

HUKKA

Impact of Food waste and case examples of reducing it

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Impact of Food waste & Case examples of reducing it



Food waste Prevention is the KEY– but where are the tools?



Impact of Food Waste globally and in Ireland



1/3 of all food grown is never eaten



Global cost of food waste, which is expected to grow to \$1,5 trillion by 2030



Annual food waste cost in the Restaurant & Food Service sector in Ireland



It takes a land mass larger than China to grow the food each year that is ultimately never eaten



Food waste is responsible for 8-10% of the Global CO² emissions



Food wasted in the Restaurant & Food Service sector in Ireland every year



If food waste was a country, it would be the 3rd largest greenhouse gas emitter in the world



150kg of Food waste per household in Ireland



Median benefit-cost ratio for businesses decreasing food waste

Half of the Food waste could be prevented

Example is based on company, which has 50 sites and in one site is been served 300 meals per day. GOGS is 1€ / meal and Food waste percentage was 17%.



1 285 750 kg



3 17 500 €



LAHTI

winner 2021



EUROPEAN
GREEN CAPITAL

An initiative of the
European Commission



A sustainable future calls for action, not just talk.

This is why we make bold environmental choices every day in Lahti together with universities, companies and the residents. We are a pioneer of smart, sustainable solutions and the European Green Capital 2021.

As the Green Capital, we will highlight the best European environmental solutions, support the climate goals of Lahti and the whole Finland and start ambitious cooperation projects. We will make the long-term environmental work in Lahti known both in Finland and around the whole world and make sure that the citizens' everyday life in the city is smooth.

[STORY OF LAHTI](#)

Lahti - European Green Capital 2021

Lahti's *European Green Capital* projects: Waste watchers

1

Being part of Päijät Häme catering company in Lahti's Waste watcher initiative.

2

Our software has been utilized in every primary, secondary and high schools and most of the nurseries in Lahti region.

3

Successful collaboration continues after Green Capital year





Goal to become Carbon neutral city by 2025!



The business case for Food Service operations is strong – decreasing food waste has direct bottom line benefits

Almost **60%** of food waste could be salvaged or avoided

Food cost represents on average **30-35%** of the total cost

Halving food waste can save **3-10%** in food costs on average

In addition to  potential in energy, water, personnel and waste costs

There is also a **strong nonfinancial business case** for reducing food waste in terms of sustainability, regulation, brand recognition and ethical responsibility.



**No trade-offs:
sustainable
operations with
financial returns and
a strong business
rationale**

Food waste management is day-to-day work

**Key to success in reducing waste:
Active monitoring & Speedy reaction to
changes**

**Staff's mission is to make the best quality
food and serve the customer**



“What you can’t measure, you can’t change”

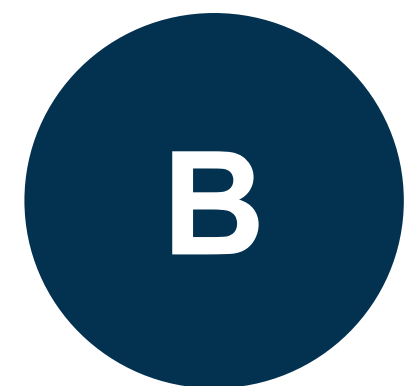


Our solution :
Food Waste Management
- Operational & Educational

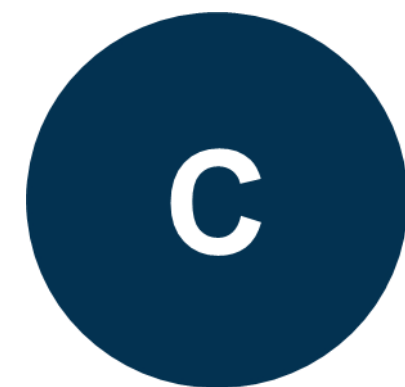
The process is simple



Hukka's cloud-based tracking system **knows restaurant's costings and menus by heart** (possibility to convert them automatically)



At the end of the day, end-user weighs the food waste and **with just a few clicks** using a phone, tablet or a computer, logs the waste to Hukka's user-friendly system



As Hukka's cloud-based tracking system takes over, it will start to produce visualized data and recommendations, leading to **optimized order volumes** (i.e. reduced food waste)



Plate waste calculator gives fun and interactive data **in Real Time**. This can be easily shared with customers on site screens or e.g. online for marketing purposes, or showing real CSR credentials.



**Simply seeing the data on food waste will
force action**

Benefits that Hukka has brought for their customers!

1

Data collection is easy & fun.



2

Leading with knowledge.

