



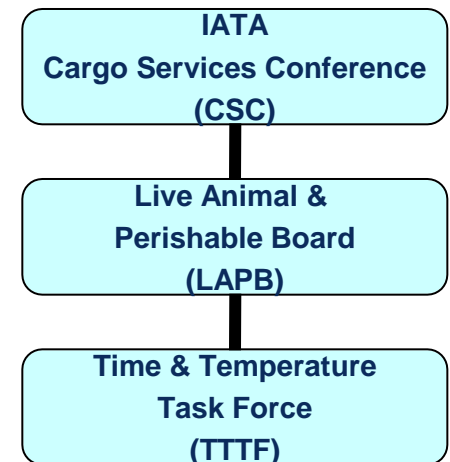
Updates on the IATA Time and Temperature Sensitive Product Requirements - New Manual -



Andrea Gruber
IATA
April 11th, 2013

Need of Standardization

- To increase safety & ensure consistency of service, transparency and effective communication
- Standards are set by
 - Airline members
 - Government representatives
 - Supply chain and industry partners
- Standards contain
 - Minimum requirements to avoid conflicting government rules
 - Industry experience, knowledge and know-how

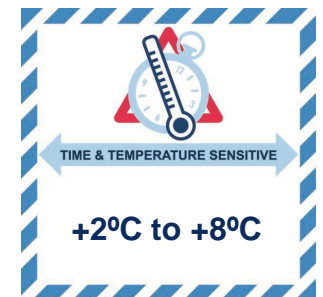


Standards - IATA Perishable Cargo Regulations

PCR - Chapter 17

Air Transport Logistics for Time and Temperature Sensitive Healthcare Products

- Practical guidance on the handling of time & temperature sensitive healthcare products
- Defines requirements, such as:
 - Quality Management System
 - Service Level Agreements
 - Training
 - Labelling
- Collaboration of the entire healthcare supply chain



Regulations & Standards

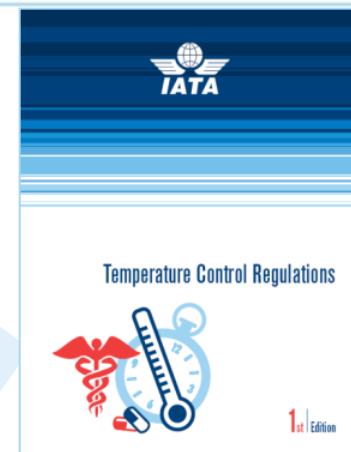


2007 Perishable Cargo Regulations (PCR) *Industry standard*

2010 PCR New Chapter 17 *New T&T Sensitive Label*

2012 *Mandatory T&T Sensitive Label*

2013



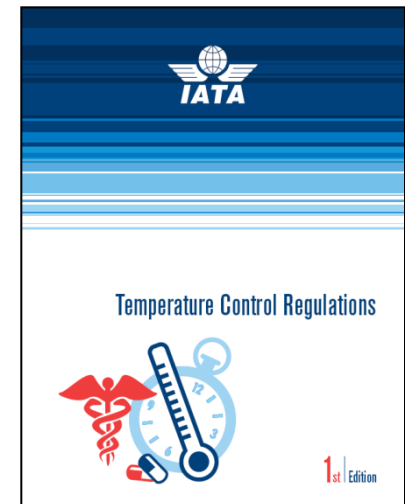
Temperature Sensitive Healthcare Regulations

➤ Supply Chain Approach

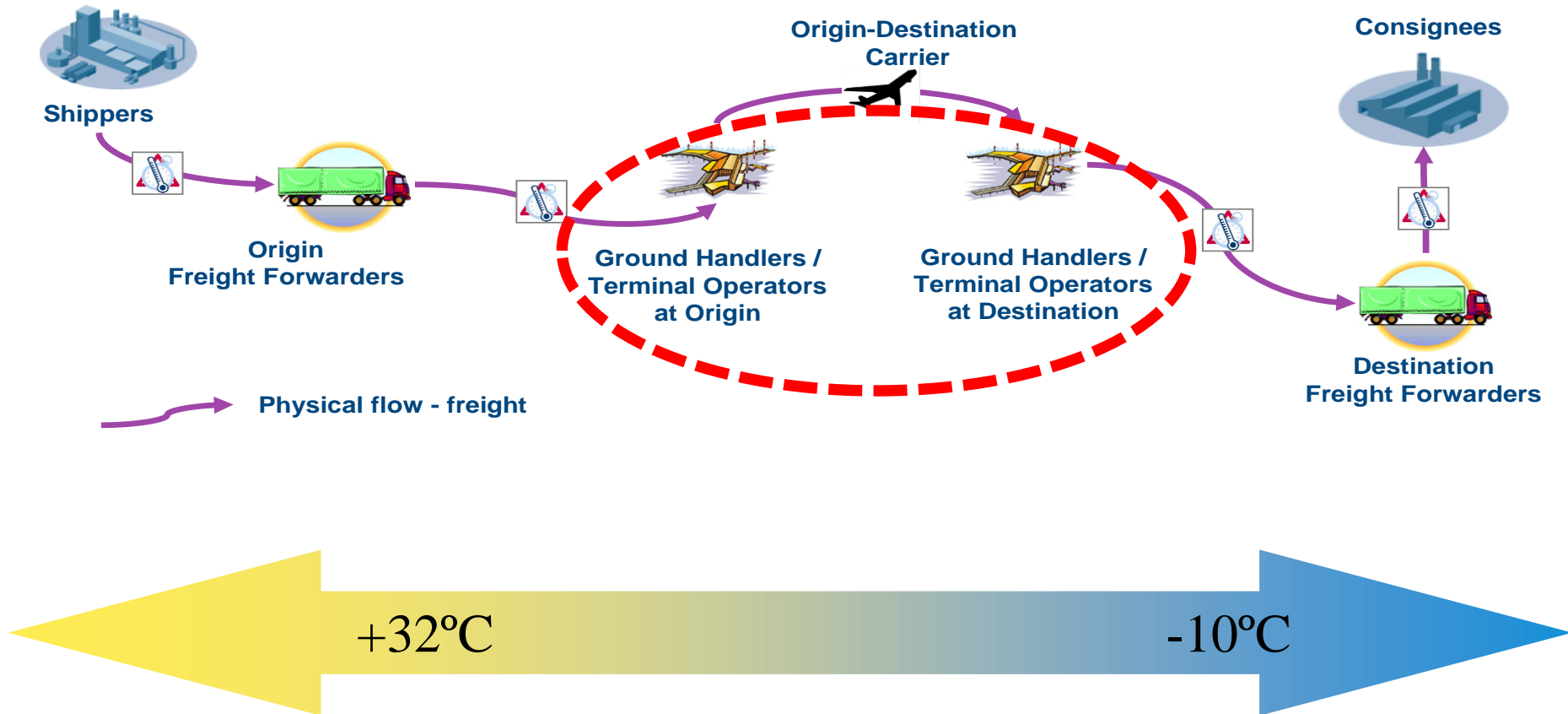
- Pharmaceutical industry requiring a standalone healthcare regulation

➤ New Temperature Controlled Regulations (TCR)

- Based on the requirements of the IATA Perishable Cargo Regulations (PCR) 12th edition
- Guide enabling stakeholders involved in the transport and handling of pharmaceutical product to safely meet the requirements (e.g. T&T label)



Challenges of the air freight industry



Why define a new label?

