

CHILL-ON

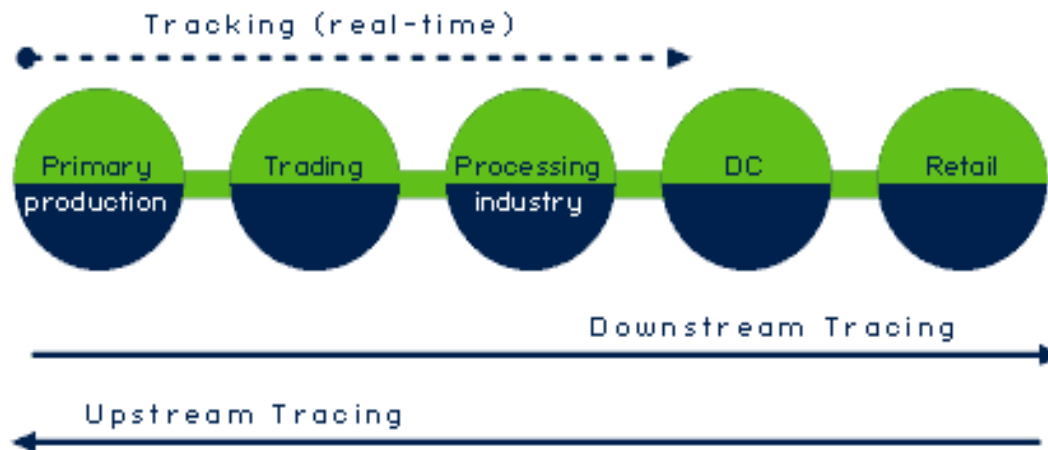


Neue Technologien zur
Verbesserung der *Sicherheit*,
Transparenz und *Qualität* entlang
der Lebensmittel-Kühlkette

www.chill-on.com

Christian Colmer, ttz Bremerhaven

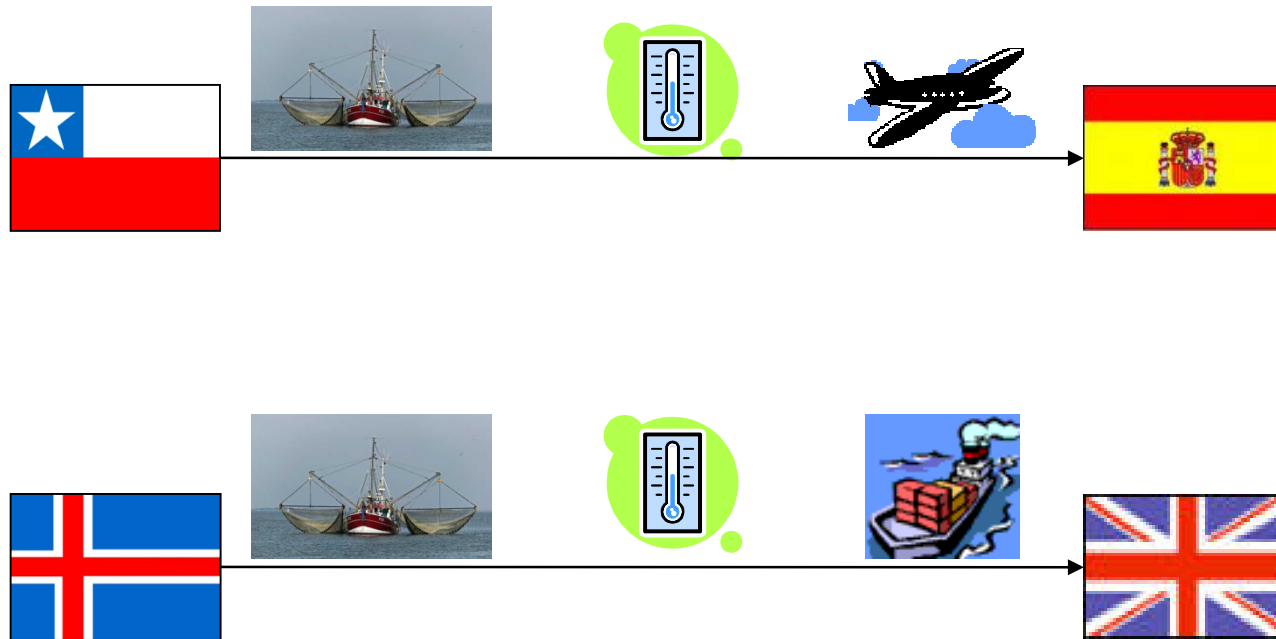
Verbesserung von: **Lebensmittelqualität - & Sicherheit**
Transparenz
Rückverfolgbarkeit



