

TOWARDS MORE RESPONSIBLE AIR TRAVEL

ARJA SUOMINEN
TAKE-OFF TIME FOR BIOFUELS
9.5.2019



FINNAIR

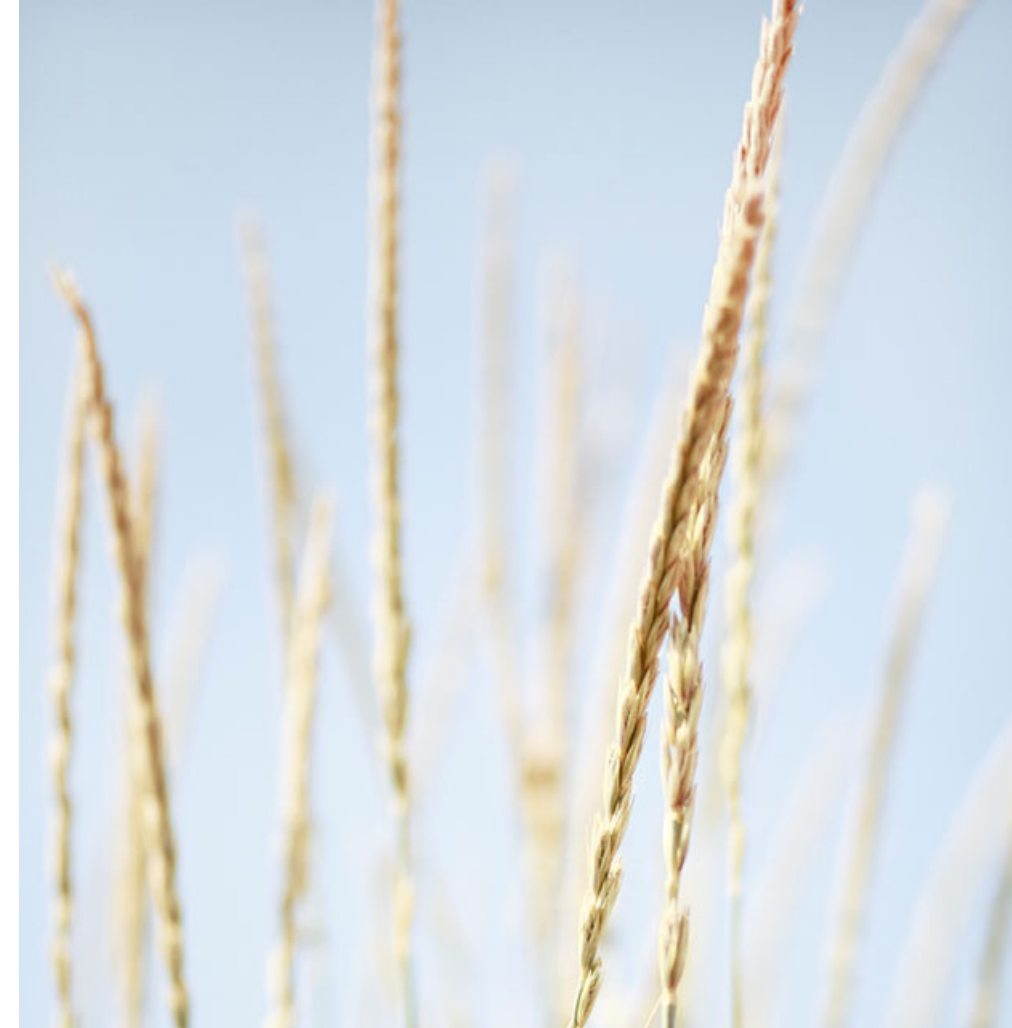


**We want to be the best choice for
responsible air travellers**

For us, responsibility means

- Minimizing our environmental impact,
- Regarding all people as equals
- Collaborating with key stakeholders.

Flying has significant positive economic, employment and social impacts. Only responsible business creates sustainable growth.