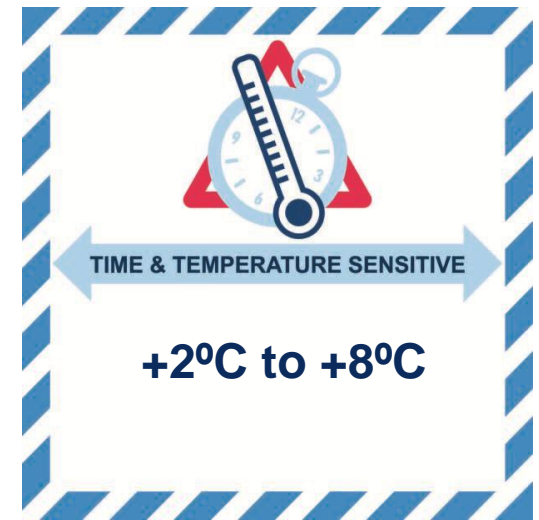
- Standardize the nearly endless parade of labels applied by shippers throughout the industry



Implementation of Standards

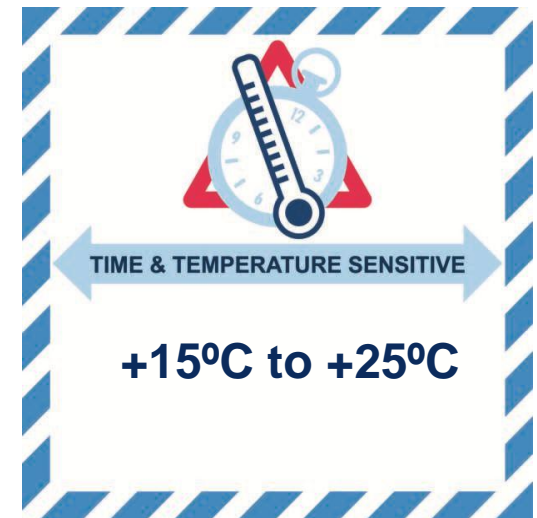
➤ **Mandatory IATA Time & Temperature Sensitive label effective since July 1st, 2012**

- Shipment label, specific to the healthcare industry, that must be affixed to shipments booked as time and temperature sensitive cargo
- The label is part of the overall process
- The importance is to ensure the initial step of the process is appropriate



Time & Temperature Sensitive Label (Effective 1st July 2012)

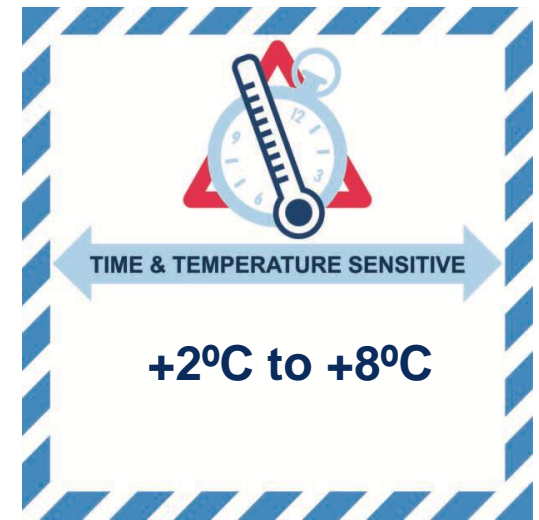
- The initial booking is the key step to a successful cargo transportation
 - Triggers the appropriate handling processes associated to healthcare transport
 - Responsibility of the shipper (or designated shipper's agent by service agreement) to apply the label
 - A 24-hour contact telephone number(s) must be provided at booking



Time & Temperature Sensitive Label (Effective 1st July 2012)

➤ Appropriate use of the label

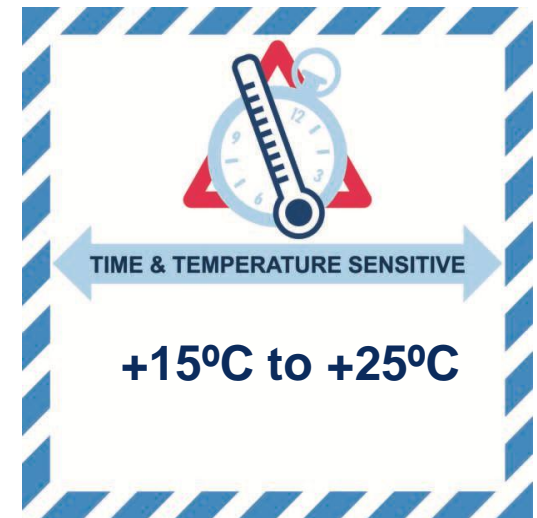
- The label, when used, must be affixed to at least 1 side panel of the outermost visible means of containment
- The lower half of the label must never be left blank
- The temperature range indicated on the label relates to the external transportation temperature range of the shipment
- Celsius (°C) scale must be used and the text in English



Time & Temperature Sensitive Label (Effective 1st July 2012)

➤ Appropriate use of the label

- The transportation temperature range specified on the label must match the transportation temperature range stated on:
 - the Air Waybill,
 - the Service Level Agreement (SLA), or
 - the Standard Operating Procedures (SOP)
- When agreed, the lower half of the label may be used to communicate SOP numbers, in addition to the transportation temperature range



Benefits of the Label

- One unique, universally accepted and recognized label for all temperature sensitive healthcare cargo shipments
- Reflects the external temperature range required during transportation
- Strengthens the overall supply chain by increasing visibility and awareness
- Provides uniform and clear transportation temperature range during the handling and operational processes
- Reduces
 - delays due to inaccurate or inconsistent handling information
 - risk of mishandling that may affect the quality of the drug product
 - risk of adverse exposure

