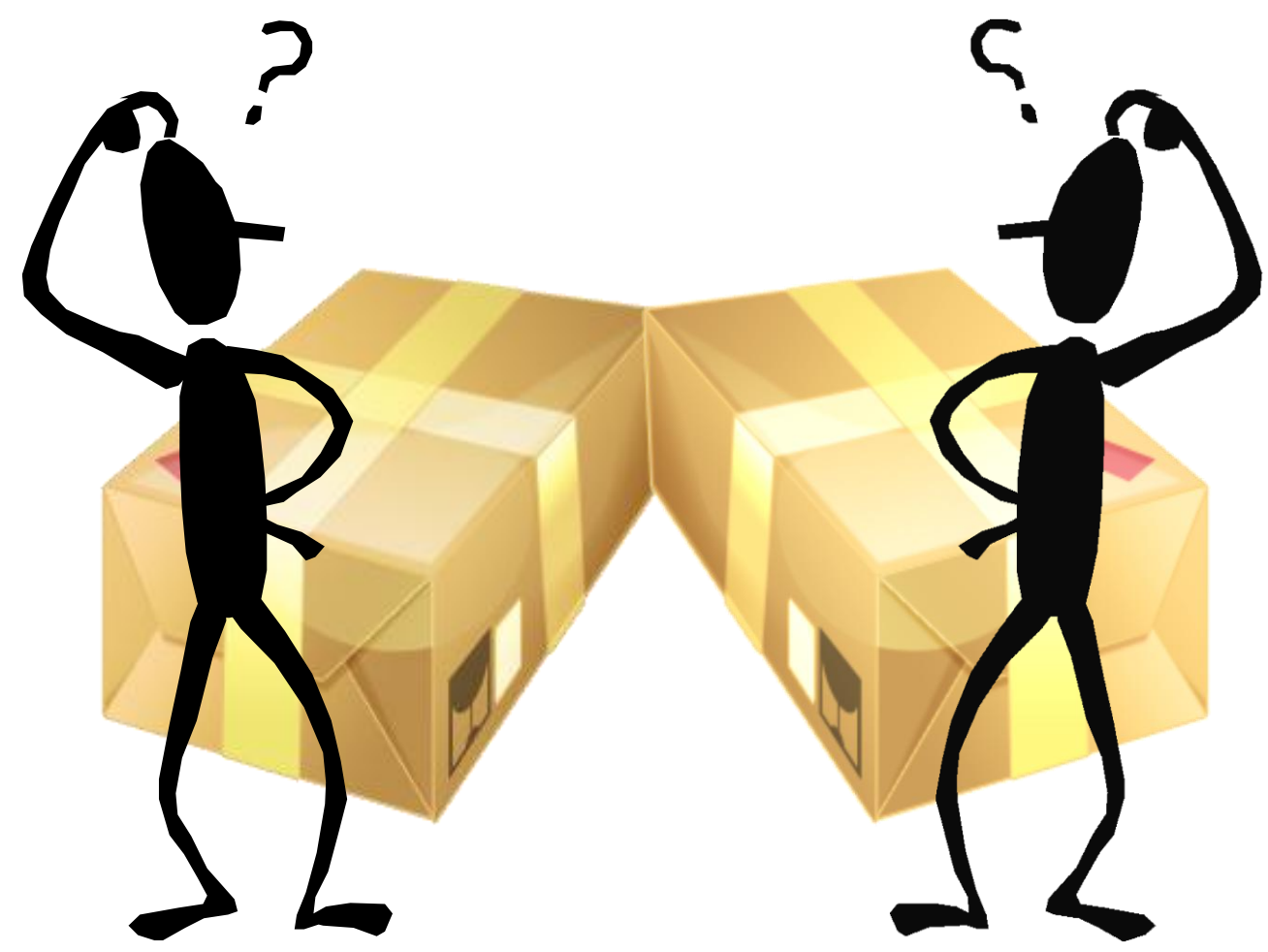


IPRO 345 | Improving Food Packaging Processes

Team A: Plant Layout

Problem

- Product flow and congestion

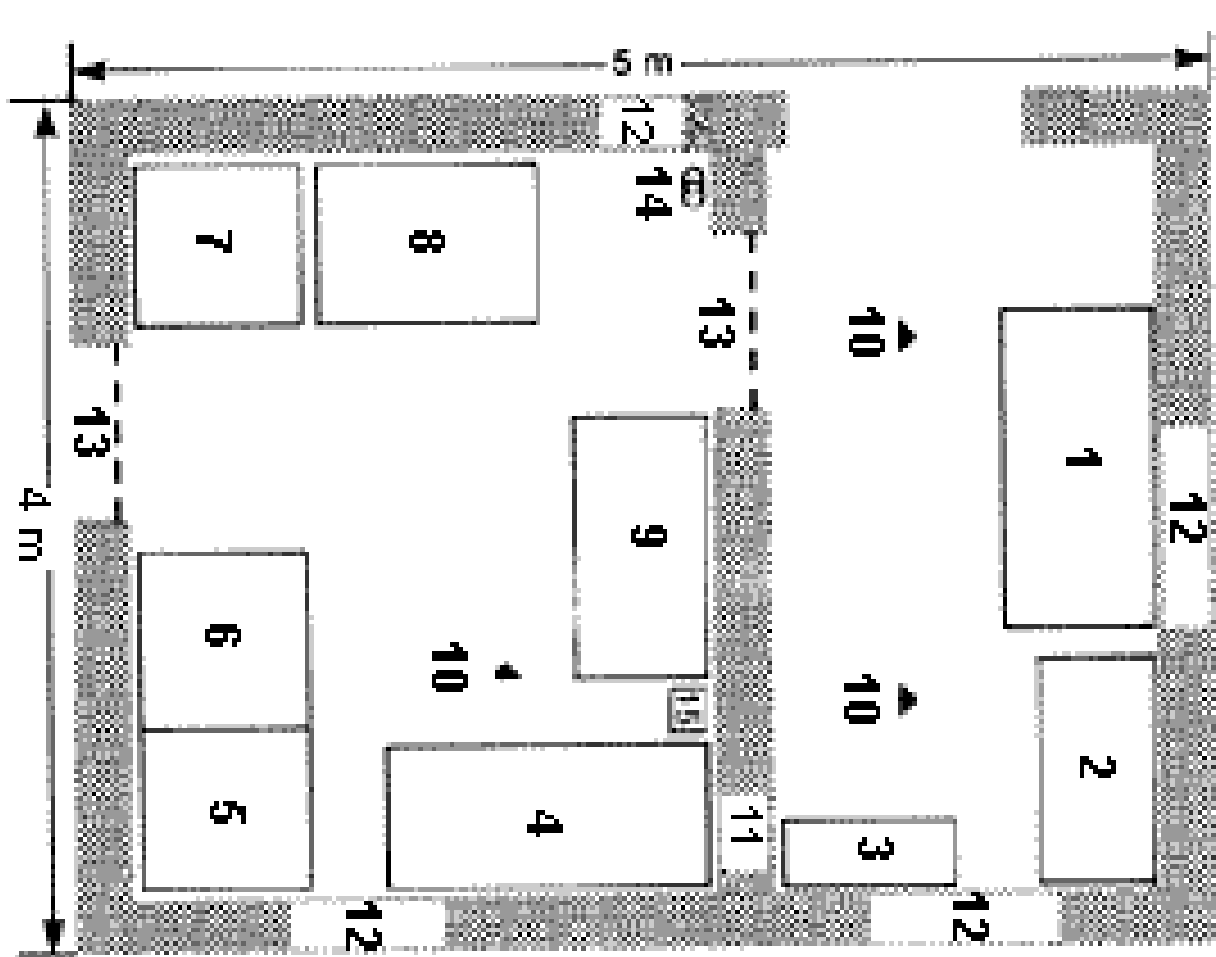


Results

- Identified bottlenecks
- Understood production process
- Frequency of machine usage

Conclusion

- Proposed economically efficient plant layout



Background

- Third generation owned company since 1958
- Produces specialty lunch and deli meats
- Three manufacturing facilities:
 - Lansing, IL (Headquarters)
 - Madisonville, KY
 - Searcy, AR



