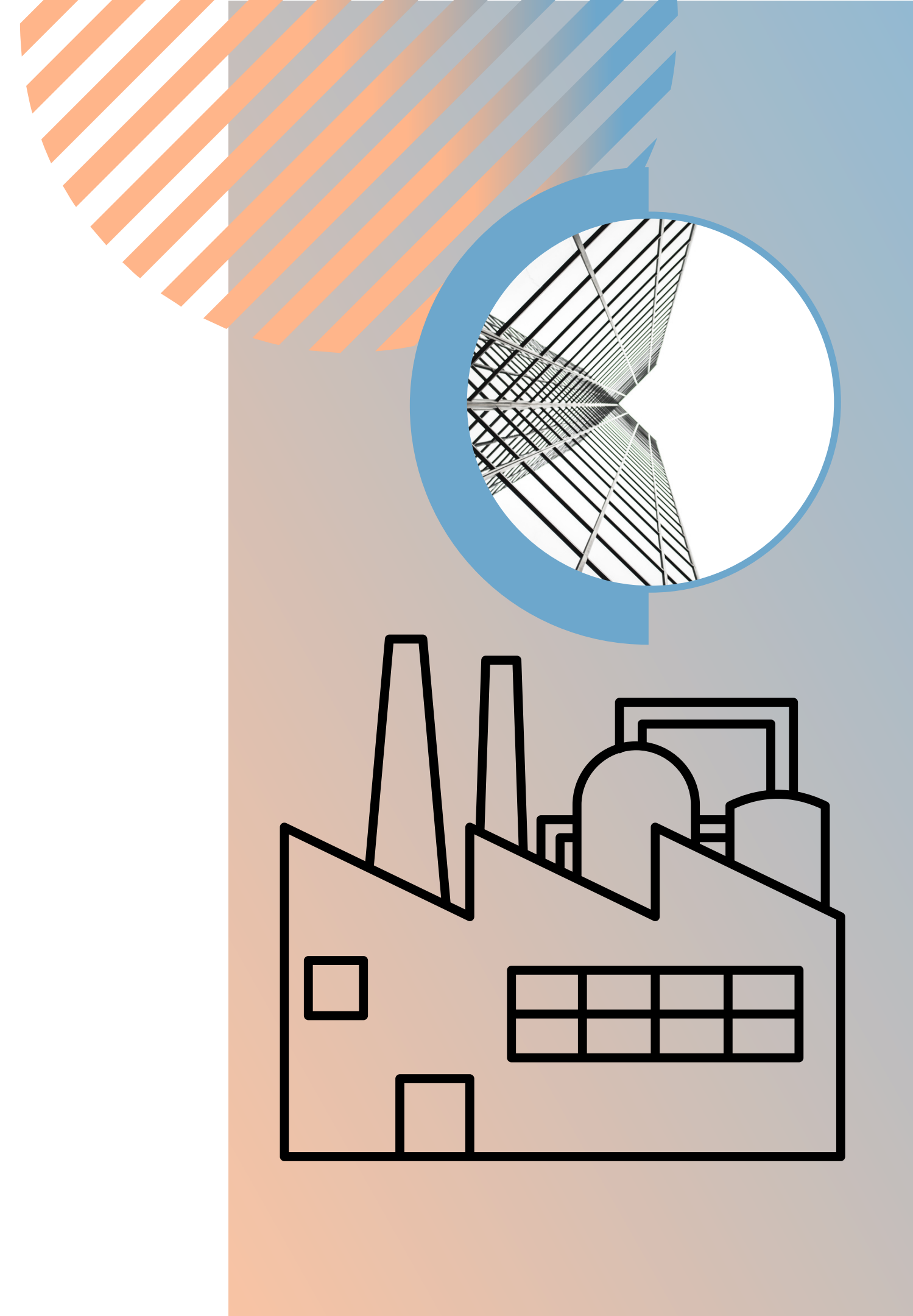# Pitch Deck
by
Hackermen
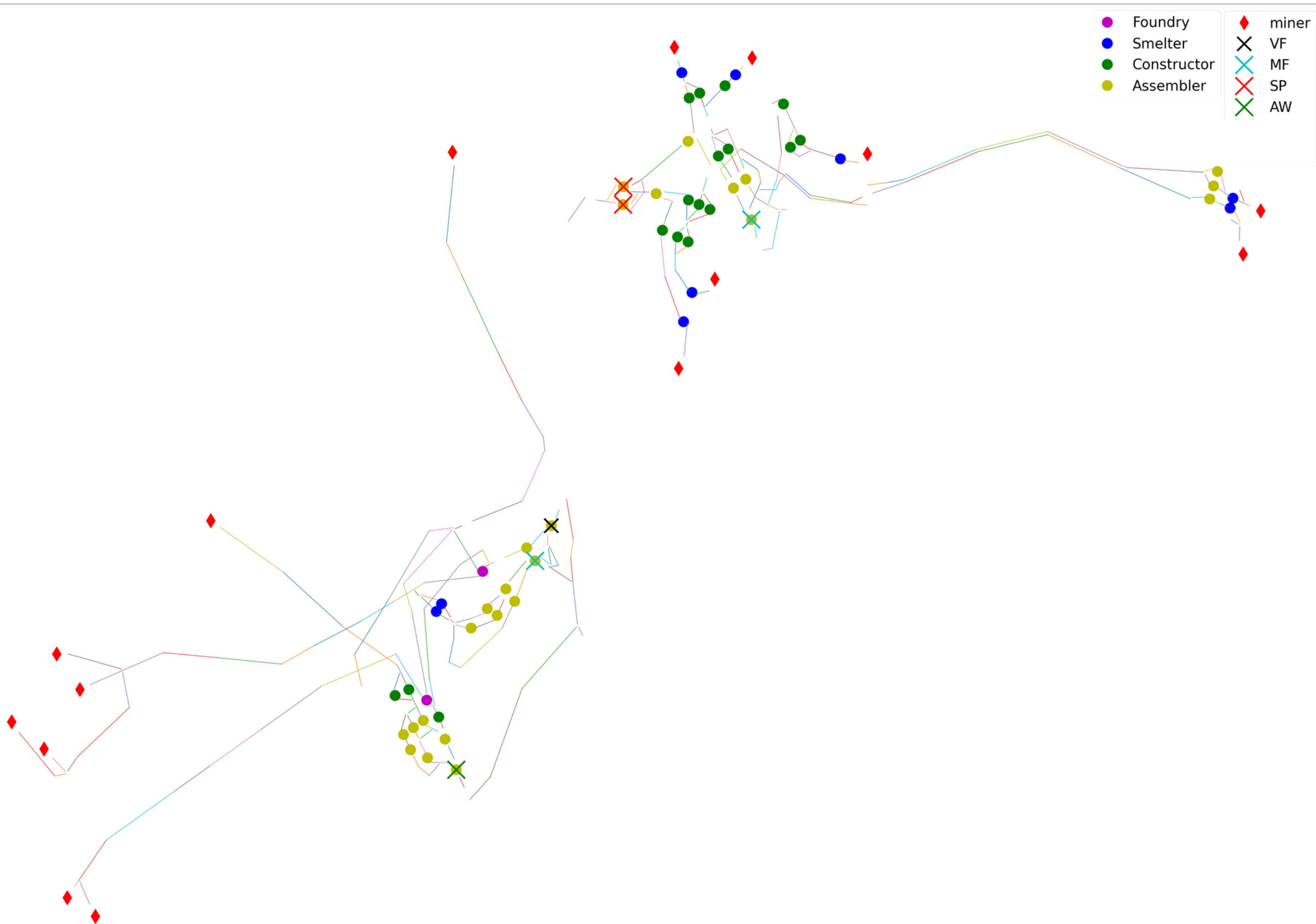
Raoul, Rajiv, Yasharth, Yash