Applicability of the Label

- To healthcare products but not to any other perishables
- To healthcare shipments requiring temperature controlled service, which have also been booked as time and temperature sensitive cargo
- To passive or active solution but if the shipments is booked as time and temperature sensitive cargo
- To domestic and international shipment for which a temperature controlled service is booked
- Not to packages taking care of the control of the temperature for which no temperature control service is required

Example of Best Practices



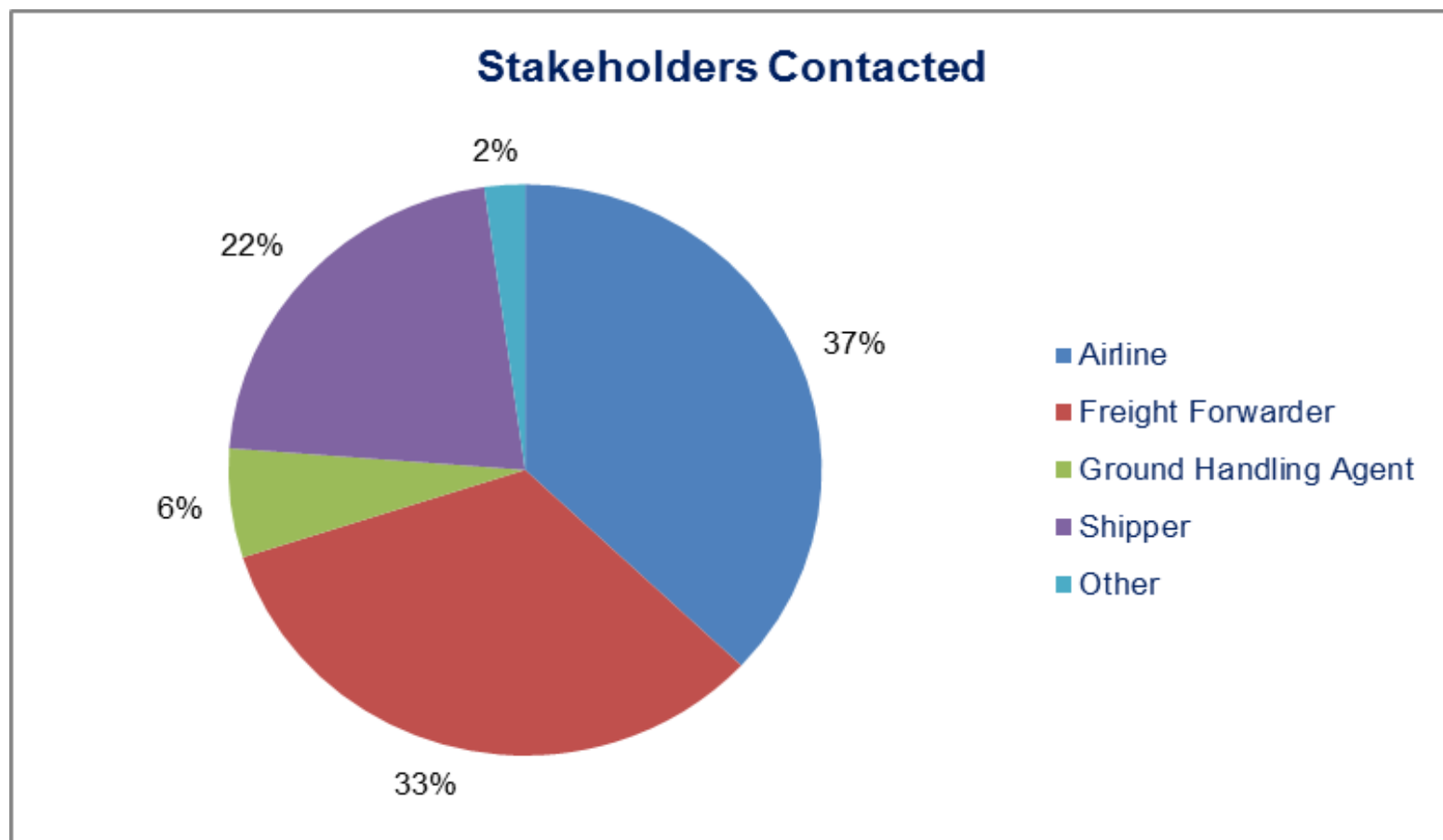
A large green triangle pointing to the right, positioned on the left side of the slide.

Industry Feedback

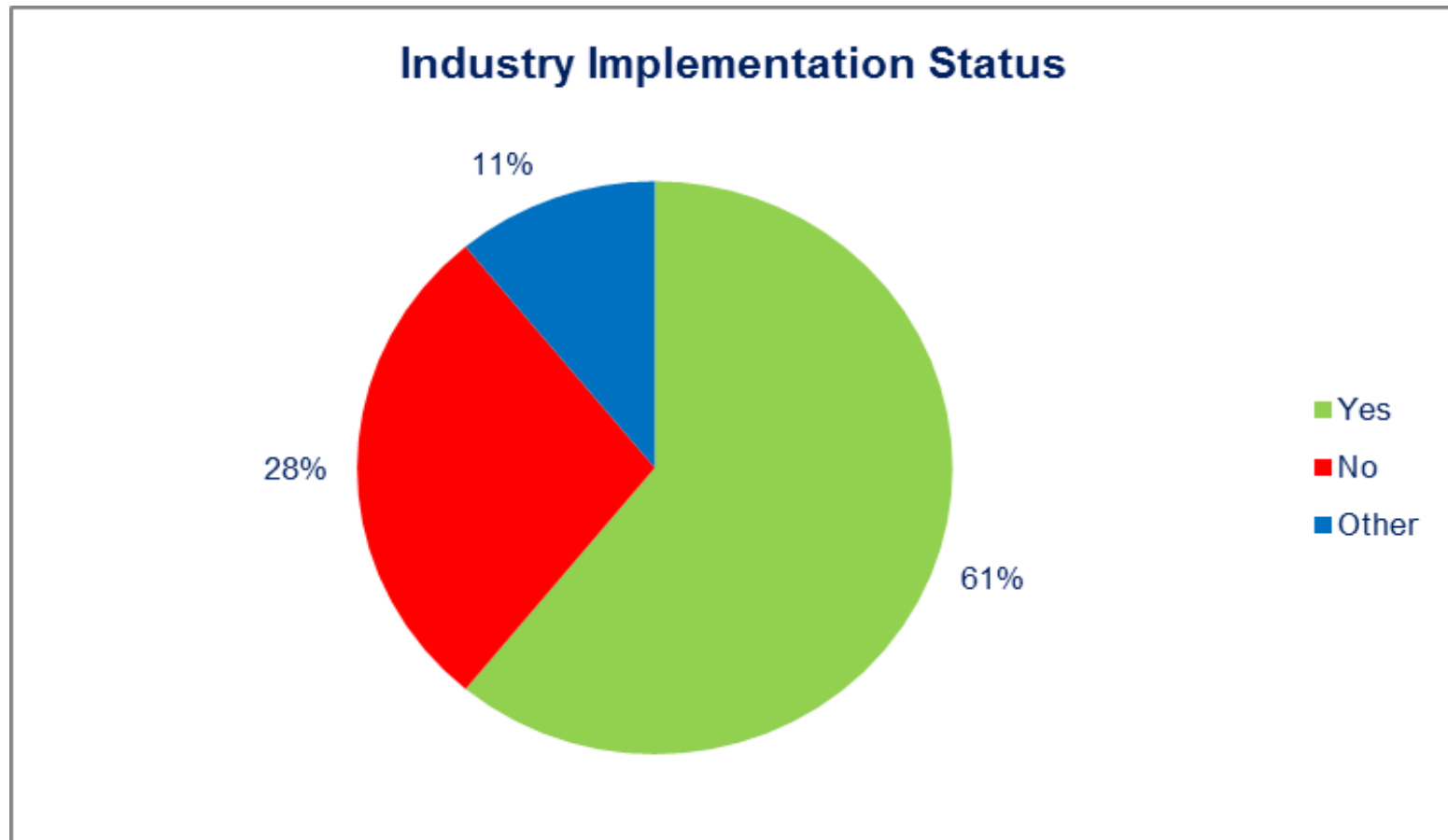
Industry Feedback on the implementation of the Time & Temperature Sensitive Label

