

# Automotive Industry



Tecnológico  
de Monterrey



# Training and Support of the Quality Requirements of OEMs



Quality  
Requirements



IATF



Core  
Tools



Control Tools



Logistics and  
Supply Chain



Agile  
Management



KAIZEN

## Production processes for industry



Stamping



Proyects



PLC  
Programming



Plastic  
Injection



Tooling  
Design



Maitenance



Painting



New  
Materials



Lean  
Design

## Soft Skills for Industry



Problem  
Solving



Operational  
Planning  
Hoshin Kanri



TPM

**Manufacturing Process**



Team  
Building



Management  
Skills



Leadership



High  
Potentials



Coaching



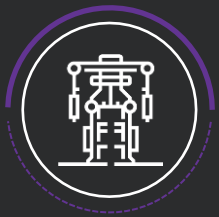
Customer  
Focus

**Human Development**

# Industry 4.0



Automa-  
tization



Robotics



IIoT



Manufacture  
Additive



Block  
Chain



Machine  
Learning



Cybersecurity



Big Data



Artificial  
Intelligence



AV/VR





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CeDIAM

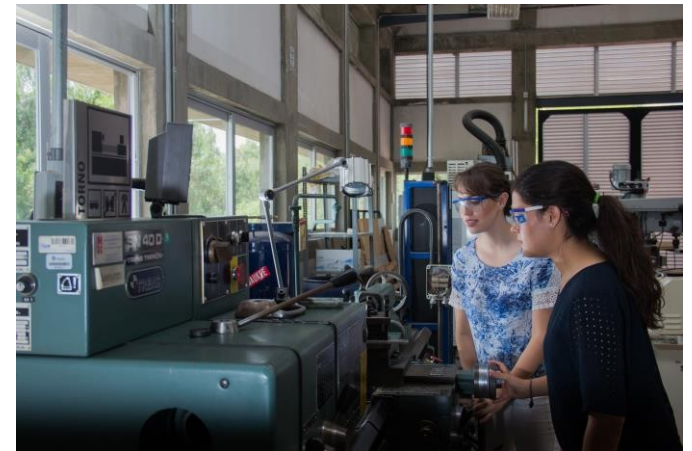


# CENTER FOR THE DEVELOPMENT OF THE AUTOMOTIVE INDUSTRY OF MEXICO

The center was born in 2001 to detect the needs of the automotive industry in Mexico.

Promoted by the alliance with NISSAN (MEX, USA, SPAIN) in matters of improvement and development of suppliers, an alliance with ITESM is established to develop specialized programs:

- ✓ Suppliers Top Management training
- ✓ ANPQP
- ✓ Logistic Quality







# CENTER FOR THE DEVELOPMENT OF THE AUTOMOTIVE INDUSTRY OF MEXICO



# TECHNOLOGY CENTER FOR LOGISTICS AND PACKAGING

The Packaging Laboratory within CeDIAM Aguascalientes has been certified since 2010 by the International Safe Transit Association (ISTA) for the execution of packaging tests.

Its scope is to perform general simulation, partial simulation, focused simulation, and test protocols referenced in ASTM 4169.



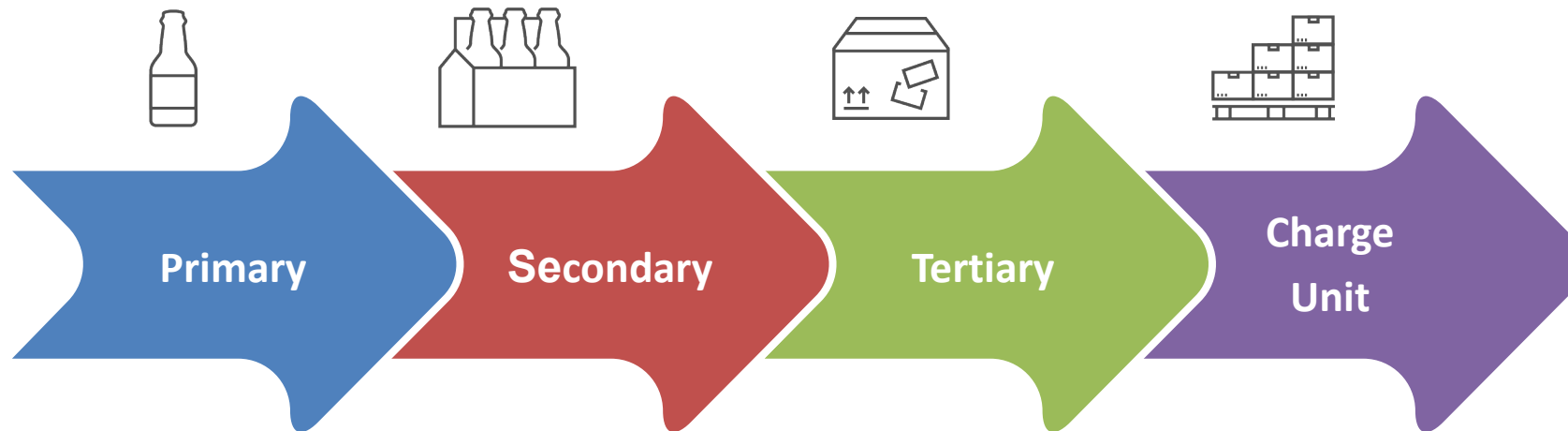
## Lab Tests:

