

# TOWARDS MORE RESPONSIBLE AIR TRAVEL

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TAKE-OFF TIME FOR BIOFUELS  
9.5.2019



**FINNAIR**



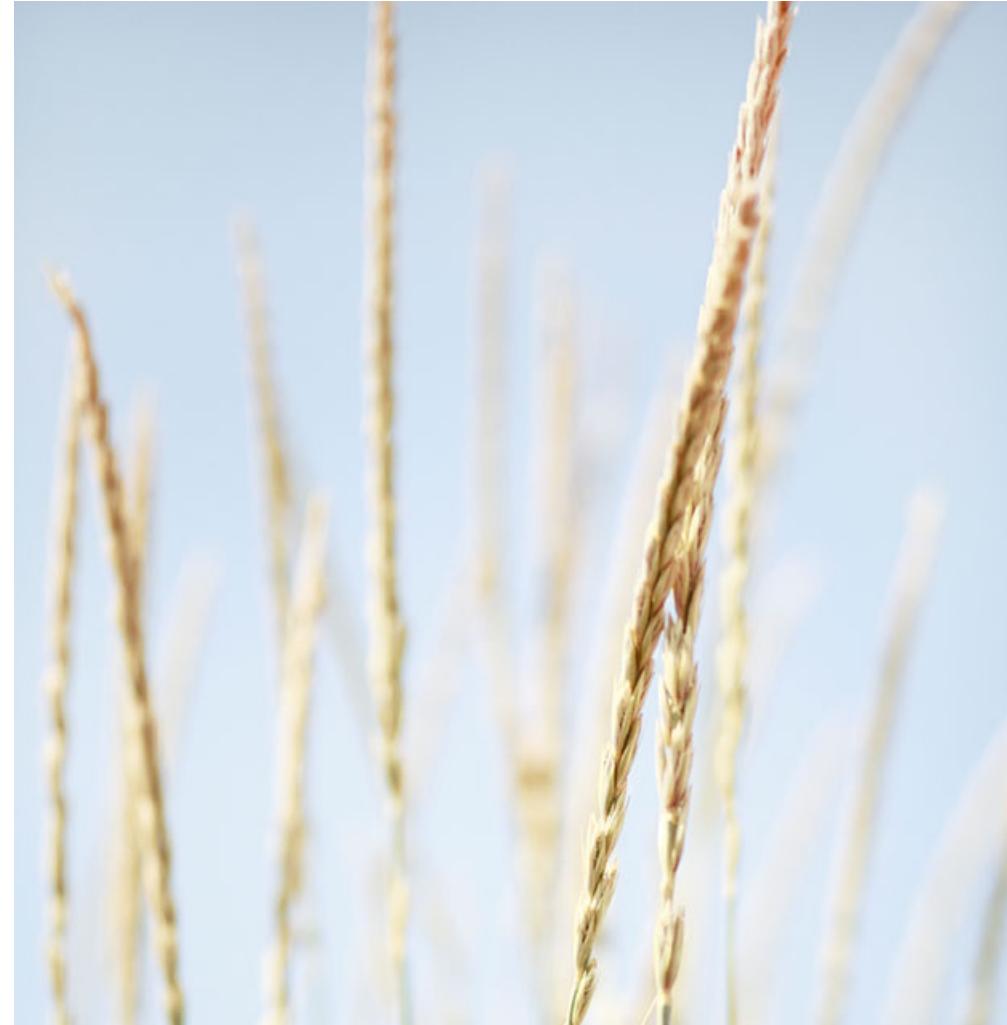
**We want to be the best choice for  
responsible air travellers**



# 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  
Continous 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



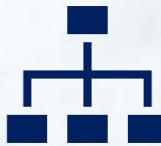
**Zero** landfill waste



**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



09 May 2019



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 pakausjäte 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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