- Industry Survey Timeline: August – October 2012
- 180 Stakeholders
 - Airlines
 - Freight Forwarders
 - Ground Handling Agents
 - Shippers
- 59 Countries / Regions

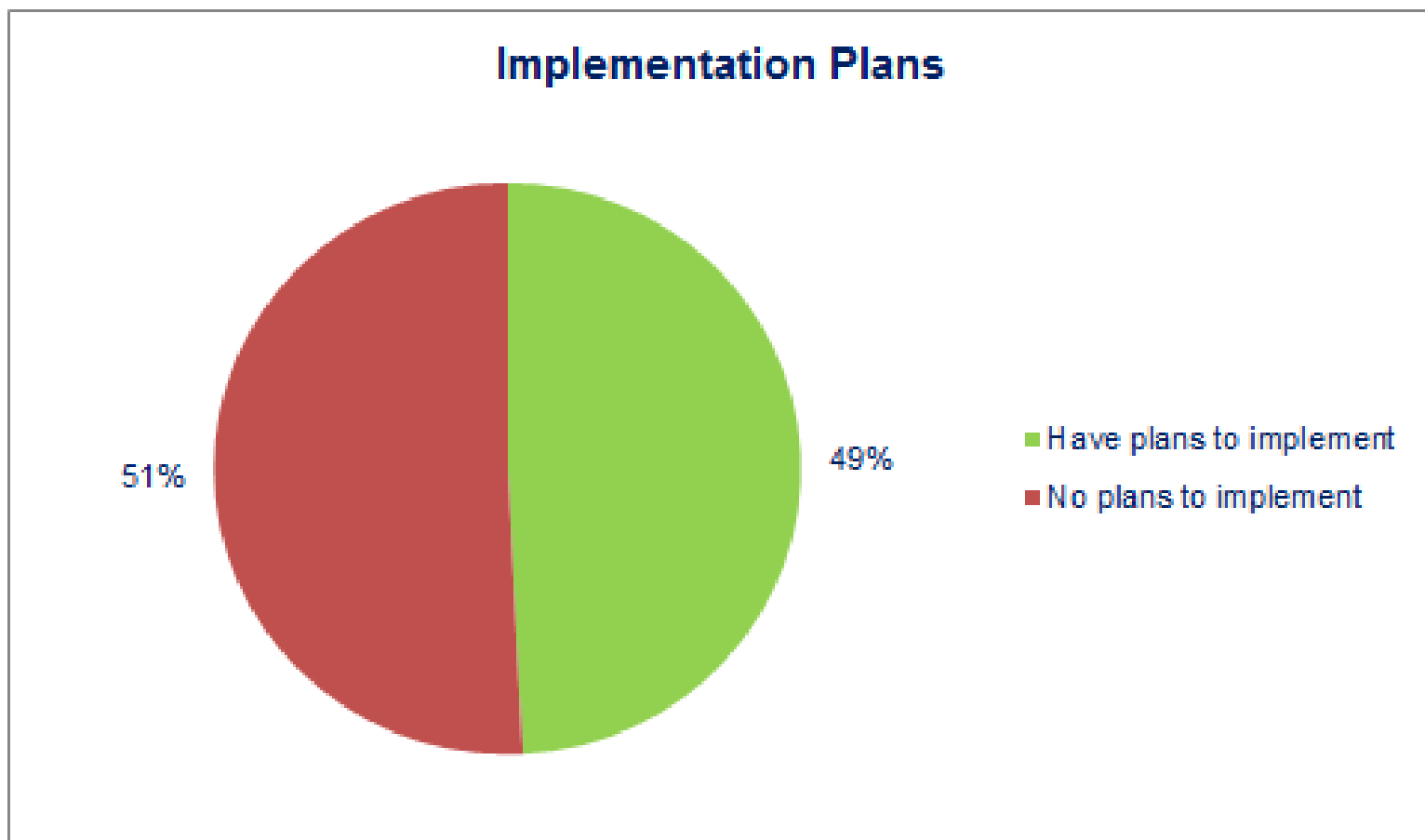
Supply Chain Stakeholders



Label Implementation Status



Implementation Plans and Time Frame



Key Results

- Need to strengthen the value proposition of implementing this label
- Further educate freight forwarders and shippers about this regulation
- No strong regulatory enforcement possible as compared with the Dangerous Goods Regulations
- Operational processes and responsibilities in affixing the Label will need further clarification

