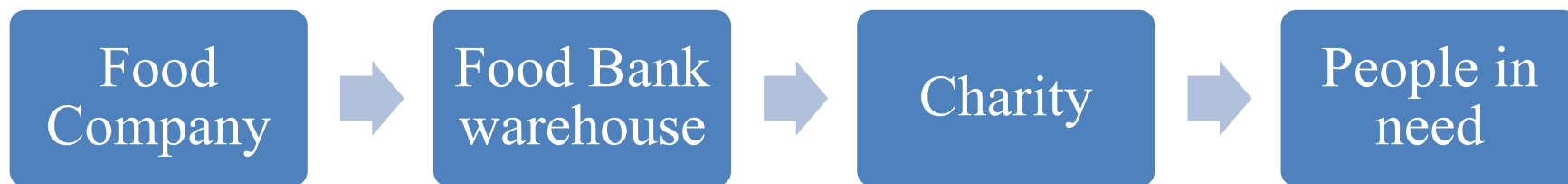
Reaching indigent people through **social caritative organizations**

**Supervision** of work of the divider organizations, following of the division until the endpoint



# Main operational processes

## Centralized distribution



## Decentralized distribution



# Impact of food saving from the aspect of sustainability

**9 000 tons** of food was saved



How large is the impact of it from the aspect of sustainability?

**~20 000 tons of CO<sub>2</sub>** reducing foodprint

- that is the CO<sub>2</sub> capture of a forest in the size of the Széchenyi-hill yearly



**~1 500 000 m<sup>3</sup>** reducing of water footprint

- that is the yearly citizen water consumption of a city in the size of Cegléd





# The „extra” benefits





# Food waste in the households



# How much food per head do we throw out in Hungary?

# 60 kg / person / year

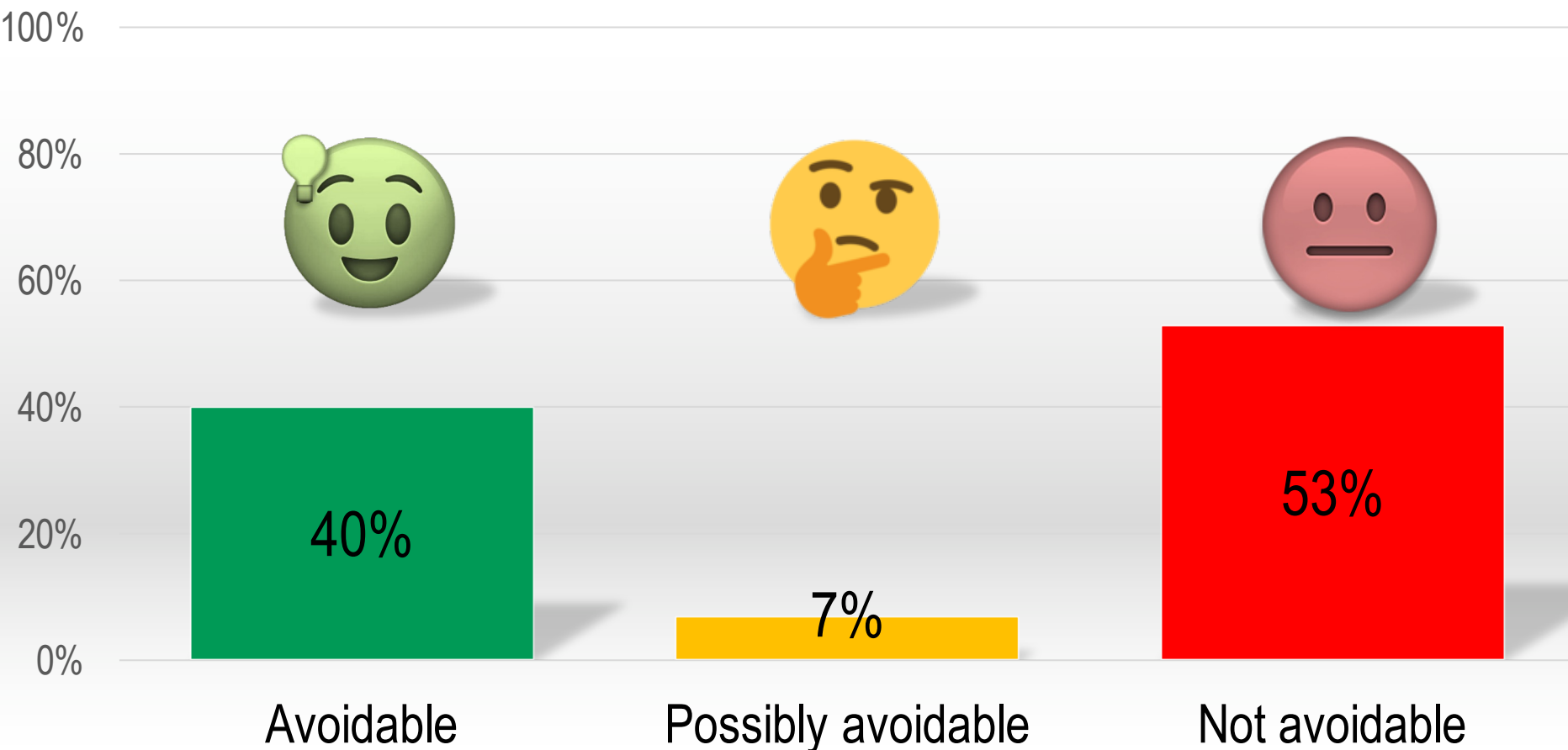


Forrás:  Maradék nélkül  
maradeknelkul.hu



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# Types and proportions of thrown out food



Forrás:  Maradék nélkül  
maradeknelkul.hu



# Social environment

- **Smaller household**
  - Food waste is less avoidable
- **Financial situation**
  - Spendable income ↑
  - Income proportion spent on food ↓
  - Fridge size ↑
- **Lack of awareness and knowledge**
  - Incorrect practice



# Consume by date vs Best before date



## USE BY DATE

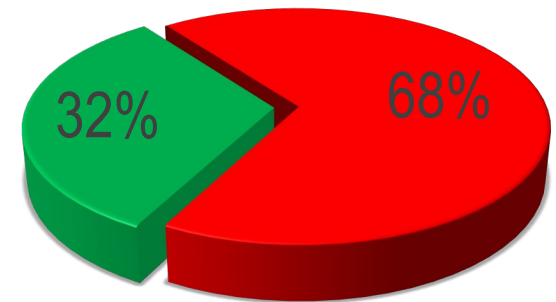
After this date the consumption of food is **no longer safe**.



## BEST BEFORE DATE

After this date the food loses quality, but its consumption is not yet risky.

Hungarian consumers with these terms



Knows it (green square) | Doesn't know it (red square)

Forrás:  Maradék nélkül  
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# Awareness in the whole process

✓ Planning



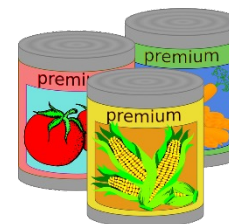
✓ Shopping



✓ Cooking



✓ Storage



✓ Freezing



# Thank you for your attention!

[www.elelmiszerbank.hu](http://www.elelmiszerbank.hu)

Sources:



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