



IATA Cargo Experts Conference “PHARMA”

*Thermal Packaging and Temperature-Controlled Container alone
is not enough!*

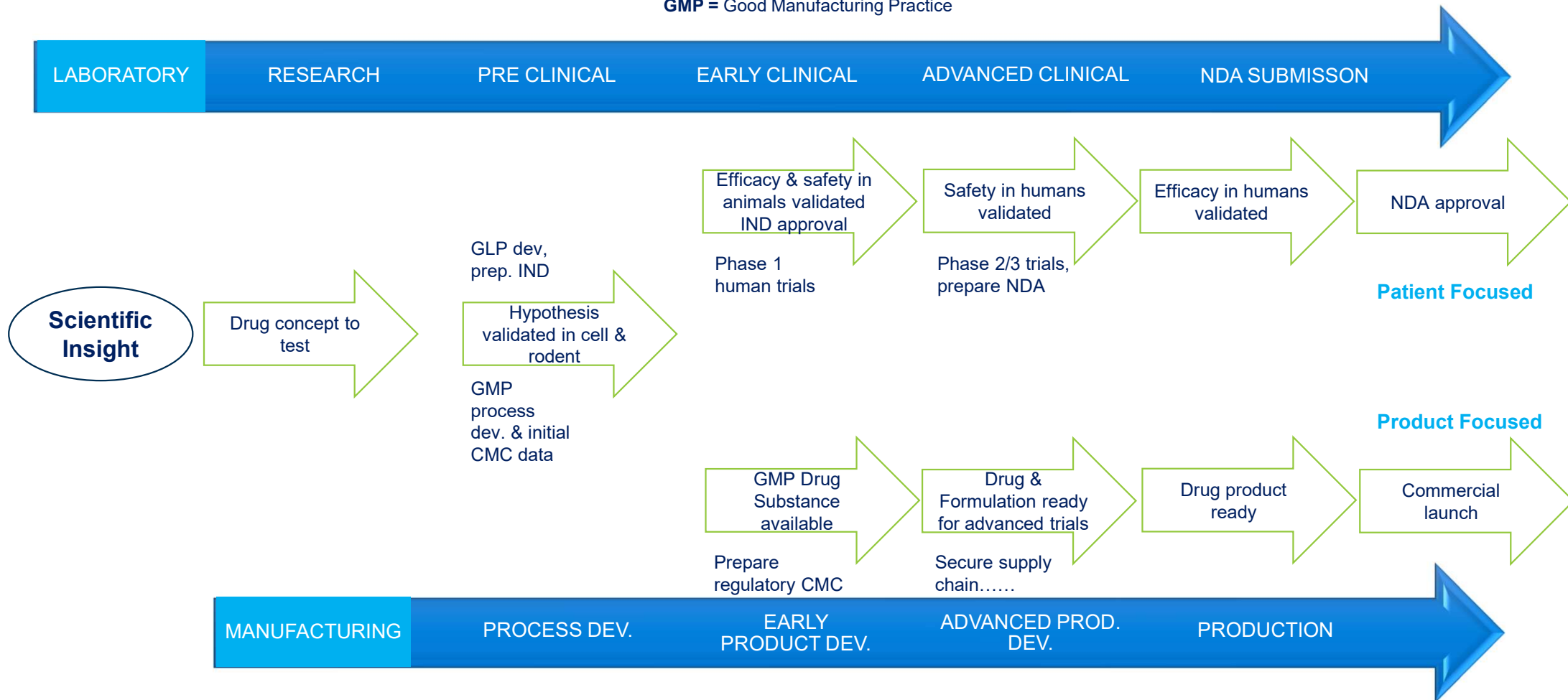
Bourji Mourad
BRU - 25 Sep 2025

THERMOSAFE®

The Journey of a Drug

GLP = Good Laboratory Practice
IND = Investigational new drug
GMP = Good Manufacturing Practice

CMC = Chemistry, Manufacturing, and Controls
NDA = New Drug Application



Regulations – Guidance - Compliance



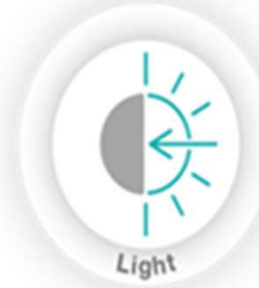
Bulk Packaging Solutions (to name a few)



Larger Equipment for protecting Temp. Sen. Cargo



Telemetry – IOT ...