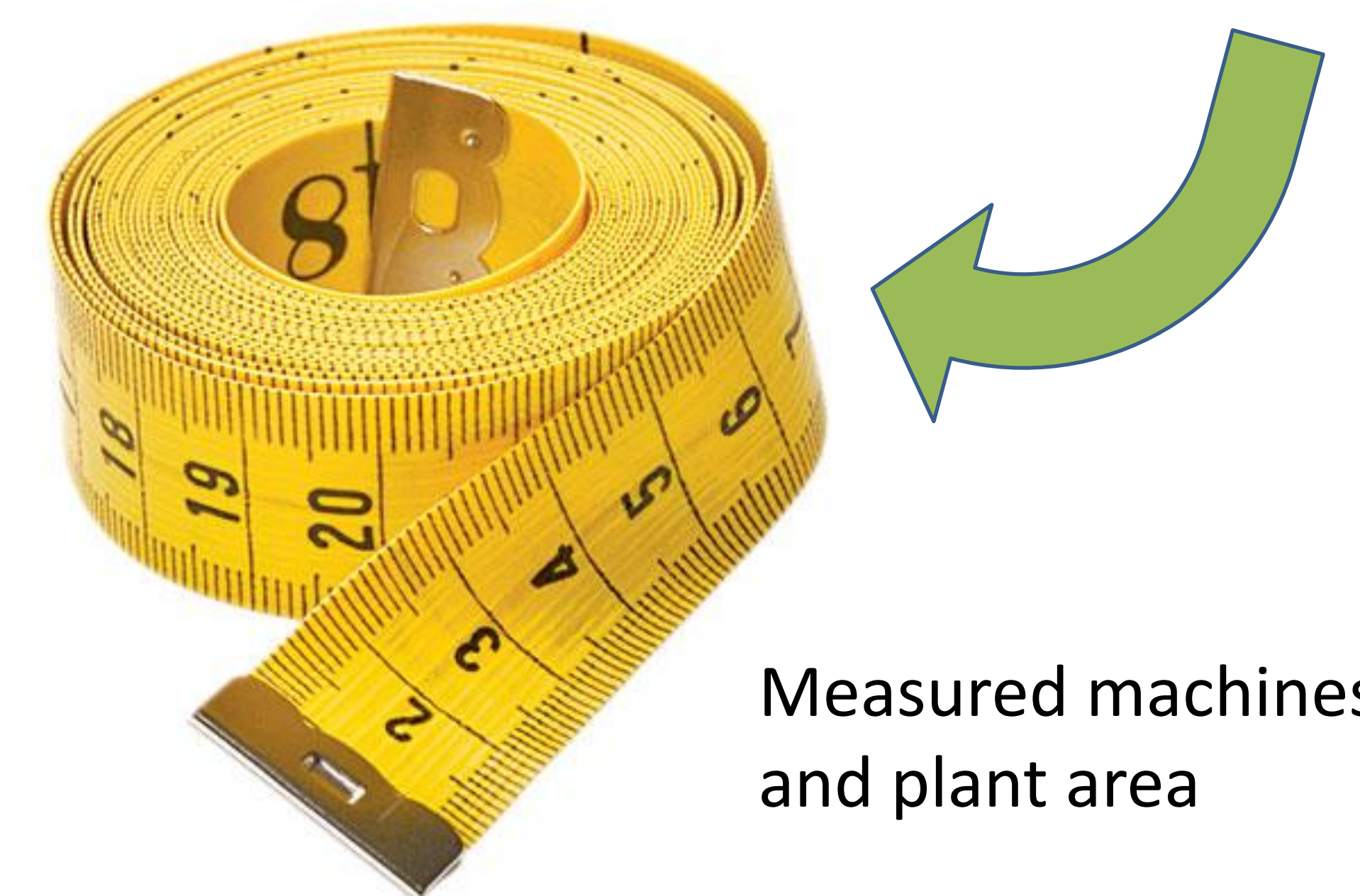
Great Tasting Lunchmeat

Objectives

- Analyze traffic flow of product
- Prepare inventory of tools
- Identify storage locations

Methodology

Gain feedback from plant workers



Team B: Tools

Problem

- Multiplicity of tools
- Lack of storage system



Results

- Reduced number of tools
- Recognized convenient storage location
- Implemented 5S strategies

Conclusion

- Metal shovels vs. plastic shovels
- 4 tooth rakes – Grinders
- 3 tooth rakes – Mixers
- Cords attached to scoops