



What's been going on?

- COVID: Travel restriction and tourism > less belly cargo capacity
- COVID: Shift in demand during pandemic
- COVID: Markets restrictions for some goods
- COVID: Shift in retail behavior more eCommerce
- COVID: Global governmental deficits and "money printing" - inflation
- COVID: Supply chain issues, lock downs demand and supply inconsistencies throughout the chain
- COVID: Economic adjustment currently taking place temporary recession signals?
- COVID: Fleet renewals, more fuel efficient more narrow body aircrafts



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- WAR: Trade sanctions and trade barriers
- WAR: Flight routes restricted
- WAR: Spike in commodity prices
- WAR: High fuel prices





Amazing Product!



Fresh seafood – quality!

- We have responsibility in the quality assurance
- Secure cool-chain and fast transport are key
- Handling partners chosen on ability to handle and secure cold-storage
- We make agreements on-time performance of delivery (SLA)
- More standardized procedures



KEF when it comes to quality!



Cold chain and quality

- New technologies when it comes to monitoring
- On time information at very low cost
- Better hands-on pro-activity
- Significant development in this field
- Quality of airfreighted seafood should increase even further in the near term

	- Front Room Cold Box	TREKS IN USE LAST UPDATE 2 1 hour ago	D
	Overview Details	z i nour ago	
	6 Dec 19 - 12 Dec 19 • Front - Trek 00-394 • SHARE	Activity	
	Temperature °F	Dec 12 2019	← Frio.
	AVG OVER THRESHOLD AVO UNDER THRESHOLD DEGREE MINS ABOVE DEGREE MINS BELOW 12 minutes 35 minutes	Heat alarm ended	
	807	Heat alarm 12:3 See details	(26°)
	707	Kimbra P. 12:3 attached IMG_2019_1234.jpg	Ů 3 days ago
	507 507	Kimbra P. 12:3 I tried unplugging the fridge for 5 minutes	
AB-573	407 307	Heat warning 12:3 See details	2 Feb 2019
	2017 7 dec 8 dec 9 dec 10 dec 11 dec 12 dec	Kimbra P. 12:3 LIKELY CAUSE Power issue	12:25 🍓 Heat warning DE
PUSH	Iumidity %rH	ACTION TAKEN Checked VVM (for heat events)	12:25 Wet warning of
😚 Parsy	9 minutes 24 minutes	LOAD MORE	12:25 Sry warning Dry

Digitalization

- Too much Repetitive data entry
- Better transparency
- Too many systems that don't talk together
- Very limited standardization
- More understanding of how we should proceed
- The dialog needs to be broad:
 - Authorities, shippers, agents, consignees, postal companies, seafreight, trucks, airlines etc.



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"We've been minimizing the environmental impact of our operations, both globally and locally, by reducing emissions. We're aiming to have zero emissions by 2050"

One of the lowest Carbon footprint of all proteins



Environmental mission

- 1. **50% reduction** in net emission 2030
- 2. Carbon neutral by 2030
- **3. 40% Reduction** of emissions from ground vehicles by 2025
- 4. Net **zero emissions** from flight operation by 2050



How are we going to do it?

- 1. Maximize fuel efficiency within all aspects of operation
- 2. Carbon offset in a responsible manner
- 3. Partnership with Landsvirkjun on development of energy transformation
- 4. Partnering on both Hydrogen and electric aircraft initiative:
 - 1. Universal Hydrogen
 - 2. Heart Aerospace





Three main paths....

- 1. Sustainable Aviation Fuel (SAF)
 - 1. Bio-Fuel
 - 2. Synthetic kerosene
- 2. Other fuel sources such as Hydrogen and Ammonia?
- 3. Electric battery





ICELANDAIR CARGO