- Packaging standardization
- Studies to determine the best product size, number of boxes, box size and pallet load
- Packaging Validation
- Packaging Design



# PACKAGING TEST

It consists of carrying out a measurement of the characteristics and properties of a packaging system. It can be evaluated at the packaging level:



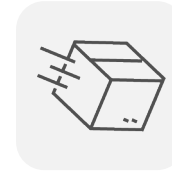
PDT: Product Damage Tolerance

PDA: Package Degradation Allowance

# LAB TESTS



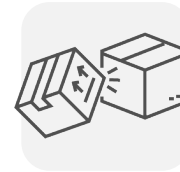
Vibration



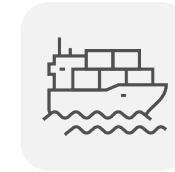
Inclined Impact



FreeFall



Compression

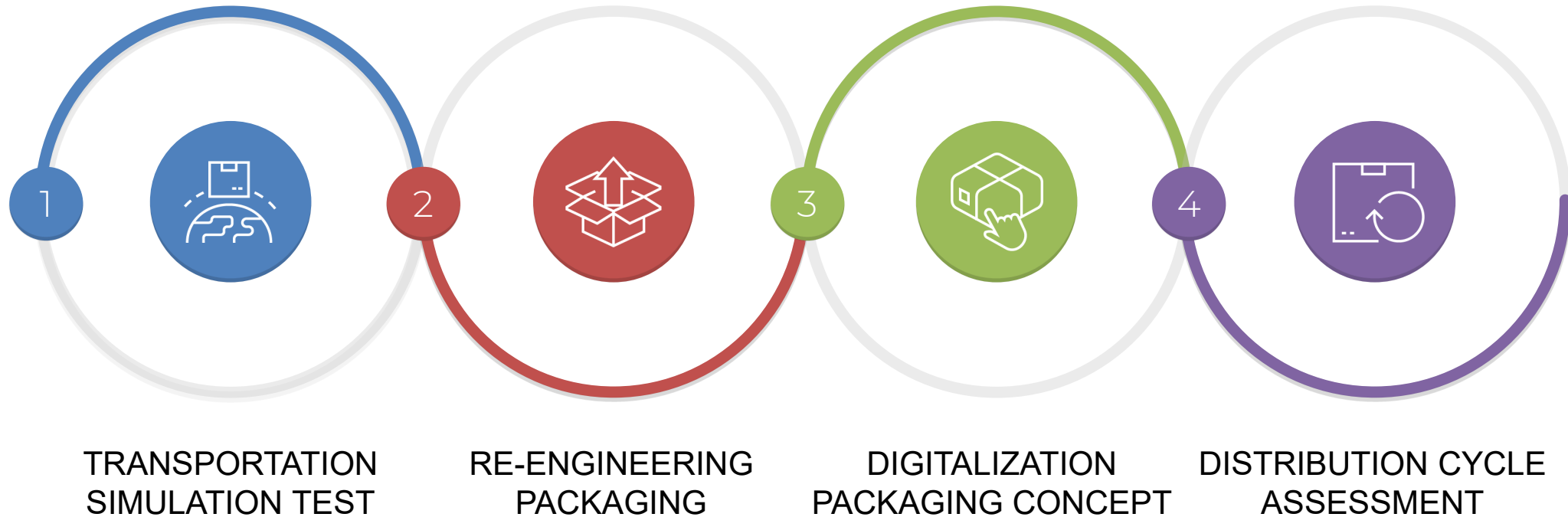


Atmospheric Conditioning





# SERVICES



# CONTACT



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