Next Steps

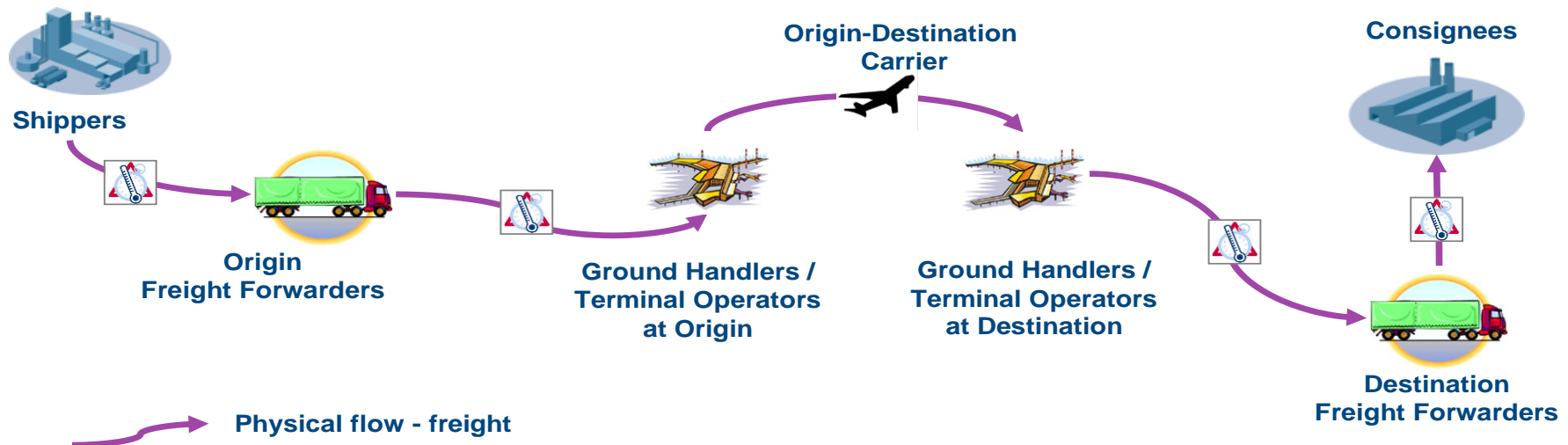
- Continue raising awareness of the IATA requirements when meeting stakeholders of the supply chain.
- Promote the forthcoming “Temperature Control Regulations” (TCR)
- Address the industries’ concerns at the relevant industry meetings
- Consider surveying the industry again in six or twelve month time to benchmark the progress.
- ➔ **Continue the education and communication**

A large, solid green arrow points from the left edge of the slide towards the title text.

2013 Roadmap

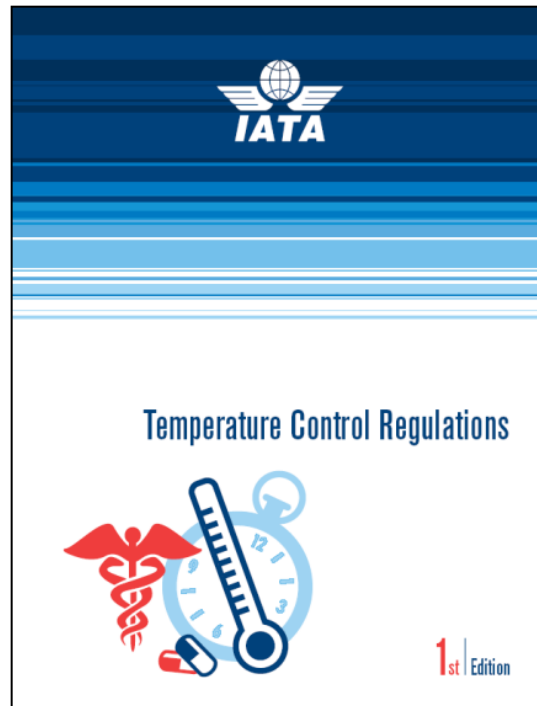
Supply Chain Process

- The label is part and completes the process
- The importance is to ensure the initial step of the process is appropriate and correct