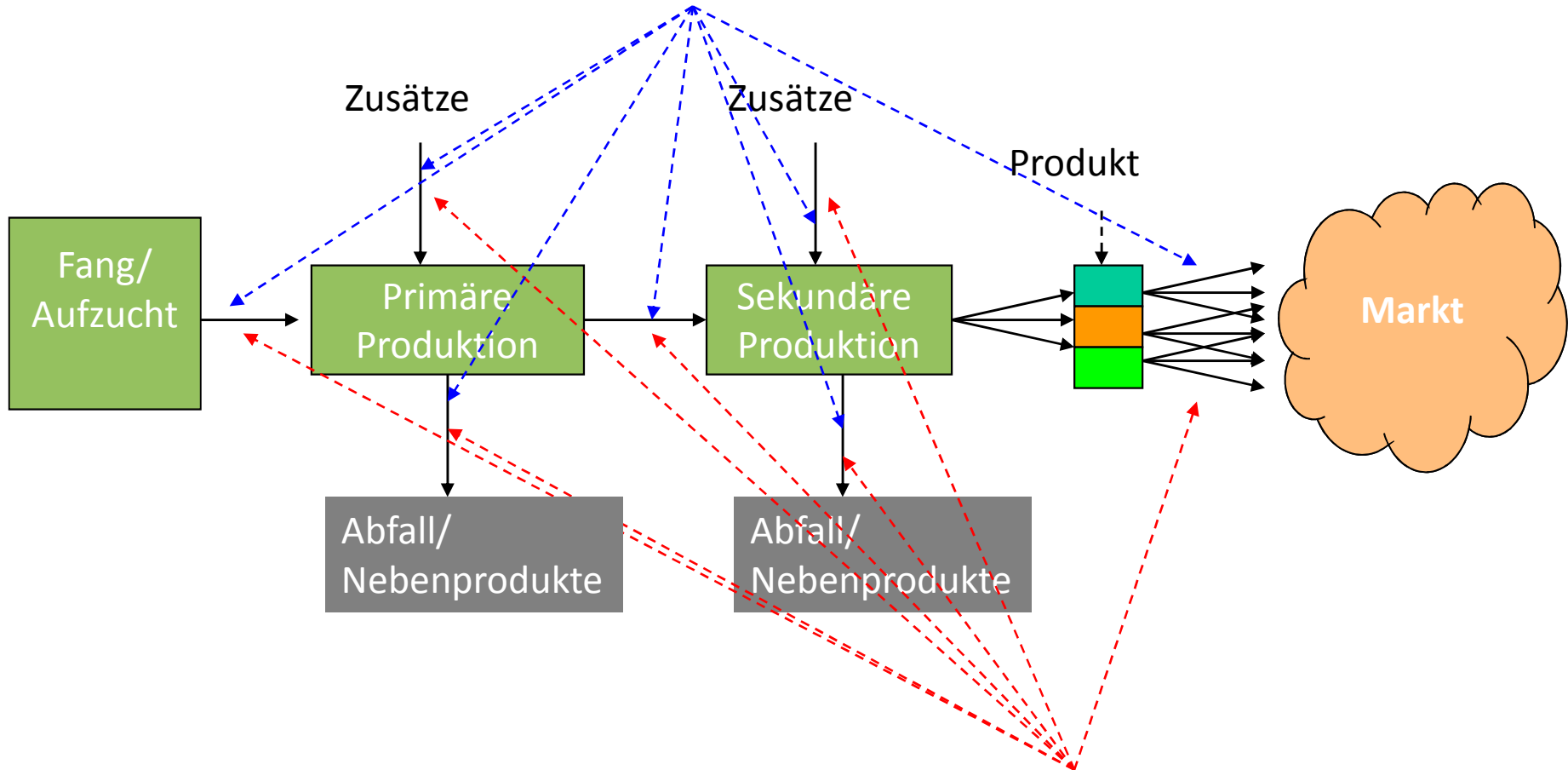
<u>Acronym:</u>	CHILL-ON
<u>Laufzeit:</u>	4 Jahre (2006 bis 2010)
<u>Gesamtbudget:</u>	15,6 Mio. €
<u>Förderung:</u>	10,1 Mio. €
<u>Förderschema:</u>	6. Forschungsrahmenprogramm (FP6)
<u>Instrument:</u>	Integriertes Projekt (IP)
<u>Koordinator:</u>	ttz Bremerhaven