Improve KPI of Virtual Factory

- Factory Layout
- Production Flow
- KPI
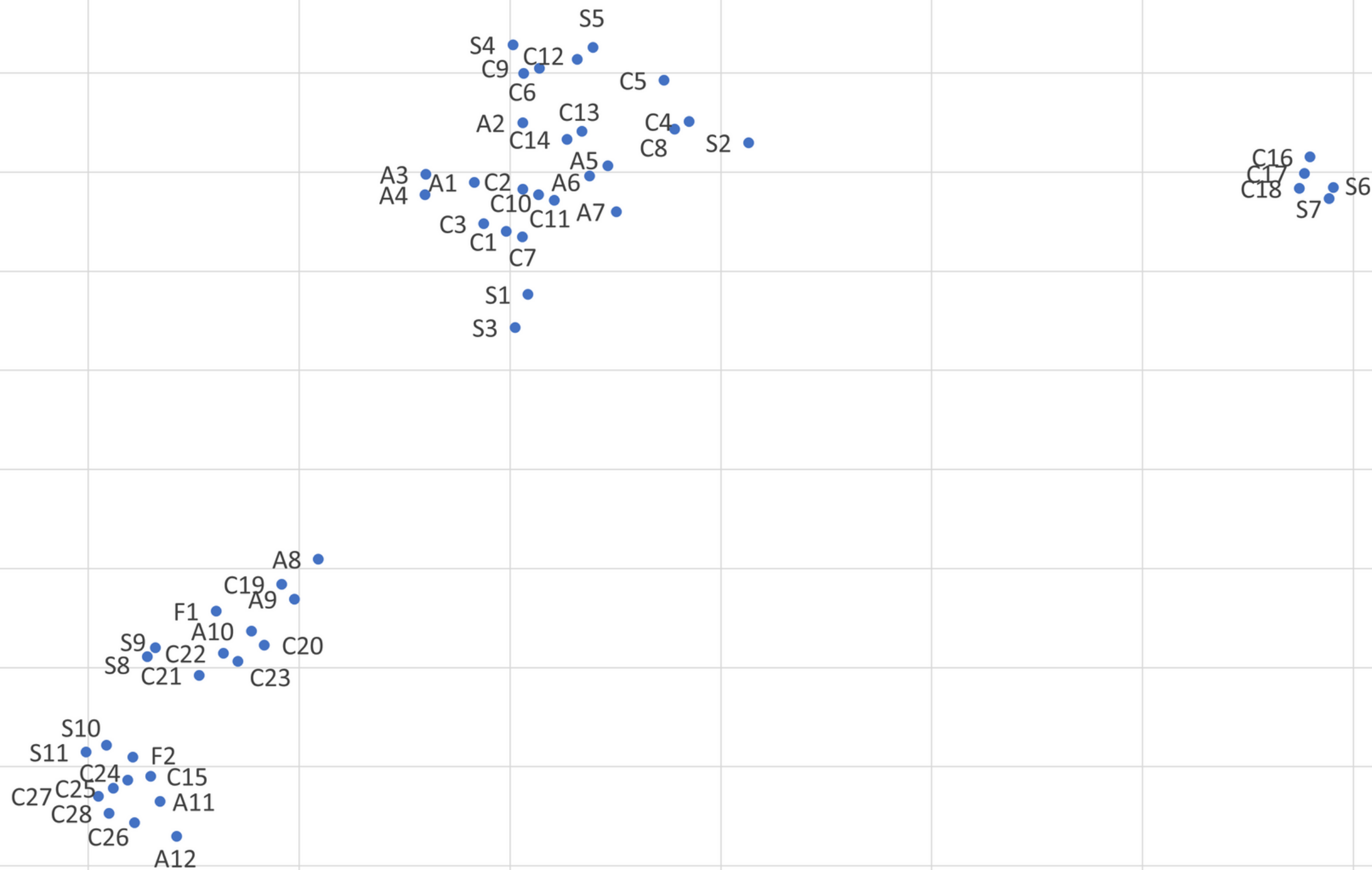