FRESH '''INDEX





 AVOCADO Origin: New Zealant

 GTIN 400000101297

 Brix
 15°

 Water
 72,8 %

 Acid
 0,25 %

> 24,0 % 12 °C

> > 19°C

Transparency about the **TRUE QUALITY FRESHNESS & SAFETY**

of Fruits & Vegetables

Artificial intelligence for the food supply chain



Reason: natural variation in quality, safety and shel-life



Reason: natural variation in quality, safety and shel-life



Reason: natural variation in quality, safety and shel-life



Solution: Digital quality assurance as a service A combination of Hardware and Software. FreshIndex shows the true shelf-life and quality of products through AI.



Collect data, evaluate it, generate added value with Al With our end-to-end, out-of-box solution



Collect data, evaluate it, generate added value with Al With our end-to-end, out-of-box solution



	-
GTIN 4 000001 012978	
STRAWBERRIES, 200G	
Origin: Spanien	STATUS: OK
	STATUS: OK Dec, 6 th
Origin: Spanien	
Origin: Spanien	Dec, 6 th

Our Core Features Digital food knowledge for daily operations



RAPID, NON-DESTRUCTIVE

> quality checks at goods receiving and at store level



POWERFUL MODELLING

for prediction of quality and shelf-life at POS



PALLET RESOLUTION

Not a bunch of measurements but validated statistical distribution for each pallet



CLOUD/ ON-PREMIS

Direct connection of quality data with demand forecasting and pricing systems

Customer benefit currently in field validation Trustworthy brand, sustainability image and high impact for our customers





7%

Higher profit margins by quality sensitive pricing

Field Application – Quality Trend Evaluation 06 – 07/2021 Evaluation of Mango quality during annual supplies shift:

QUALITY EVALUATION

Measurement of 250 random samples



0.30 0.25 13°brix 0.20 0.15 0.10 0.05 0.00 15 20 10 25 RESULT 20 % of Brazilian mangos are below UNECE specification.



QUALITY DISTRIBUTION BY ORIGIN

Market & customer segments



OUR CLIENTELE

Retail

100%

240.000 stored in EU, highest potential but long acquisition due to corporate structures

Wholesale / importers

High near-term potential; high responsive to value proposition, moderate acquisition efforts.





QAaaS pricing proportionate to cost reduction

CUSTOMER SEGMENT	SAVINGS POTENTIAL CUSTOMER	FRESHINDEX PRICING		
Food Wholesale, Trader & Distributor (12k in EU)	Ì 🚱 Efficiency increase: 12 k€ ↓ ៣ Reduced losses: 20 k€	10 k€ / warehouse / month		
Food retail markets (240k stores in EU)	 Èfficiency increase: 4 k€ Image: Reduced losses: 3 k€ 	1 k€ / market / month		

QAaaS pricing proportionate to cost reduction

CUSTOMER SEGMENT

SAVINGS POTENTIAL CUSTOMER

FRESHINDEX PRICING

Food Wholesale, Trader & Distributor (12k in EU)



Efficiency increase: 12 k€

Reduced losses: 20 k€

10 k€ / warehouse / month

Food retail markets (240k stores in EU)



Efficiency increase: 4 k€

Reduced losses: 3 k€

1 k€ / market / month



4,3 b€

Our USPs – we are well prepared for competition

COMPETITION

	FRESH	<mark>-≫Infra</mark> tab [.]	-Qr.	CLARIFRUIT	BIOTRAQ
Supply chain coverage	~	 Image: A second s	~	×	 Image: A second s
Direct quality recording	~	×	×	 Image: A second s	×
Forecast of the product shelf life	1	1	1	×	×
On-premise / Cloud	√ / √	×/√	×/√	×/√	×/✓

TECHNOLOGY LEADER



Online risk quantification @ batch level





"The only promising approach".



"Recognized Big Data Tech Stack"



Deep-tech based on an interdisciplinary team

T··Systems·

Dr. Hauschka

ecover Lip



(freshdetect



Sound company profile with first market traction



Currently cash positive, preparing for growth

2019 T/O: 250 k€, Profit: 8 k€, Head-count: 5

2020 T/O: 310 k€, Profit: 7 k€, Head-count: 8

2021 T/O: 480 k€, Profit: 32 k€, Head-count: 10





FreshIndex Roadmap

INVESTMENT ROADMAP



FreshIndex Roadmap