24 Partner aus 12 Ländern

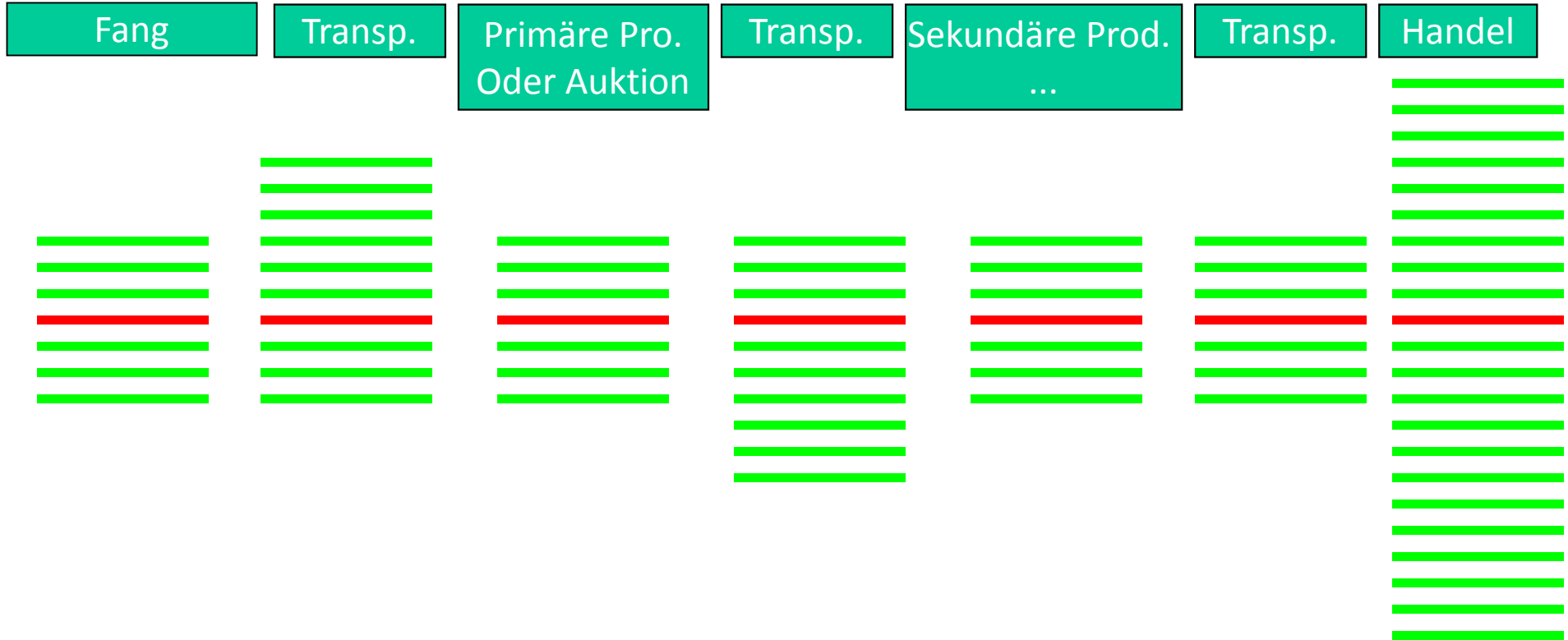
Ideale Kühlkette für Fisch



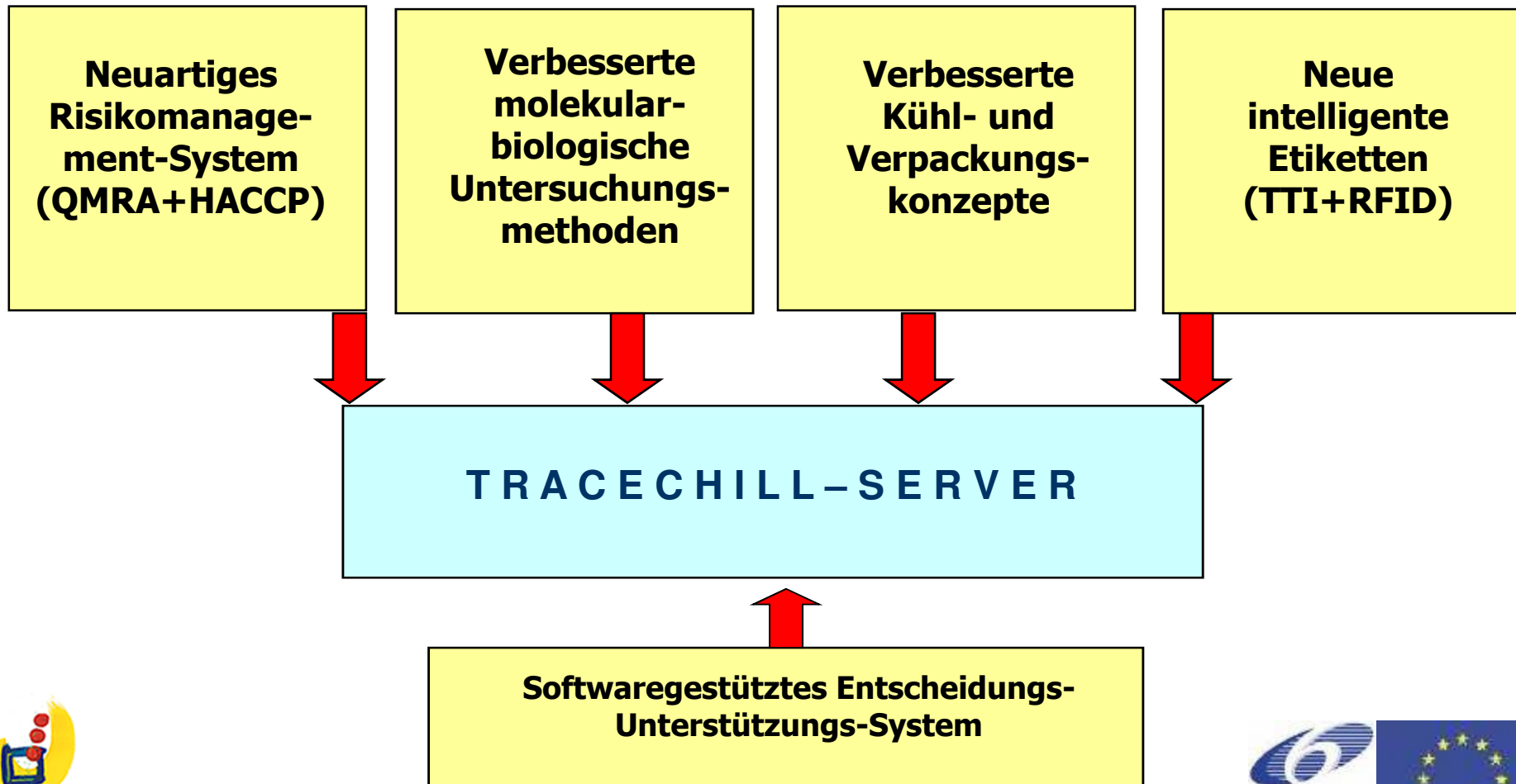
Übergabe / CTP



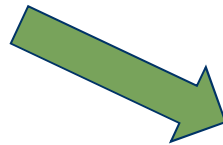
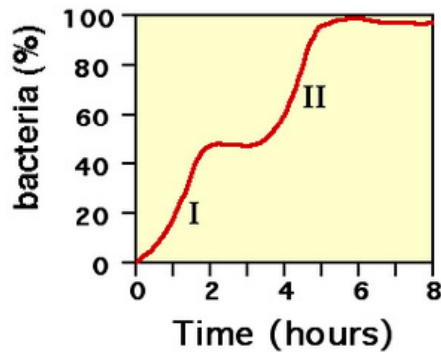
Transport



Unterschiedliche Methoden – Einheitlicher Ansatz



- Entwicklung von Softwarebasierten Model für Quantitative Mikrobiologische Risikobewertung (QMRA) von Kühlketten
 - Kombiniert mit HACCP für Echtzeit-Daten