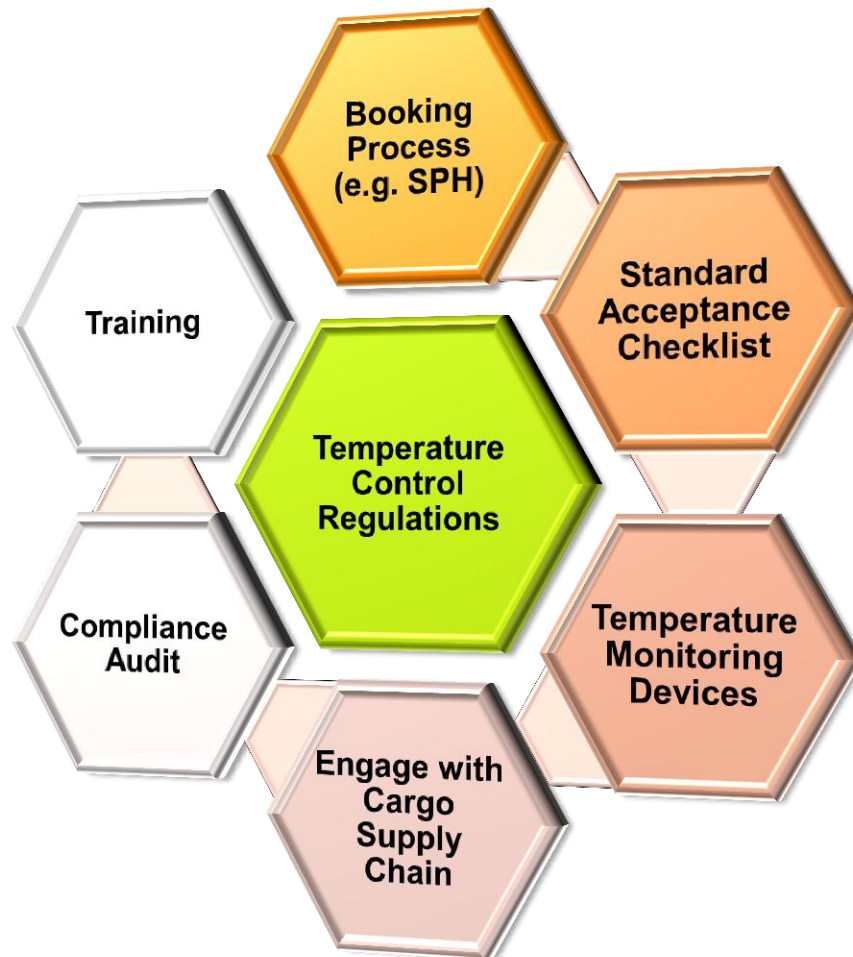


Temperature Sensitive Healthcare Regulations

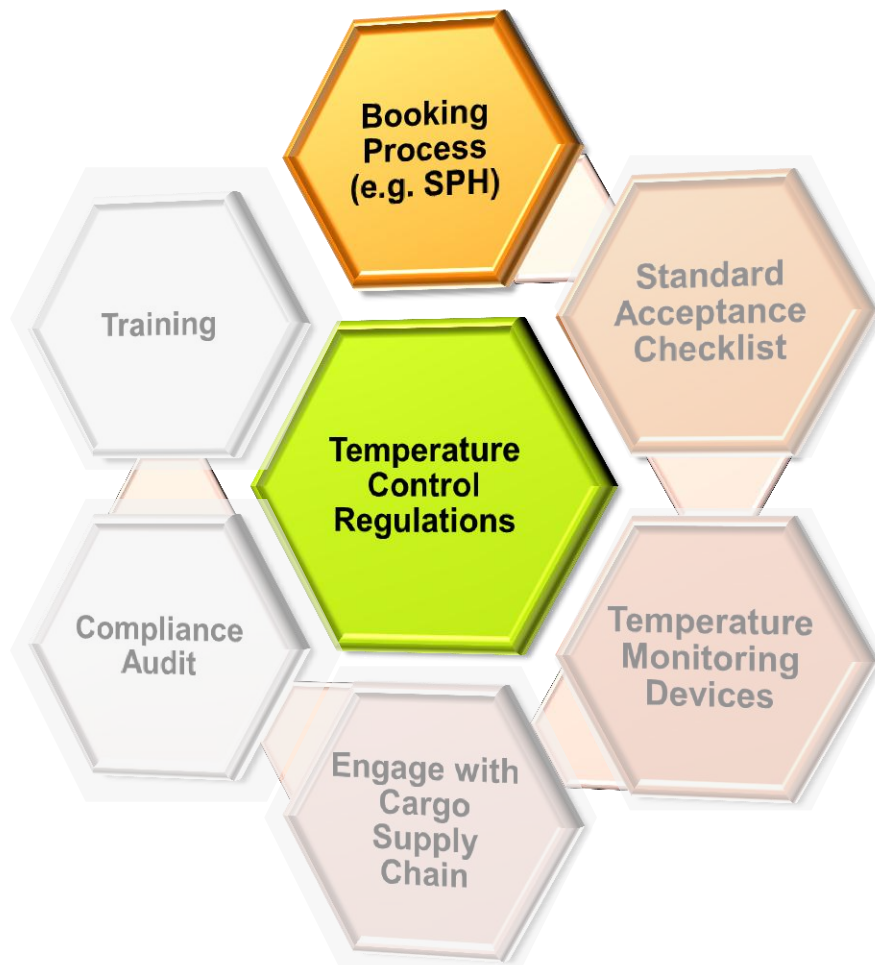
- Promote the New Temperature Controlled Regulations (TCR)



Changes Going Forward

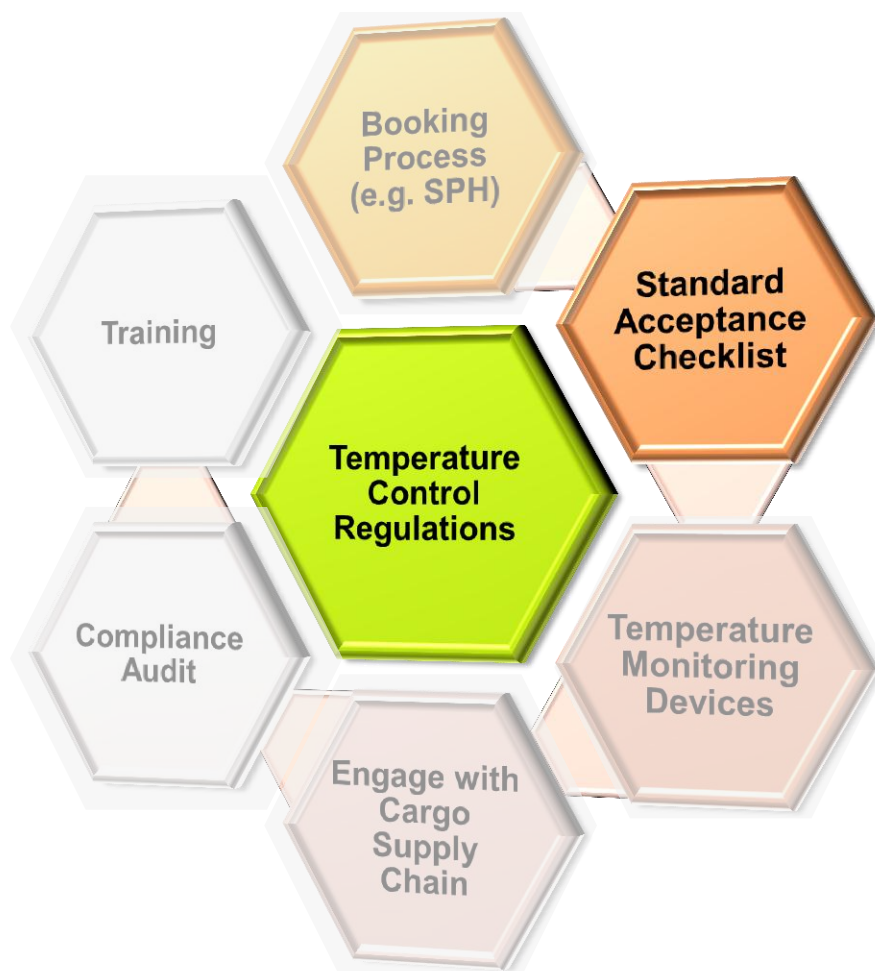



Changes Going Forward



Example:
New IATA Special Handling Code:
“CRT” Control Room Temperature

Changes Going Forward





IATA ACCEPTANCE CHECK LIST FOR TIME AND TEMPERATURE SENSITIVE HEALTHCARE SHIPMENTS

Air Waybill No: _____ Origin: _____ Destination: _____

SOP No (where applicable): _____

Note 1: Answer "not applicable" only where an N/A box is provided.
Note 2: If any question is answered "NO", the person checking the shipment shall inform the airline and/or contact the 24hours emergency contact number. This information should be recorded in writing, to be easily retrieved.

