

Rapid Product Development

Technomatix: Plant Simulation 10

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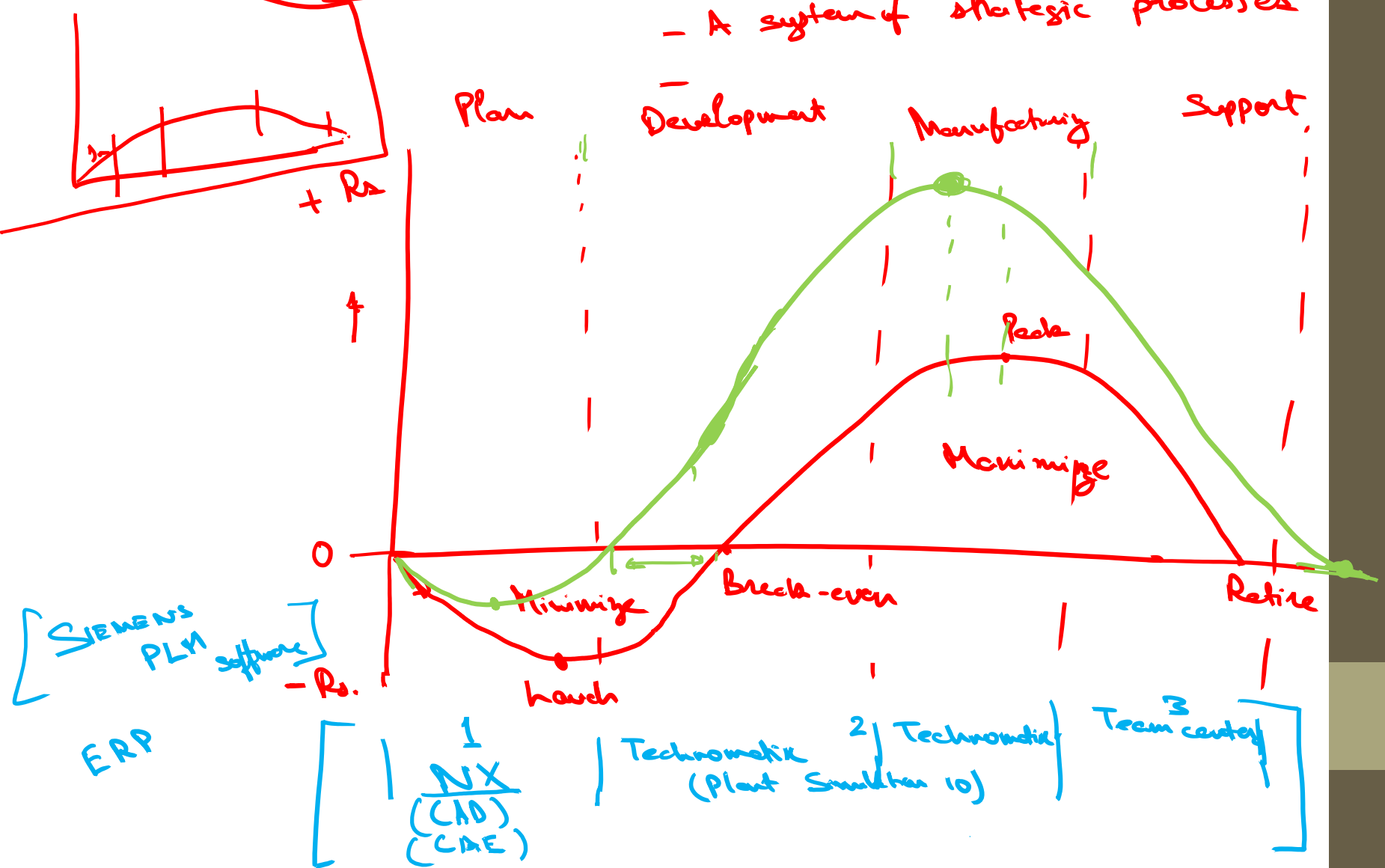
Indian Institute of Technology Kanpur

Contents

- ✓ PLM (Product Lifecycle Management)
- ✓ Plant Simulation 10 software
(Technomatix)

Product Lifecycle Management

- A system of strategic processes



Plant Layout

Most appropriate physical arrangement in a factory/plant/facility.

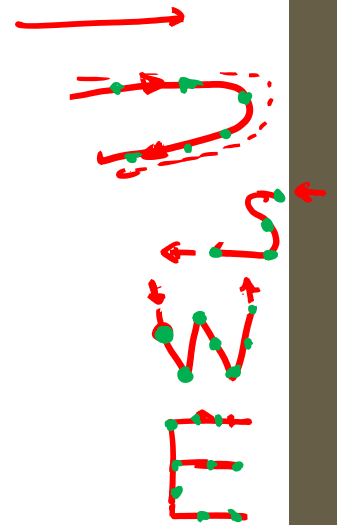
Factors influencing plant layout:

1. Processing time

- Design changes
- Expansion of enterprise
- Size of departments varies (change)
- New plant/department

Plant Layout

- 1) ✓ Process layout (Functional layout)
- 2) ✓ Product layout (Flow line)
- 3) ✓ Fixed position layout
- 4) ✓ Combination layout
- 5) ✓ Cellular layout



- Processing Units (Single Process)

Thanks