



# cooltech

a Cool Logistics event

21-22 June 2022, Hilton Hotel, Rotterdam

## 20th June 2022 Exclusive pre-event Tour

*Very limited places*

Port of Rotterdam invites participants of the CoolTech conference for a boat trip through the Port of Rotterdam to view the Rotterdam Food Hub and Reefer Logistics Container Terminal

Limited number of spaces so booking will be on a first come first served basis

During the 1.5-hours boat trip you will hear all about the latest developments in the port. You can see the handling of reefer containers at our automated terminals up close from the water and the cruise concludes with a unique waterfront view of the Rotterdam Food Hub and the new-built carbon-neutral factory of innocent drinks.

The 60-hectare site is being specially prepared to provide companies in the 'agrofood' sector with optimal facilities.

It's at the heart of Rotterdam's plans to further expand its position as Western Europe's largest port for perishable products.

**Register for the Tour when you book your place on CoolTech 2022**

## Conference Programme

### Day One - 21 June 2022

**8.00-9.00** Registration coffee and networking

**09.00** [Introduction & Welcome from Cool Logistics Host and Moderator](#)

**Kim Winter**

Founder & Global CEO  
Logistics Executive Group  
UAE

**09.15** [Opening address](#)

**Matthijs van Doorn**

Vice President Commercial  
Port of Rotterdam Authority  
Netherlands



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**Session overview: The evolving technology Innovation and investment landscape for Global Cold Chain**

09.30

**Current and Future Reefer Container Technology**

An overview of current and likely future developments in reefer container technology given the outlook for meeting lower carbon emission requirements, operating costs and logistics efficiencies.

**Mark Bennett**

President  
Sun Intermodal  
UK

09.45

**Blockchain in practice: Quay Connect simplifies export process of perishables to the UK**

**Raoul Tan**

Director of Naviporta  
Port of Rotterdam  
Netherlands

10.00

**Cool Investments: Where the money comes from, and for what!**

An overview of the main investors in the sector, the hottest technologies to follow and a high level overview, how to be attractive for investors in post pandemic supply chains.

Food Logistic, and cold chain in particular, attracted a lot of attention from investors global level. Relatively high margins, the possibility to invest in innovative and dynamic companies and a steady growth in food consumption generated a bubbling environment in which public and private investors funneled a sustained flow of financial resources. The sector is now at a turning point. The economic downturn is upon us, and there are strategic and long term decisions awaiting cold chain players that need the support of investors and financial institution. Where the money is coming from? Will they keep on coming? What are the key elements to remain, or become attractive for investors?

**Matteo Iagatti**

Independent Consultant, previously at Rabobank  
France

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10.15

**Predicting banana quality with machine learning models**

Bananas are the world's largest export fruit in terms of volume. Yearly, about 6 million boxes of bananas are imported into the EU alone. Bananas are harvested green and transported in refrigerated ships or refrigerated containers on container ships. The transport process is well developed. Vacuum bags and anti-fungal protection of the crowns make sure that bananas generally arrive in good, firm and green shape. However, the EU Green Deal promotes organic agriculture and a reduction of chemicals used in production and post-harvest. This may increase the number of transport incidents caused by rotting of crowns, usually known to happen in specific seasons. Other quality defects may also be season-related, such as underpeel discoloration (UDP). If we could predict the occurrence of such defects, we could take measures that would prevent the problem. We would at least be better prepared and plan alternatives. In this contribution, we show how machine learning algorithms based on a large collection of data from banana shipments over a few years make it possible to better understand, predict, and potentially prevent or reduce quality problems. In doing so, we use a simplified data set of bananas, showing its potential. This may also be relevant for other fragile fruits, such as avocados and blueberries, which are shipped as refrigerated cargo. This will reduce the use of chemicals and cut down on waste during transport.

**Hans-Willem van der Waal**

CEO

AgroFair

Netherlands

10.30-11.00 Panel Session with the above speakers moderated by Mark Bennett

11.00-11.45 **Coffee break kindly sponsored by:**

**KLINGE** 

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**Session Overview: Cold chain visibility, connectivity and traceability, foundation for change (GPS)**

11.45

**Ensuring Safe and Reliable Cold Chains for Critical Life-Saving Medicine**

Klinge's mission is to improve the lives of people all over the globe through innovative and ultra-reliable supply chain solutions for critical chemicals, essential foodstuffs, and life-changing medicines. Klinge's customized designs include but are not limited to dual redundant systems, tank container heating and cooling equipment, pharmaceutical temperature control, military-specification refrigeration, explosion-proof refrigeration and heating, quick-thawing systems for meat processing, and equipment reaching temperatures down to  $-70^{\circ}\text{C}$  ( $-94^{\circ}\text{F}$ ). Klinge's skilled technical team and worldwide service network assist in making sure customer products can be supported around the globe.

