



Midterm Presentation

IPRO 306 –

IMPROVING GLOBAL SUPPLY

CHAIN MANAGEMENT



Improving Global Supply Chain Management

- Many forms applied to improve global supply chain. IPRO-306 will be concentrated on the following forms of improvement:
 - Overall Equipment Efficiency (OEE) – Lean Implementation
 - Green Supply Chain
 - Cost Matrix
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Overall Project Goals

- OEE Team overall Objective
 - The goals to OEE project changed due to change of scope. Standards Works will be analyzed on machines
- Cost Matrix Team overall Objective
 - To develop a tool that analyses and compares cost of an item that can be order from different vendors. With such tool, the user can easily pick the best vendor.



Overall Project Goals (continued)

- Green Team
 - Documented supplier performance.
 - Improved supplier quality
 - Reduce dock to stock time.
 - Increased supplier awareness of supplier manual requirements.
 - Appropriate metrics which will be used to track and evaluate supplier performance.
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Team Organization

- Split into (3) teams to solve each issue
 - OEE Team
 - Burim Bakalli (Team Leader)
 - Margaux Froment
 - Luis Pulido
 - Cost Matrix
 - Leonardo Lopez (Team Leader)
 - Dhaval Doshi
 - Suzanne Razmi
 - Tuesday Njoagwuali
 - Angad Singh
 - Green Team
 - Erhan Edlinger
 - Oluwabanji Odula
 - Arya Ramesh



Team Progress

- OEE Team
 - Met with Sloan Lean and OEE management to define problems
 - Discussions on potential changes to OEE process
 - Scope of change occurred unexpectedly and new tasks and goals were given to OEE team:
 - Standards Works
 - Soon to be meeting with Sloan to determine which machine we will be observing.
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Team Progress (continued)

- Cost Matrix Team
 - Collected data from Sloan, questioning and understanding the needs of the customer
 - Made a framework for the tool
 - 50% of the work is done
 - Remaining: Summary tab, testing and refining
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Team Progress (continued)

- Green Team
 - Supplier Certification Program
 - Toured the manufacturing floor.
 - Questioned supervisors of several “departments”
 - Created Project Plan using Toyota’s A3 planning method.
 - Analysis of received goods data.
 - Total number of receipts.
 - Number of receipts that require inspection.
 - Number of defects.
 - Time spent on inspection.



Obstacles Faced

- OEE Team
 - Change of Scope to Standards Works instead of purely OEE.
 - Cost Matrix Team
 - Limited financial background
 - Limited professional experience
 - Green Team
 - Very large supplier base.
 - Incomplete or unavailable data.
 - Unfamiliarity with the SAP Enterprise system.
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Anticipated Challenges

- OEE Team
 - The ability to complete a standards works in a short amount of time.
 - Time constraints.
- Cost Matrix Team
 - Make the tool as efficient and accurate as possible
 - Make the tool “User Friendly”
 - Remove subjectivity



Anticipated Challenges (continued)

- Green Team
 - Creating an implementation plan that Sloan can efficiently put into effect after students leave.
 - Configuring SAP correctly to allow the tracking of Supplier performance.
 - Establishing appropriate metrics to accurately gauge supplier performance.
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Needs/Requests/Questions

OEE

- Due to sudden Scope change, some assistance will be required to better understanding of the new scope from professionals and teachers at school and any resource available.
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**Any
Questions?**