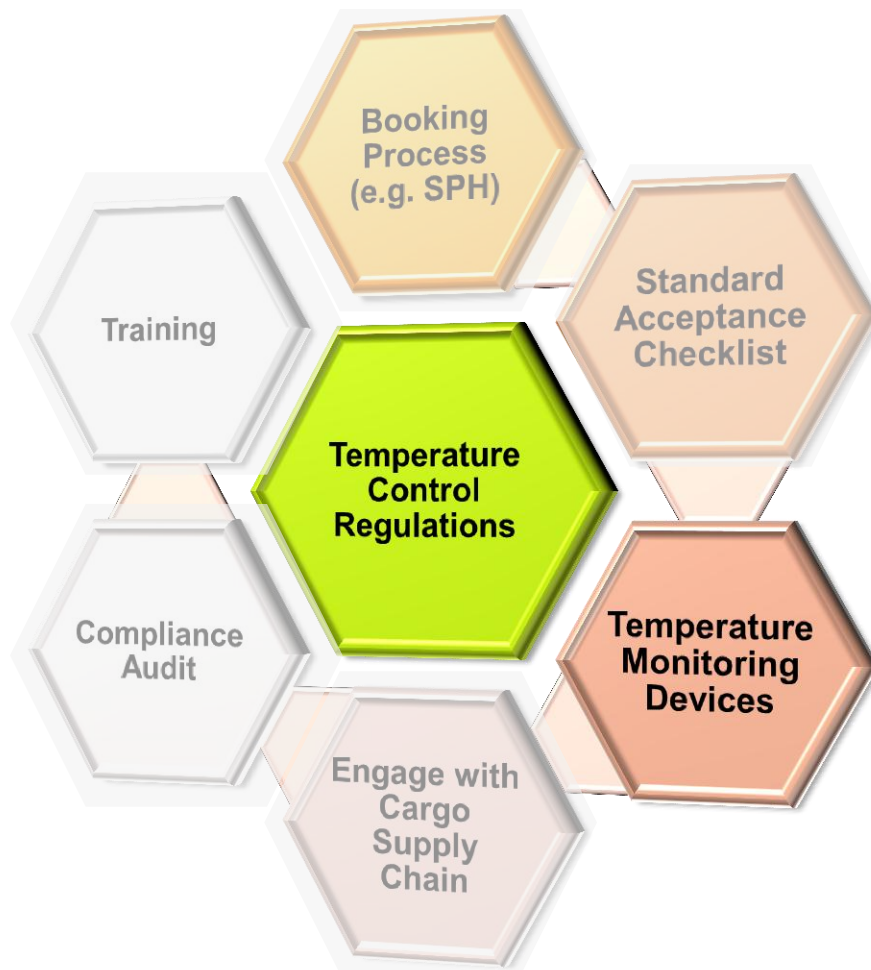
		YES	NO	N/A
A. Air Waybill				
1.	Single temperature range indicated on Air Waybill, where applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	24 hours emergency contact number(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Temperature Checks				
1.	Shipment delivered on temperature controlled truck	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Shipment / Labelling				
1.	IATA Time & Temp. Sensitive Label affixed or pre-printed on the shipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Temperature range in Celsius on the label matching the temperature range stated on the Air Waybill	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Active Temperature Controlled Container (ACT)				
1.	ACT container check sheet completed & placed in container pouch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	The container temperature is in the temperature specified range	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. Comments				

Checked by: _____

Name: _____ Place: _____

Date/Time: _____ Signature: _____

Changes Going Forward

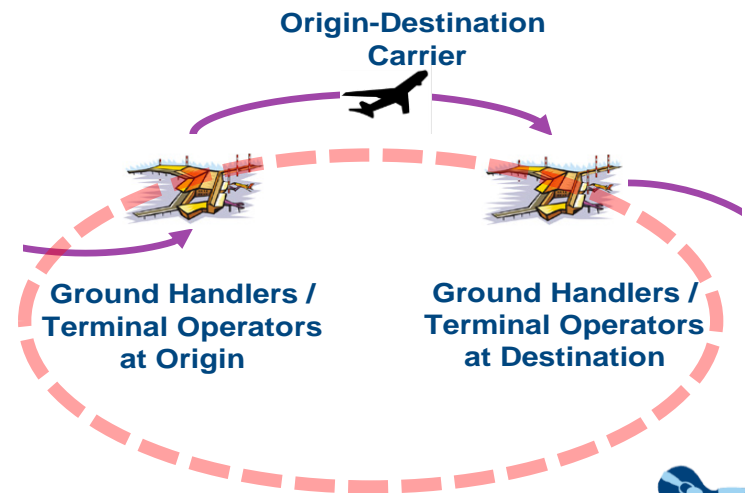
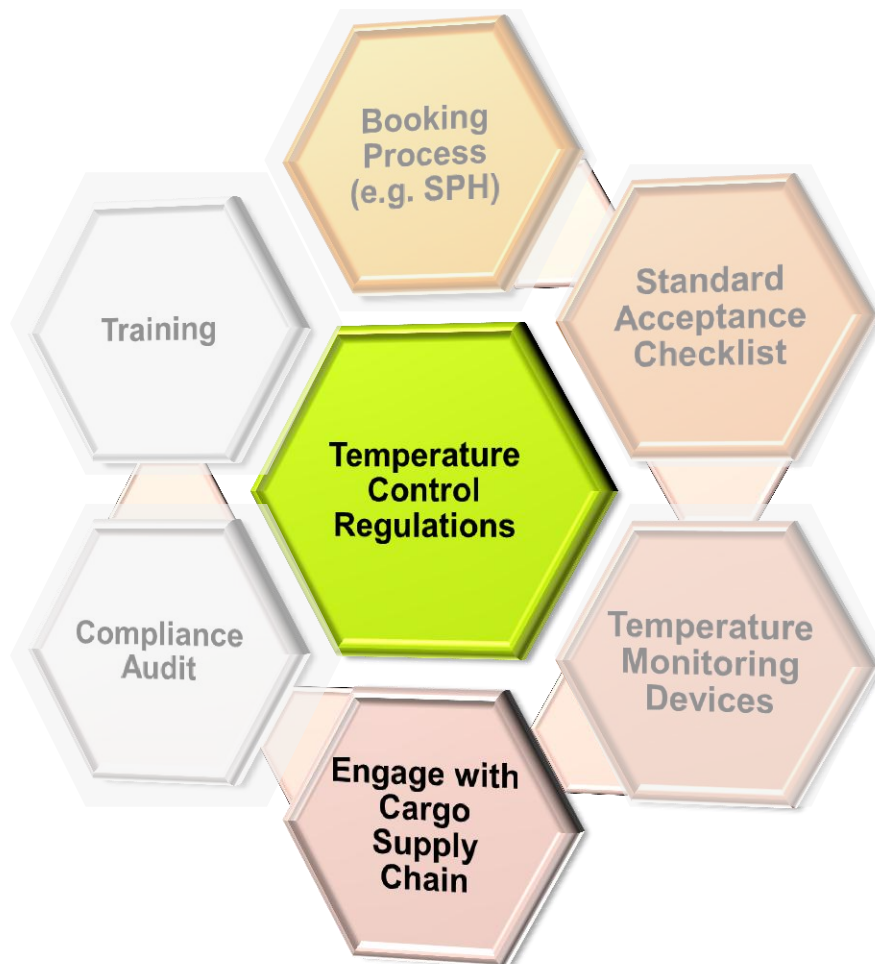