**Allan Klinge**

President  
Klinge  
USA

12.00

**Keeping You Cool - Ensure Temperature Sensitive Shipments Arrive On Time and In Full**

Every Shipment Matters. There's not a manufacturer in any industry vertical that won't miss an opportunity to shout that from a mountaintop. But those three words are especially true when it comes to the distribution of cold-chain shipments, where undetected in-transit issues can cost companies billions of dollars in lost revenue. Tive has a solution so logisticians can keep their cool and utilise realtime visibility in the cold chain.

**Matthew Holland**

Director of Sales UK, Ireland & Nordic  
tive Inc  
UK

12.15

**Making better decisions for a healthy, safe, sustainable and intelligent cold chain**

- Carrier insight drives business objectives and helps make critical, timely decisions
- Collaboration is key to transforming the maritime industry into a more dynamic, efficient and sustainable one (e.g. food loss)

**Alan Peart**

Telematics, Sales Manager, Global Container Refrigeration  
Carrier Transicold  
Singapore

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12.30

### Outlook for smart containers

- Drivers of smart container evolution
- Install rates by segment
- Install rate forecasts
- Future challenges & opportunities

#### **Martin Dixon**

Director - Head of Research Products  
Drewry  
UK

12.45

### Pharma GDP Project

#### **Tineke Van de Voorde**

Key Account Manager  
Port of Antwerp-Bruges  
Belgium

13.00-13.30

Panel Session with the above speakers moderated by **Mark Bennett**

13.30-14.45

### Lunch and Networking

**Session Overview: Digitalisation, Data & Smart Reefer Container Operations – Technology, Standards & Adoption**

14.45-15.30

### Temperature monitoring solution and how it came about and what problems it solves for FC+ and the industry at large

Fireside Chat with: **Don Miller**, Board Director, TrakAssure & Chief Sales Officer, Globe Tracker, Canada

**Steve Alaerts**, Director, Foodcareplus, Belgium

**Michiel Valee**, CEO, DockFlow, Belgium

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15.30-15.45 **Emerson Climate Technologies** will be looking at how the guidelines Digital Container Shipping Association have proposed within reefer monitoring onboard vessels, together with the data standards being developed by the Container Owners Association have been implemented thus far. The industry is still grappling with data issues and Emerson will be discussing the practical implementation of the standards developed so far.

**Niels Prebensen**

Director Product Management – Digital Marine  
Emerson Commercial and Residential Solutions  
Denmark

15.45-16.15 **Coffee Break & Networking**

**Session overview: Digitalisation and the future of the cold supply chain logistics and shipping**

16.15-17.00 **Digitalization of the cold chain: role and responsibilities of actors in the supply chain**

**Panel host: Daniel Bollard**, Business Manager - Shippers & Forwarders, Port of Rotterdam, Netherlands

**Charlotte Goos**, Business Development Manager, Portbase, Netherlands

**Rogier Rook**, Logistics Manager, Nature's Pride, Netherlands

**Niels Prebensen**, Director Product Management – Digital Marine, Emerson Commercial and Residential Solutions, Denmark

**Stein van Est**, Head of Cold Chain Logistics, Maersk, Netherlands

17.00 Conference Day 1 Close

17.30 **Port of Rotterdam Welcome Reception**  
**Coaches depart Hilton Hotel at 17.30 for short journey to the Port with a return back to the Hotel at 21.30**

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## Day Two - 22 June 2022

08.00-09.00 **Registration coffee and networking**

09.00 **Introduction & Welcome from Cool Logistics Host**

**Kim Winter**

Founder & Global CEO  
Logistics Executive Group  
UAE

09.10-09.30 **Flowers by sea, supporting an industry in transition**

Jeroen will explain what is happening, the magnitude of the change and the role of FlowerWatch in this process.

