

# Kaizen and "Kanban": Warehouse Process Improvement and LEAN Implementation

Department of Industrial and Systems Engineering (Systems Design Project)

## PROBLEM DEFINITION AND OBJECTIVES



# FUTURE WORKS

- · Monitor the demand for various corrugated boxes on a daily basis
- · Build closer ties with suppliers so that lead time can be minimised and orders at or approximately equal to
- Economic Order Quantity (EOQ) can be made instead of ordering at minimum order quantity
- Continue having both internal and external audits to critically examine the processes
   Establish an estimation for holding cost, setup cost, and shortage cost
- · Encourage associates to identify potential improvement opportunities and provide regular feedback to supervisors

#### Partners at Cummins

- Amit Gokhale (Operations Leader)
   Amulum (Customer Care Director)
- Amy Lum (Customer Care Director)
   Charolette Dawn Mallari (Packaging Supervisor)
- and the Packaging team
- Jamadi bin Samat (Inbound Supervisor) and the Inbound team
- Wong Fook Yuen (Outbound Supervisor) and the Outbound team

### NUS ISE Supervisors

- A/Prof Poh Kim Leng
  Dr Kim Sujin
- Angel Astaman
- Chay Yu Wei
- Theresia Gladies Novena
   Wang Huge
- Wang Huan