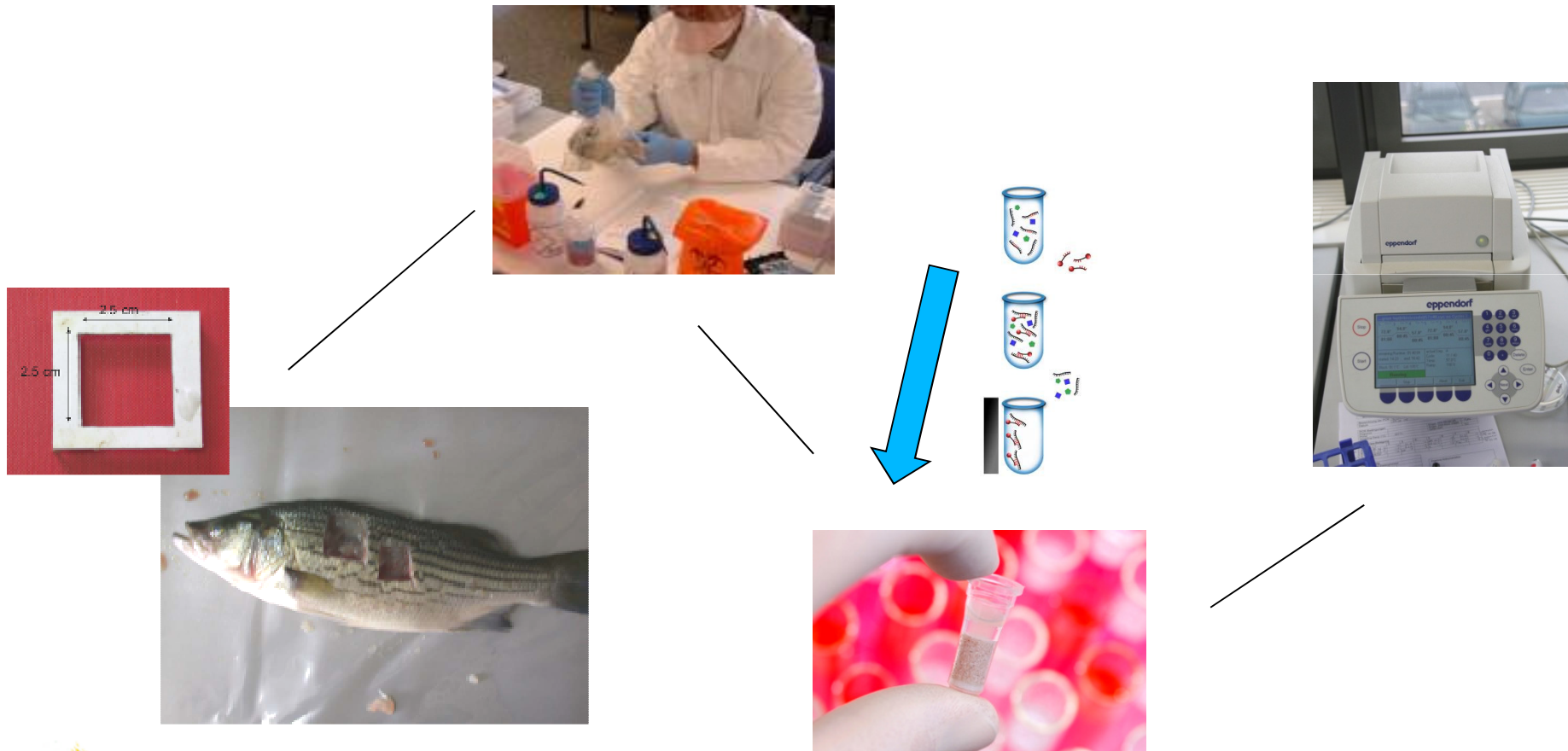


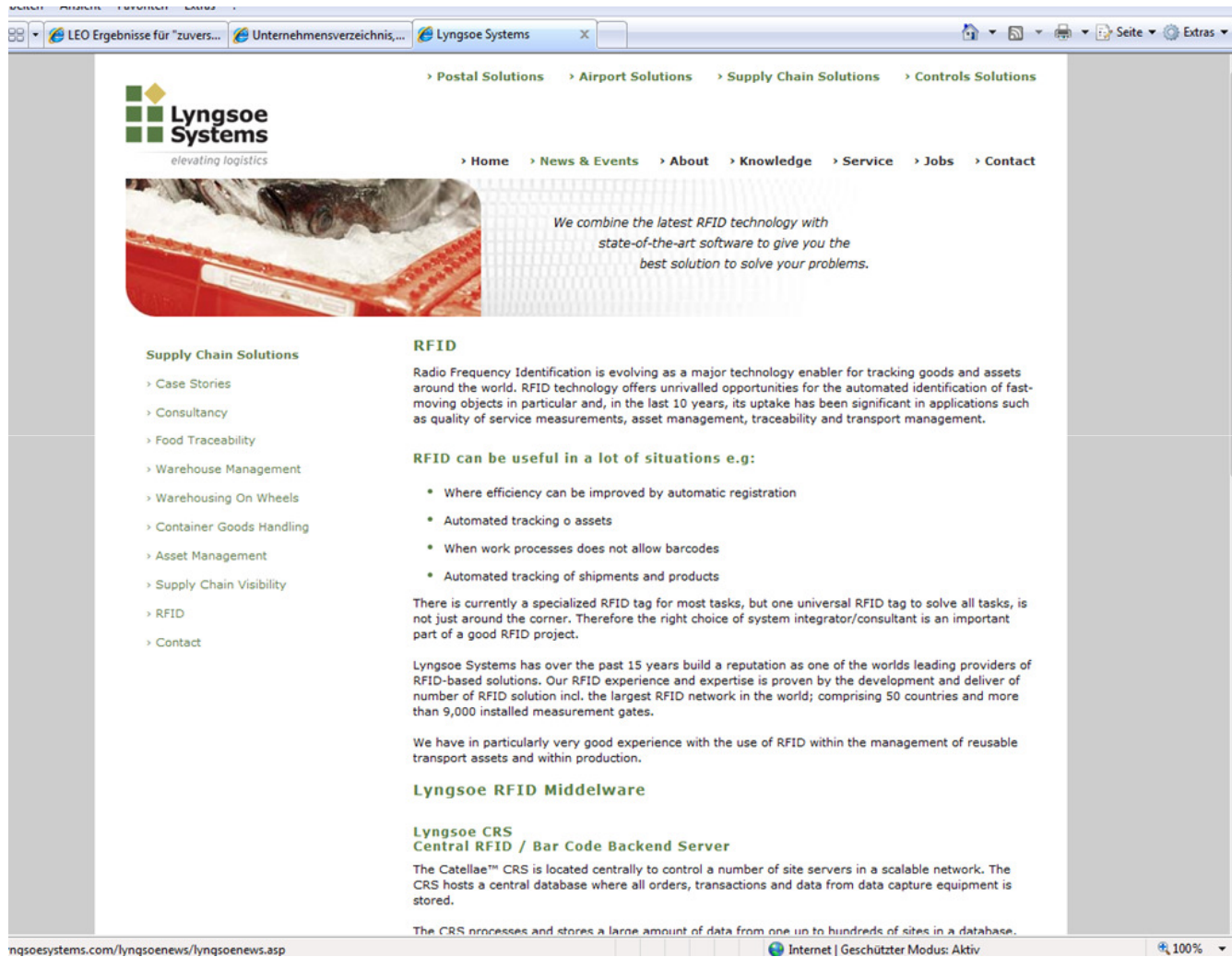
Customer Open Orders ASOS

Customer Ref.	Part No.	AWS Ref.	Description	Due Date	Order Qty	Shipped Status	WIP
115409	244.021	10204	ASSY 489499 (90994413)	04-May-2006	50.0	0.0	144.001
115469	244.022	10741	ASSY MAGNET 485 CNVRTS 9099824	04-May-2006	50.0	0.0	144.003
115459	244.024	10472	ASSY 489499 (90994413)	06-Apr-2006	100.0	0.0	144.006
115474	244.028	10090	ASSY PC12480-2 (90994413)	27-Apr-2006	50.0	0.0	144.026
115497	244.032	11193	ASSY PC12483 (90994413)	31-Mar-2006	50.0	0.0	144.031
115497	244.026	11195	ASSY 489499 (90994413)	02-Jun-2006	60.0	0.0	144.008
1157053	244.029	11261	ASSY PC12106 (90993663)	06-Apr-2006	50.0	0.0	144.009
115498	244.030	11564	ASSY PC12115 (90993663)	03-Mar-2006	50.0	0.0	144.010
115498	244.030	11564	ASSY PC12115 (90993663)	05-May-2006	50.0	0.0	144.016
115498	244.031	11587	ASSY 489499 (90994413)	27-Apr-2006	50.0	0.0	144.017
115736	244.031	11815	ASSY PC12116 (90993663)	19-Apr-2006	25.0	0.0	144.013
115736	244.032	11815	ASSY MAGNET 4899 (90993233)	07-Apr-2006	50.0	0.0	144.005
115736	244.032	11815	ASSY MAGNET 4899 (90993233)	01-Jan-2006	50.0	0.0	144.006

- Integration von QMRA in ein Computergestütztes Decision Support System (DSS)

Entwicklung neuer und schneller mikrobiologischer Methoden zur Erkennung von Bakterien unter Verwendung von qPCR





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RFID

Radio Frequency Identification is evolving as a major technology enabler for tracking goods and assets around the world. RFID technology offers unrivalled opportunities for the automated identification of fast-moving objects in particular and, in the last 10 years, its uptake has been significant in applications such as quality of service measurements, asset management, traceability and transport management.

RFID can be useful in a lot of situations e.g:

- Where efficiency can be improved by automatic registration
- Automated tracking of assets
- When work processes does not allow barcodes
- Automated tracking of shipments and products

There is currently a specialized RFID tag for most tasks, but one universal RFID tag to solve all tasks, is not just around the corner. Therefore the right choice of system integrator/consultant is an important part of a good RFID project.

Lyngsoe Systems has over the past 15 years build a reputation as one of the worlds leading providers of RFID-based solutions. Our RFID experience and expertise is proven by the development and deliver of number of RFID solution incl. the largest RFID network in the world; comprising 50 countries and more than 9,000 installed measurement gates.

We have in particularly very good experience with the use of RFID within the management of reusable transport assets and within production.

Lyngsoe RFID Middleware

**Lyngsoe CRS
Central RFID / Bar Code Backend Server**

The Catellae™ CRS is located centrally to control a number of site servers in a scalable network. The CRS hosts a central database where all orders, transactions and data from data capture equipment is stored.

The CRS processes and stores a large amount of data from one up to hundreds of sites in a database.

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Kneuss introduces OnVu™.