Selection & Qualification of Packaging Solution



Decision Process & Criteria for using new Packaging Solution

1 **PEACE OF MIND**
Does the packaging solution fulfil
Regulatory & Product Quality
requirements?



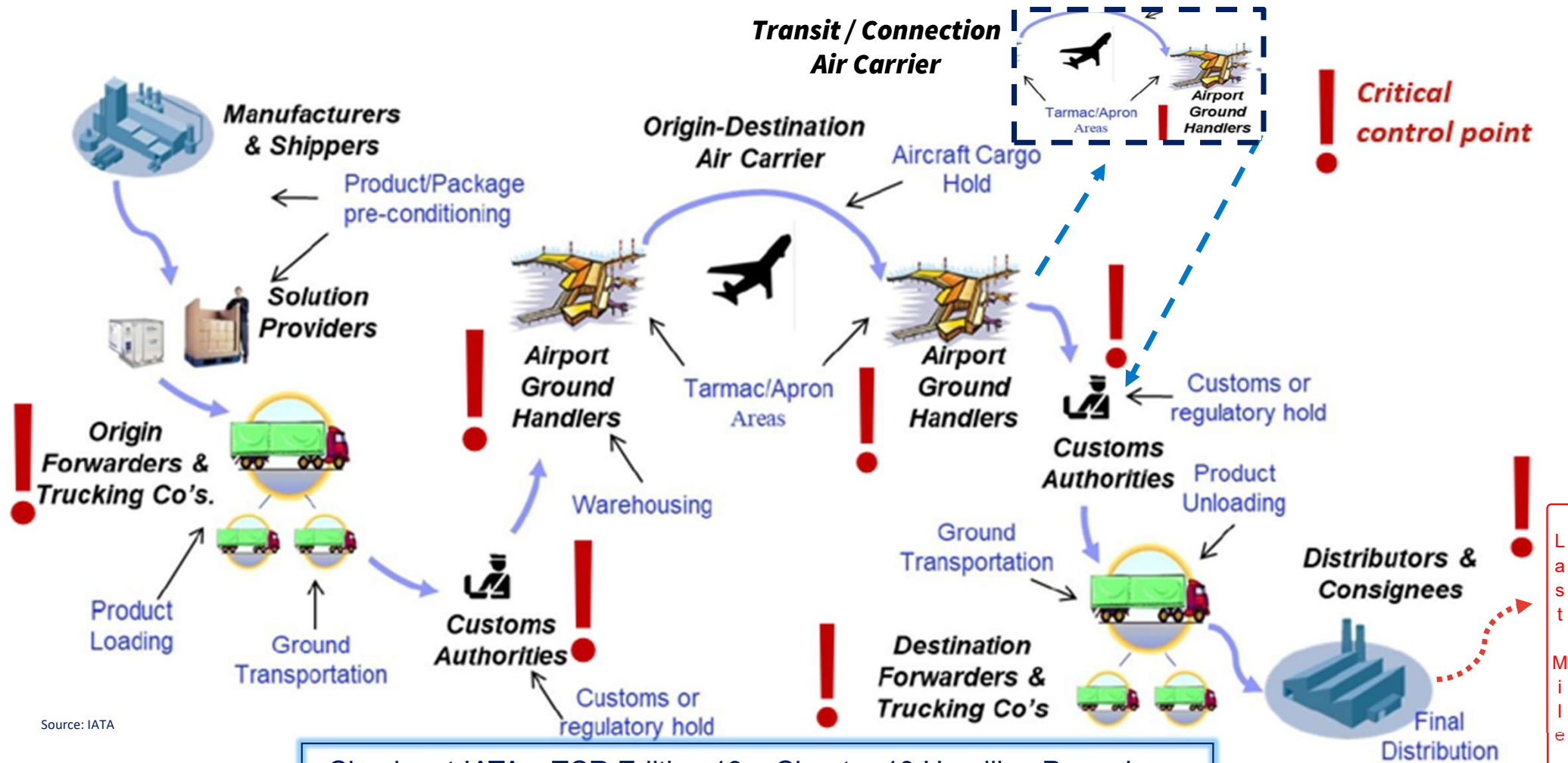
2 **RELIABILITY**
Does the packaging solution allow
user to Deliver on Time and in Full?