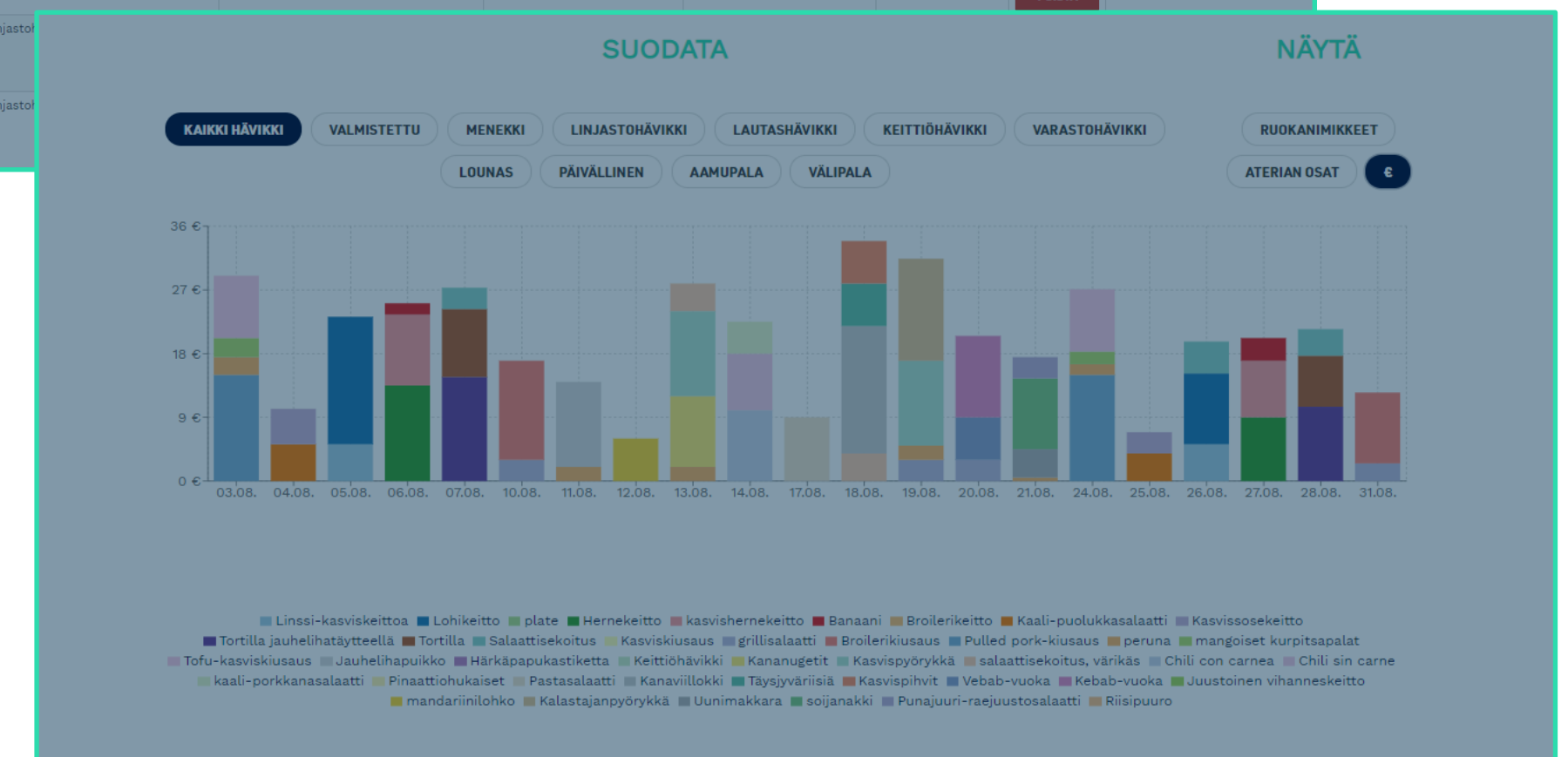
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4-viljar



3

Awareness and New processes.



Stop wasting and start saving!

17-45%

average food
waste reduction
in the first 3-6
months

3-7%

Average
saving in raw
material costs
already during
the first
months

10-15X

return on
investment



**RAPID RETURN ON INVESTMENT
DIRECTLY BENEFITTING THE BOTTOM
LINE**



**NOT JUST THE FOOD COSTS –
SAVINGS IN DISPOSAL, WATER,
LABOUR AND ENERGY**



**NO TRADE-OFFS: CSR ACTIONS WITH
FINANCIAL RETURNS**

Hukka

Thank you!

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[Hukka.ai/en](https://hukka.ai/en)