**Jeroen van der Hulst**

Managing Director  
FlowerWatch  
Netherlands

### Session Overview: Smart Cool Infrastructure – Ports & Cold Storage – Energy, Sustainability & Automation

09.30 **From Data to Disruption: Real-Time Cargo Monitoring with TradeTech**

How can we obtain the right data and turn it into solutions that solve problems, improve lives, and optimize industry? In this session, Matilda Bouchet, Managing Director and Head of Cargo Monitoring at Nexxiot, explores real-time cargo monitoring and how technological solutions - hardware and software - can reduce waste, ensure greater safety and optimize the end-to-end transportation of sensitive cargo. See you there!

**Matilda Bouchet**

Managing Director, Head of Cargo Monitoring  
Nexxiot  
Sweden

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- 09.45 **Regenerative Finance (ReFi):  
Export Agricultural Market Restructure with Technology and Finance**  
Full end-to-end traceability of food products to increase value and reduce waste across the food supply chain. Novel Financial models unlocking efficiencies to create new revenue opportunities and provides equitable access to liquidity all the while leveling risk.  
**Fiona Delaney**  
CEO/Co-founder, Origin Chain  
Representative of AgriLedger  
UK
- 10.00 **Reefer Container Cargo Claims: Data everywhere but not a byte to use**  
There is an overabundance of data in the logistics industry. However, its implementation has failed to impact the claims process. How can the industry leverage this data to impact claims processes to improve bottom line?  
**Kingsly Kongnyuh Kwalar**  
CEO  
OPTIMIZ  
UK
- 10.15-10.45 Panel Discussion with above speakers and moderated by Kim Winters
- 10.45-11.30 **Coffee break kindly sponsored by:**



### Session Overview: Reefer Container Technology & Operations

- 11.30 **Digital twins for the cool chain**  
Digital twins are on their way into logistical applications, but mostly with focus on material and product flow monitoring by RFID readers. The transfer to the cool chain demands new solutions to integrate more detailed sensor information into digital twins, especially temperature data.  
**Reiner Jedermann**  
IMSAS Institute for Microsensors, actuators and systems  
University of Bremen, FB1  
Germany

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11.45

**OTFLOW; optimization of export conditions**

OTFLOW's commitment is to make an environmental impact while improving your shipping conditions. OTFLOW is a patented floor cover solution that provides the optimal internal airflow during 40 ft reefer transport of perishable products such as fruit, vegetables, flowers, plants, and medicines. When improving your shipping conditions with this technology, you will increase the probability to maintain the product quality level of your products upon arrival, have fewer financial losses due to claims, and less food waste.

**Jurgen Schouten**

Commercial Director  
OTFLOW  
Netherlands

12.00

**Knowledge is Power, also in refrigeration**

What storage conditions does a product require? And how to create those conditions with most efficiency? In this presentation I will show the latest developments at WUR from Digital Twins to equipment performance and what is done with our knowledge.

**Eelke Westra**

Programme Manager Postharvest Quality  
Wageningen University & Research  
Netherlands

12.15

**Reefer container operations – where data should drive decisions**

Getting the right data at the right time in the right format is no easy task in reefer container operations. Different technologies, competing connectivity options and nascent but converging data standards combine to complicate the process. Even then, does the data answer the questions you need answered, depending on your role in the supply chain? AI Tama will examine how smart containers use interoperability, digitalization and predictive analytics to generate intelligent, real-time decision-making by providing accurate delivery estimates, streamlining pick-ups and handoffs, avoiding spoilage, and connecting the entire supply chain, reefer and dry.

**AI Tama**

Vice President & General Manager  
ORBCOMM  
USA

12.30-13.00

Panel discussion with above speakers and moderated by Kim Winters

**13.00-14.30**

**Lunch and networking**

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## Session Overview: Smart Cold Chains of the Future – A Roadmap

14.30-14.50 **Market Driven Transformation of the Cool Logistics Sector**

**Kim Winter**

Founder & Global CEO  
Logistics Executive Group  
UAE

14.50-15.40 **How Cool Tech is essential to the global story**

Hosted by **Kim Winter**, Founder & Global CEO, Logistics Executive Group,  
UAE

**Don Miller**, Board Member, TrakAssure & Chief Sales Officer, Globe Tracker,  
Canada

**Paul de Haan**, Sales Director BeNeLux and Strategic Accounts, Tive,  
Netherlands

**Allan Klinge**, President, Klinge, USA

15.40 **Conference Close**

\*This programme is correct at this time, however the Cool Logistics team reserve the right to alter or cancel the programme and/or speakers due to circumstances beyond our control.

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