3 **CRITERIA**
Does the packaging solution fulfil all
Other Requirements?



Stakeholder, Critical Control Points – ie: Cold Chain



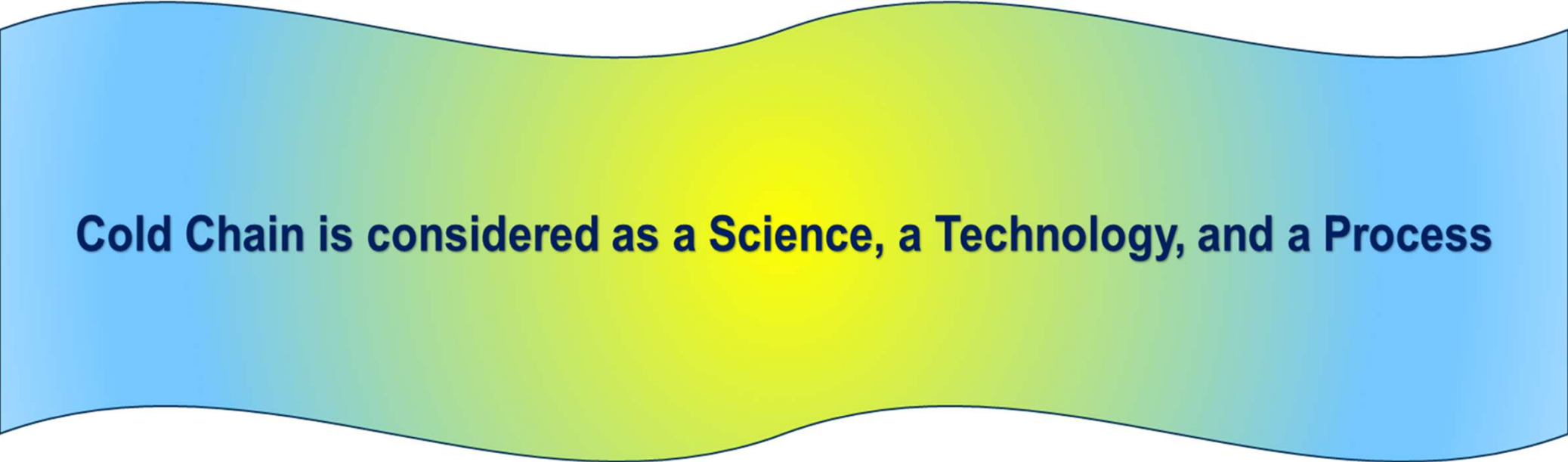
Source: IATA

Sonoco Confidential Document

Check out IATA – TCR Edition 13 – Chapter 10 Handling Procedures

IATA Cargo Experts Conference - Pharma

Cold Chain



Cold Chain is considered as a Science, a Technology, and a Process



THANK YOU

Bourji Mourad
Director, Global Leasing & Market Development
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THERMOSAFE
because every degree matters

 **SCAN ME**