WE MINIMIZE OUR ENVIRONMENTAL IMPACTS

- We reduce CO₂ emissions, i.e. by using modern aircraft technology, by flying our routes efficiently, and reducing aircraft's weight.
- We share information about our own carbon dioxide emissions and offer our customers ways to compensate for their carbon footprint.



Means of
influencing
emissions

1

USE OF
TECHNOLOGY

A350 25% less
emissions

2

OPERATIVE
MEASURES

Aircraft weight

Fuel efficient flying

0.4% reduction with pilot
software PACE

3

BETTER USE OF
INFRASTRUCTURE

Single European Sky

Continuous Descent Approach

4

MARKET
BASED
METHODS

CORSIA, EU ETS;

Finnair 45 million
EUR in environmental
related payments in
2018

Push for change

5

BIOFUELS

60 - 80% less emissions

The problem of
availability and price



WE REGARD ALL PEOPLE AS EQUALS

- Equality and non-discrimination are part of our values and way to act. We support diversity in our work community and do not accept discrimination.
- As an employer, we offer everyone equal opportunities to develop in their work.
- For our customers, we provide accessible services from the planning of the trip to the end of the trip.



WE BELIEVE IN COOPERATION

- We are actively building the future of air transport through cooperation with other actors.
- Flying has significant positive economic and social impacts, and therefore it plays an important role in today's world.
- We require our entire supply chain to be committed to our responsibility and ethical guidelines.
- We engage in long-term cooperation with organizations that share our values and offer our customers a way to participate in sustainable development projects.



Real life examples from our Kitchen



Finnair Inflight Waste Management in 2018



3351 tonnes of waste

Kitchen: 2145 t Aircraft cleaning: 1206t



2856 tonnes waste to energy

51% Energywaste 49% Int. catering waste



Zero landfill waste



506 tonnes recycled for reuse*

17,7 % of waste is recycled!

Only 1,7 % of plastic is recycled!



14 waste flows



> 467 tonnes of generated
Single Use Plastic waste**

**Includes paper, plastic, cardboard, glass, biowaste, metal, oil, electronics*

***Finnair Brand Items (disposable service equipment) from both Finnair Kitchen and Long Haul destinations are included, but not plastic waste generated in internal operations of outstation catering units*

09 May 2019



Responsibility targets in the catering area

Our goal is to reduce environmental impact and increase social sustainability by making our products and operations more sustainable as we grow our business. To do more and better with less, we will:

Rethink our use of (plastic) packaging material

Reducing use of single use plastics whenever more sustainable options are available

Enable our plastic packaging the best possible opportunity to be **reused and recycled**

Reduce food loss and waste in our internal processes

Involve environmental and social sustainability in our **decision making**

CX - Offering our customers a responsible and environmentally conscious service

PX – Inspire our employees by making a difference and aligning values

Small things matter:

Real milk for coffee 775 kg less plastic waste in one month



Finnair ✓ @FinnairSuomi · 4 pv

Saako olla maitoa? Vaihdamme yksittäispakatut kahvimaidot Euroopan lennoilla kotimaiseen maitoon, joka kaadetaan @ValioFi tetrasta. Muutoksen myötä muovijätettä jää syntymättä yli 9 300 kiloa vuodessa ja pakkausjäte kokonaisuudessaan vähenee yli 4 300 kilolla. #vastuullisuus



34

70

849



Nordic Kitchen – new look



**48% less of packaging material on onboard sale products
& 5 tons less waste per year!**



Sustainable amenity kit



- 4.5 tons plastic / year



"Zero based" concept

Long haul loading optimization

- Target is to constantly optimise loadings which serve every specific route in the best possible way, without unnecessary items, wasted space or excess weight
- Just completed project bringing weight reduction up to 300 kg per loading – this was gained mostly by redesigning drink trolleys to meet the actual need onboard
- **300kg weight saving saves almost 100 liters of fuel per flight**



Push for change – inviting customers to join us in CO2 reductions

- Possibility to offset CO2 emissions through a CO2 emission reduction project, or to reduce emissions with biofuel
- Service available in Finnair Shop
- Customers can use Finnair Plus points to pay



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