



IATA Standards: Air Freight Transportation of Temperature Sensitive Products



About IATA

- 
- A large passenger airplane is shown from a low-angle perspective, flying upwards through a bright blue sky filled with white, fluffy clouds. The aircraft's four engines and wings are clearly visible.
- The International Air Transport Association is the industry's global trade association
 - Founded in 1945 with 240 members, IATA represents 84% of global air traffic
 - IATA's mission is to represent, lead and serve the air transport industry
 - IATA delivers Standards and Solutions to ensure a successful air transport

About Air Cargo

- Scheduled air cargo started 90 years ago with mail
- Essential engine of today's global economy and airlines business
- Consists of general & special cargo e.g. perishables
- 30% of worldwide value of Cargo transported and 3% in volume
- Speed and on time delivery are the competitive advantages



IATA Cargo Services Conference

CARGO SERVICES CONFERENCE (CSC)



CSCRM

**Dangerous Goods
Board
(DGB)**

**Live Animals and
Perishables Board
(LAPB)**

**ULD
Panel
(ULDP)**

**Airmail
Panel
(AMP)**

**Cargo Business
Processes Panel
(CBPP)**



DGR



LAR



PCR



TCR



ULDR

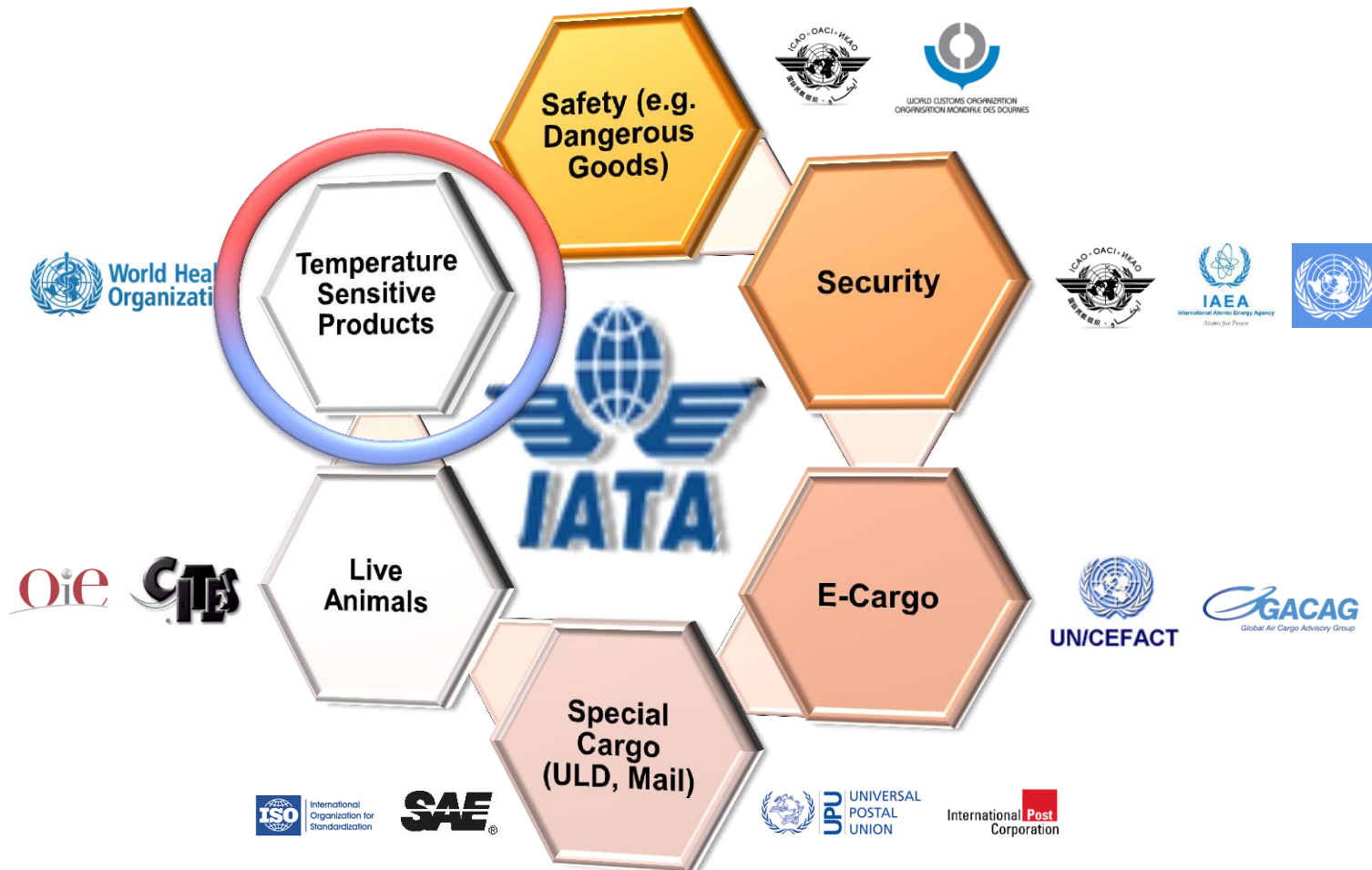


AHM



CIMP & CXML

Industry Cooperation

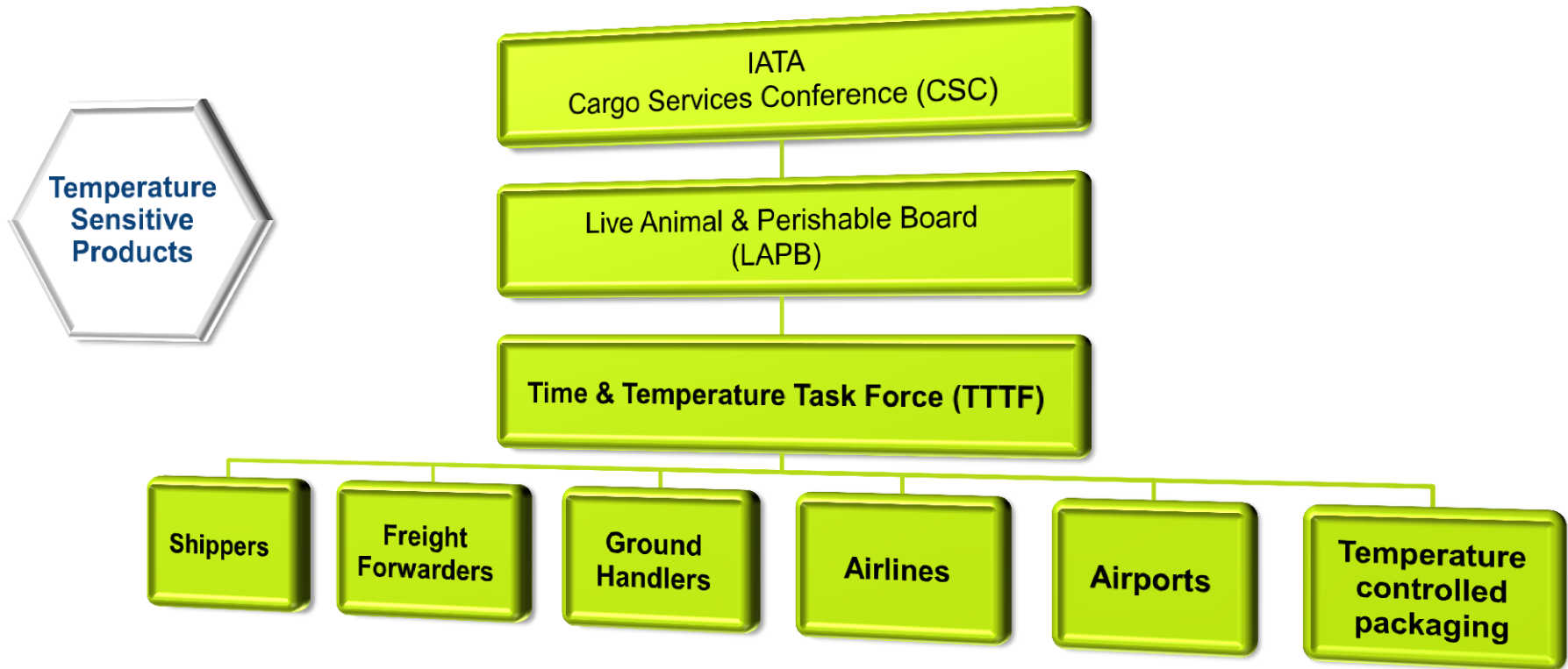


Industry Cooperation

- Immunization prevents 2.5 million deaths every year
- Air cargo is critical in flying vaccines to their destination in time to be effective.

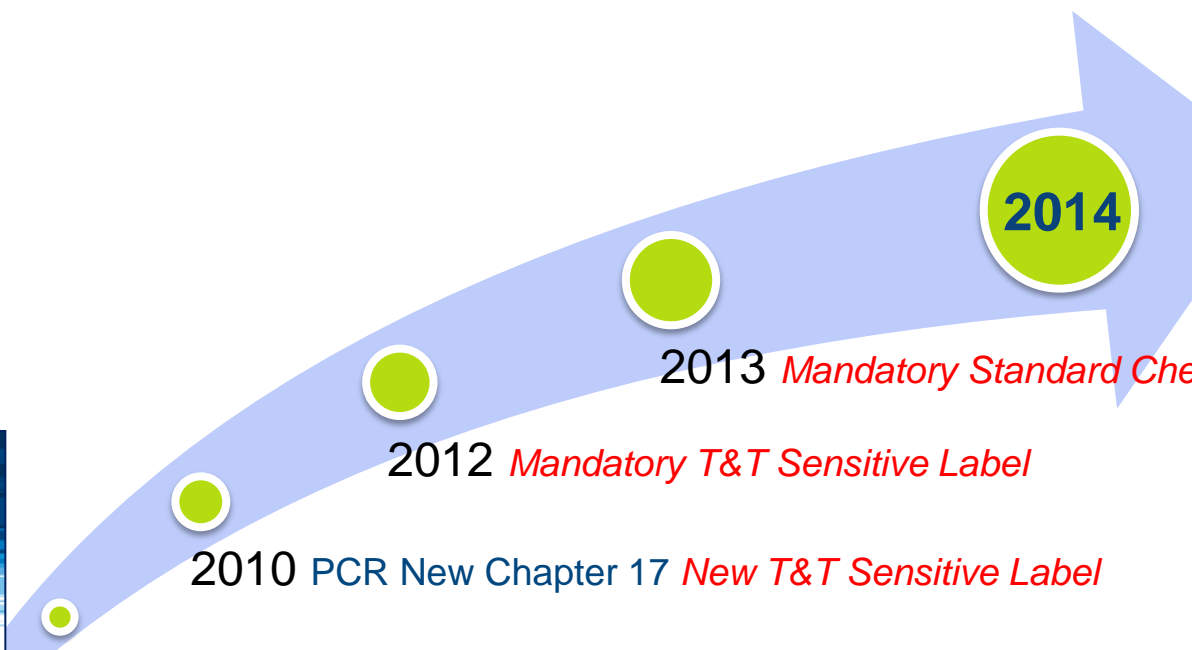


Supply Chain Approach



Development of Standards

Temperature Sensitive Products



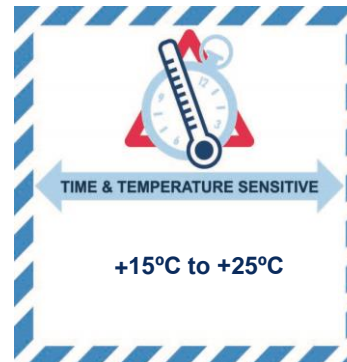
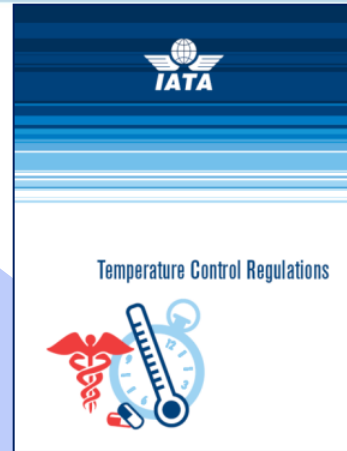
2007 Perishable Cargo Regulations (PCR) *Industry standard*