Standardize the use of Temperature Monitoring Devices

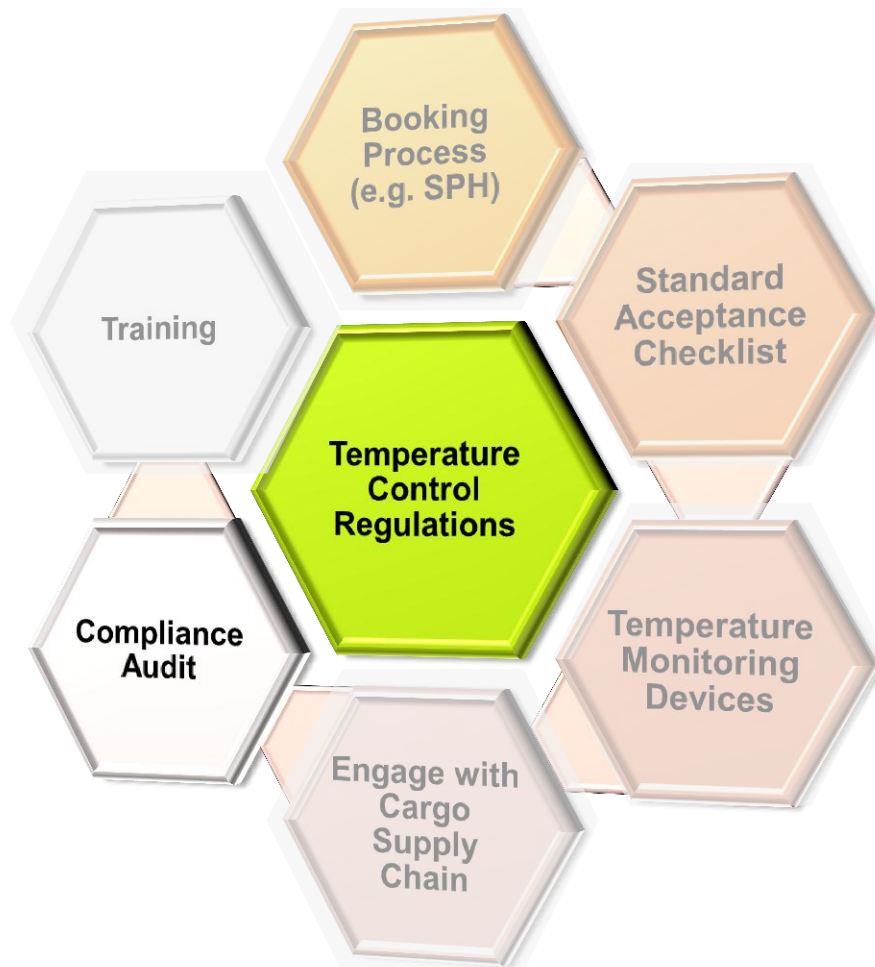


➔ Dedicated Working Group

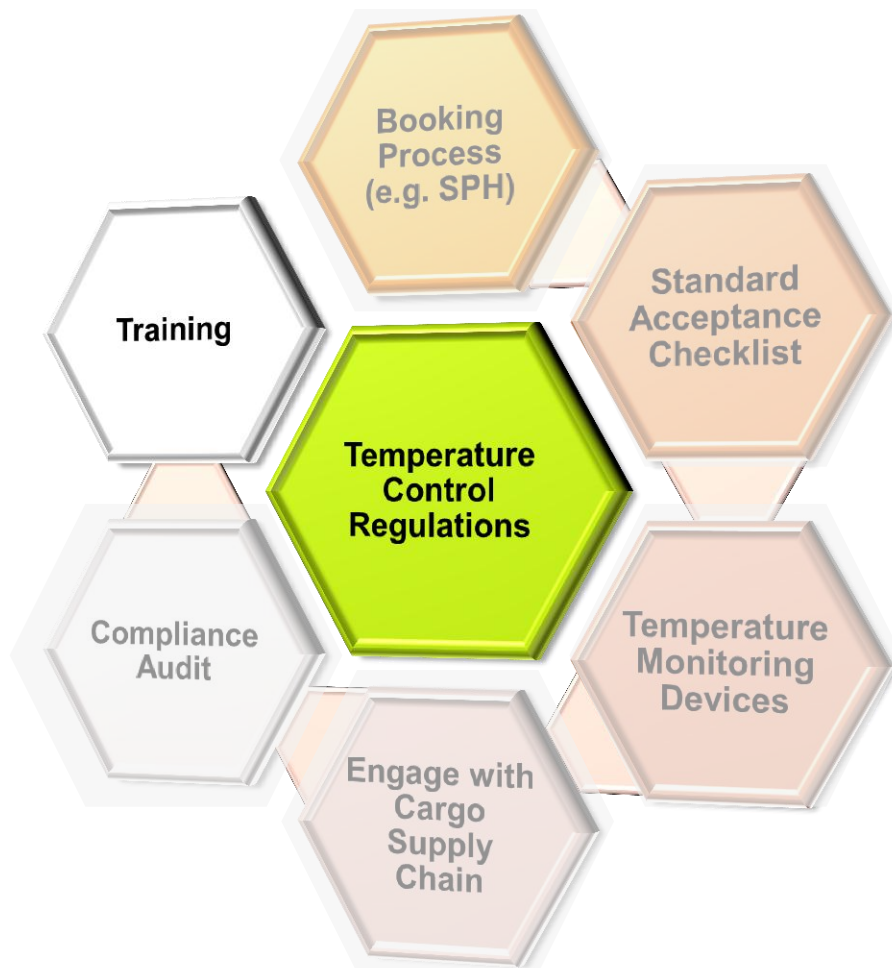
Changes Going Forward



Changes Going Forward



Changes Going Forward





Thank You

Andrea Gruber
Manager Business Process & Standards
IATA Cargo

gruber@iata.org
www.iata.org/perishables

To represent, lead and serve the airline industry