Highlights
24.09.2008
Kneuss Güggeli is First in Central Europe to Introduce OnVu
Food producers know the problem: they produce high-quality goods and...
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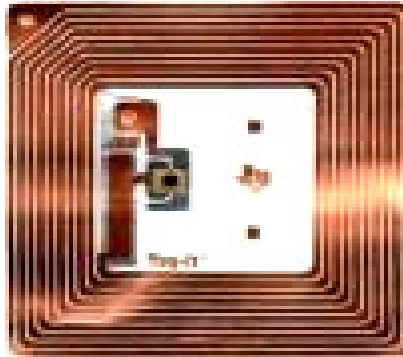
Trade Fairs & Shows
05.11.2008 - 06.11.2008
CIES Marketing Forum
Budapest, Hungary
23.10.2008 - 24.10.2008
Traçabilité 2008
Booth J19
Paris, La Défense, France
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Ciba
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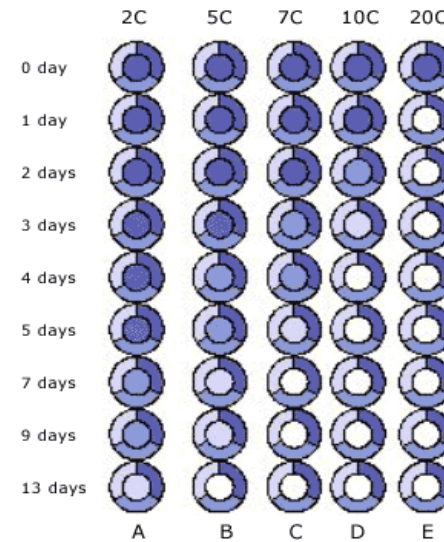
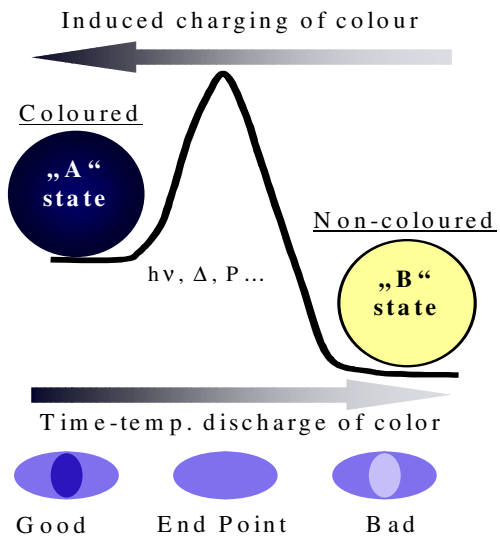
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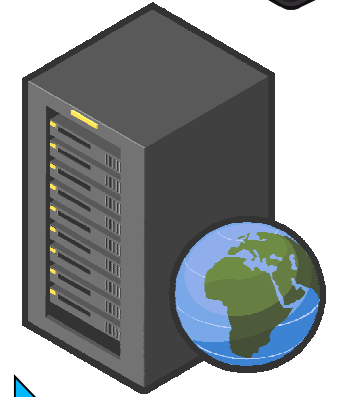
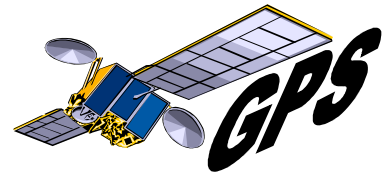
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RF-TTI