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

2012 *Mandatory T&T Sensitive Label*

2013 *Mandatory Standard Checklist*

2014



Industry feedback driving improvements:

- **Increasing number of regulations** around the world to implement and comply with
- **Airlines, GHAs and forwarders subjected to multiple audits** for handling, transportation and distribution e.g. EU 92/25/EEC, IATA PCR Chapter 17 & TCR
- Shippers have **difficulties to identify industry stakeholders that meet standards and regulation at origin and destination** and modal shift is a reality
- **No global certification** for handling of pharmaceutical products
- **Increasing shift in pharmaceuticals transported by sea due to air cargo challenges**
- **IATA was requested by the industry to address their needs to ensure compliance and quality services**



Center of Excellence
for Independent Validators



Improve together to protect and grow our industry

Objectives

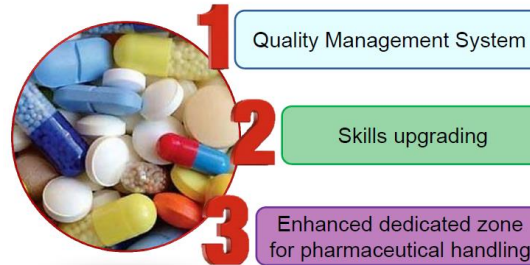
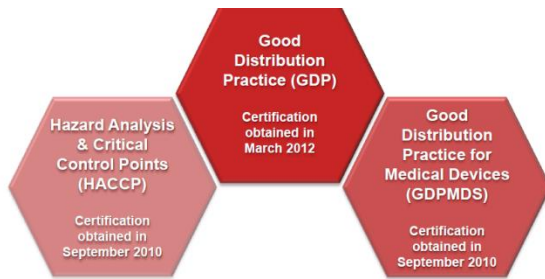
- **Prevent sanitary issues** caused by temperature excursions during handling and transportation of pharmaceuticals.
- **Ensure product integrity** maintained during transportation until product reaches patient.
- **Improve handling** of pharmaceuticals and compliant with existing regulations.
- **Create a globally consistent and recognized certification** that industry can rely on.
- **Address industry concerns** and provide services to elevate level of competency.

CEIV Proposed Solution



Singapore Airport Terminal Services “SATS” Project

3 Key Areas of Collaboration



(1) Quality Management System (QMS)



IATA assessed SATS Coolport's QMS based on its Temperature Control Regulations and WHO's GDP

The assessment was for excellence beyond meeting minimum requirements



Assessment was conducted over a three-month period between November 2013 and January 2014

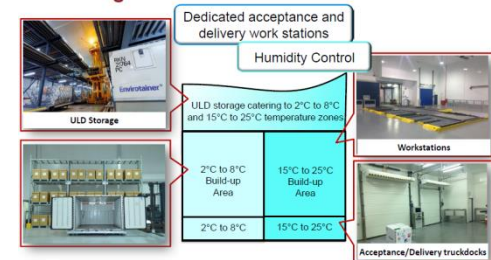
(2) Training

Over 80 Coolport staff are undergoing specialised training by IATA trainers on:

- Temperature Sensitive Cargo Handling
- Active Container Handling
- Risk Management of Temperature Controlled Cargo
- Temperature Sensitive Cargo Audit and Quality Control
- Harvard Managementor Course



(3) Dedicated Pharmaceutical Handling Zones



SATS Coolport Project



Transforming Challenges into Success

- Supply Chain Collaborative Approach
- Implementation of Standards & Harmonized Procedures
- Communication and Cooperation from start to end
 - ➔ With IATA's mission to represent, lead and serve the airline industry



Thank You

Yaniv Sorany
IATA Cargo



To represent, lead and serve the airline industry