

Project Objectives

Warehouse Design

Efficiency Tool for Palletization

Material & Information Flow- SOP

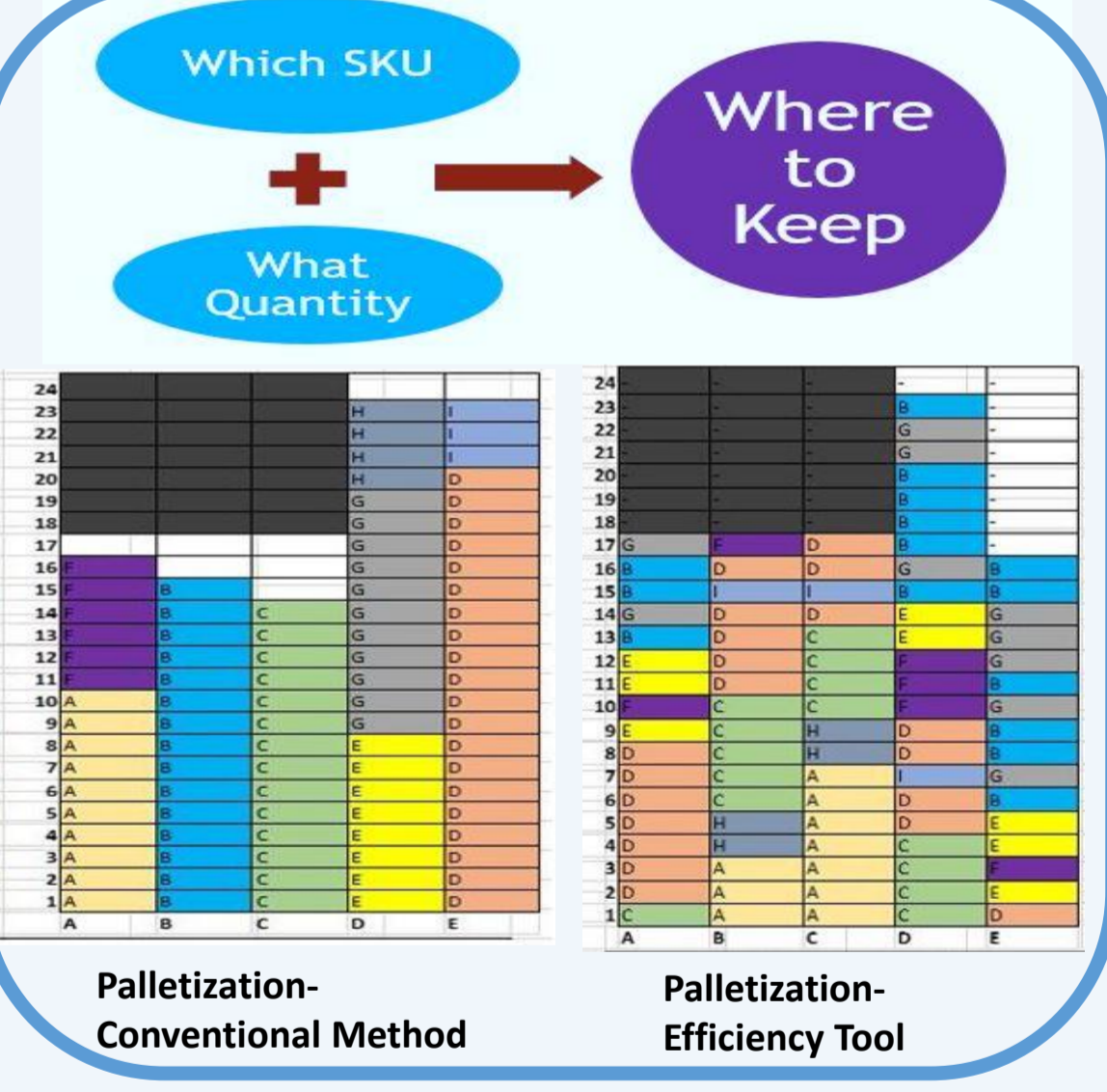
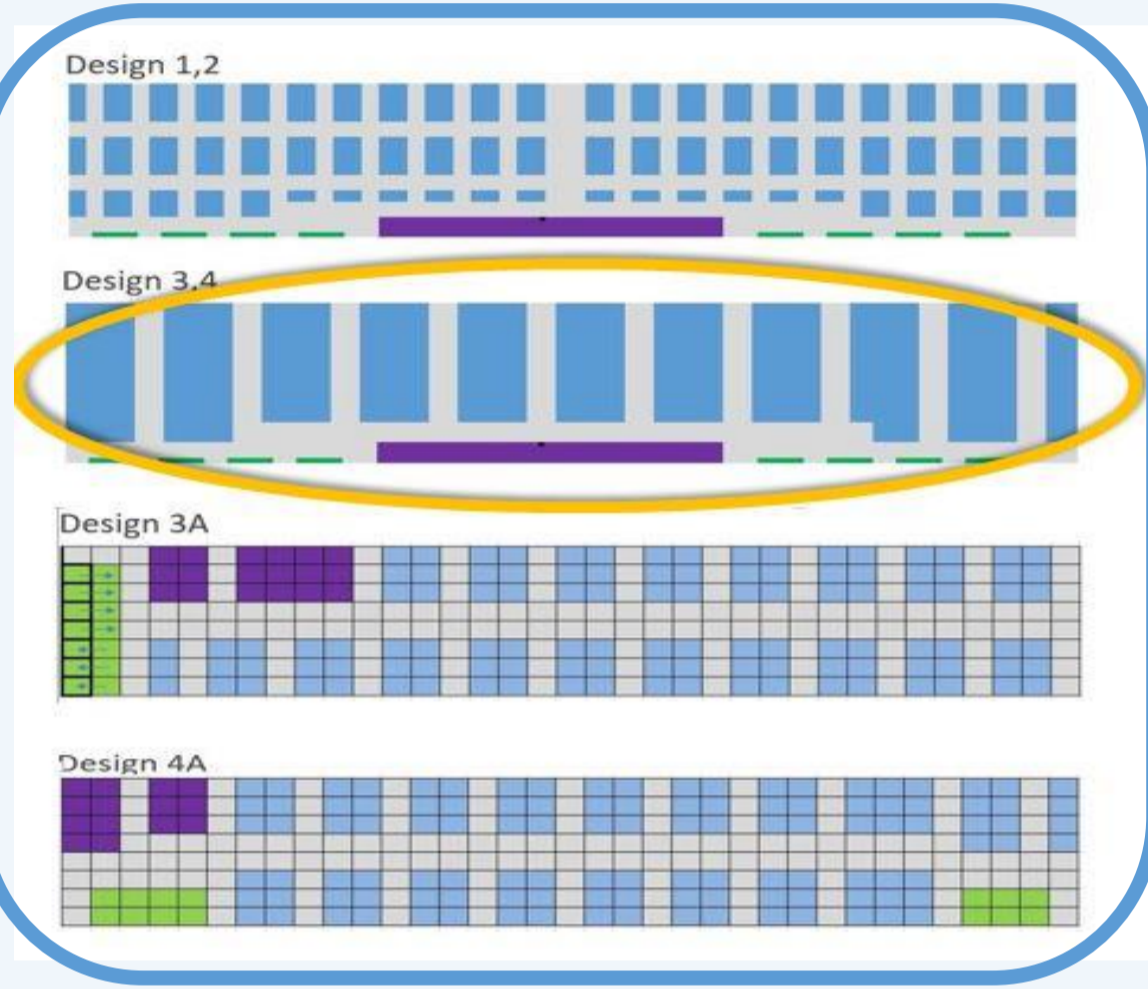
Criteria & Analysis

- ❖ Surface Area Utilization
- ❖ Rack Assembly Design
- ❖ Material Movement Trajectory
- ❖ SKU Location & Rotation
- ❖ Forklift Types

- ❖ Distance Travelled by Forklifts
- ❖ SKU Location
- ❖ Identifying closest location plan
- ❖ Advanced Open Solver
- ❖ Limitation

- ❖ End to End Process Map
- ❖ Practices followed by other Cargill Warehouses
- ❖ Responsiveness

Project Execution



- SOP Level 1 :
 - A. [Overall Flow](#)
- SOP Level 2 :
 - A. [Receiving & Put-away, Pallet Stacking- Flow Chart](#)
 - B. [Receiving & Put-away, Pallet Stacking- Detailed SOP](#)
 - C. [Order Receiving and Loading- Flow Chart](#)
 - D. [Order Receiving and Loading- Detailed SOP](#)
- Information Data Sheet :
 - A. [Detail Qty Sheet at Product level from Production](#)
 - B. [Rack Allocation Sheet for Products](#)
 - C. [Truck Loading Sheet](#)

Result & Recommendation