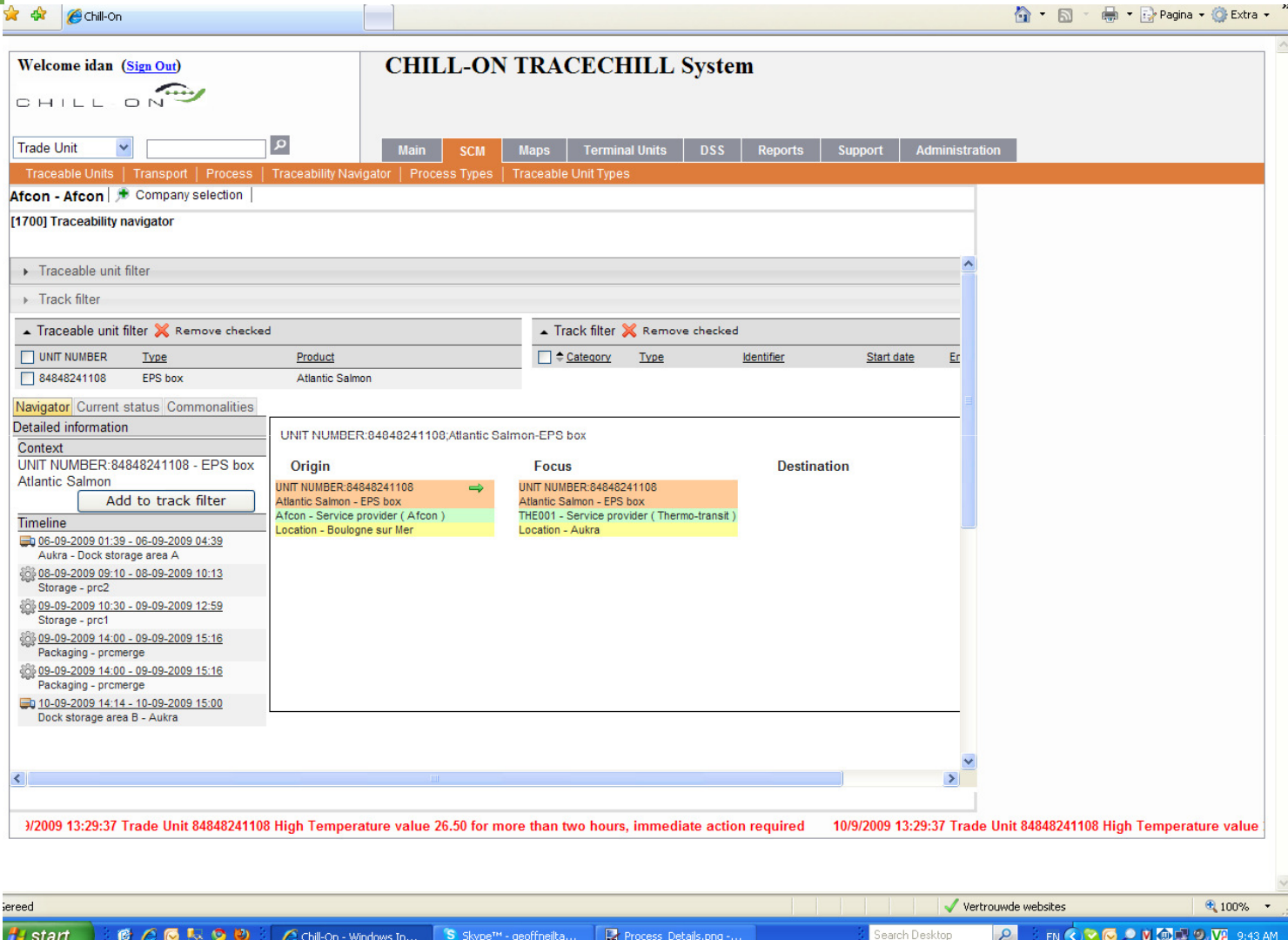


Daten-Transfer



Molecular
Biological
Diagnostics

Risk Assessment



CHILL-ON TRACECHILL System

Welcome idan (Sign Out)

Trade Unit: [Dropdown] [Search]

Main | **SCM** | Maps | Terminal Units | DSS | Reports | Support | Administration

Traceable Units | Transport | Process | Traceability Navigator | Process Types | Traceable Unit Types

Afcon - Afcon | Company selection

[1700] Traceability navigator

Traceable unit filter

Track filter

UNIT NUMBER	Type	Product
<input type="checkbox"/> 84848241108	EPS box	Atlantic Salmon

Category	Type	Identifier	Start date	End date
<input type="checkbox"/>				

Navigator | Current status | Commonalities

Detailed information

Context

UNIT NUMBER: 84848241108 - EPS box
Atlantic Salmon

Add to track filter

Timeline

- 06-09-2009 01:39 - 06-09-2009 04:39
Aukra - Dock storage area A
- 08-09-2009 09:10 - 08-09-2009 10:13
Storage - prc2
- 09-09-2009 10:30 - 09-09-2009 12:59
Storage - prc1
- 09-09-2009 14:00 - 09-09-2009 15:16
Packaging - prcmerge
- 09-09-2009 14:00 - 09-09-2009 15:16
Packaging - prcmerge
- 10-09-2009 14:14 - 10-09-2009 15:00
Dock storage area B - Aukra

Origin	Focus	Destination
UNIT NUMBER: 84848241108 Atlantic Salmon - EPS box	UNIT NUMBER: 84848241108 Atlantic Salmon - EPS box	
Afcon - Service provider (Afcon)	THE001 - Service provider (Thermo-transit)	
Location - Boulogne sur Mer	Location - Aukra	

10/2009 13:29:37 Trade Unit 84848241108 High Temperature value 26.50 for more than two hours, immediate action required 10/9/2009 13:29:37 Trade Unit 84848241108 High Temperature value

Lebensmittelqualität - & Sicherheit

Transparenz

Rückverfolgbarkeit

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