- Improvements and Suggestions

Factory Layout

Arrangement of machines and equipment within a factory

Legend:
- Foundry
- Smelter
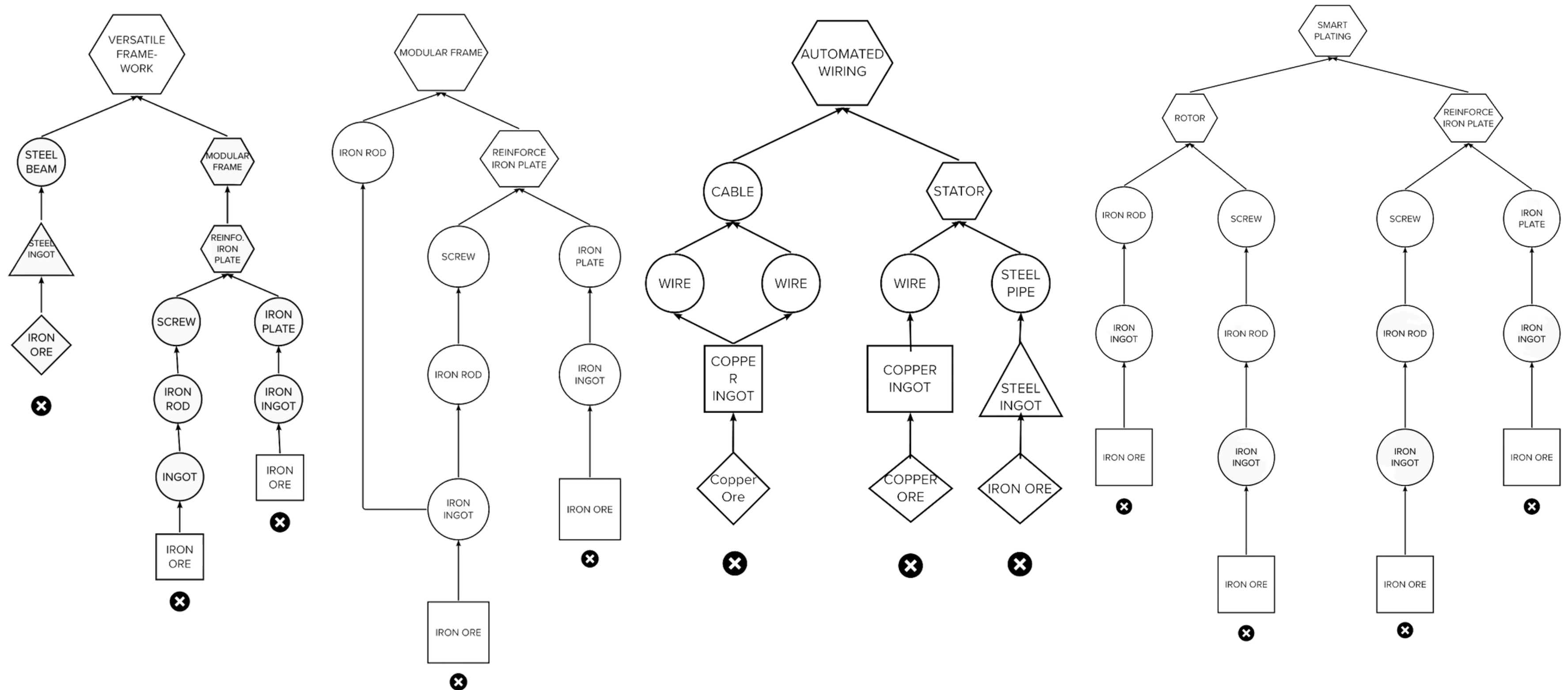- Constructor
- Assembler
- miner
- VF
- MF
- SP
- AW

Factory Layout
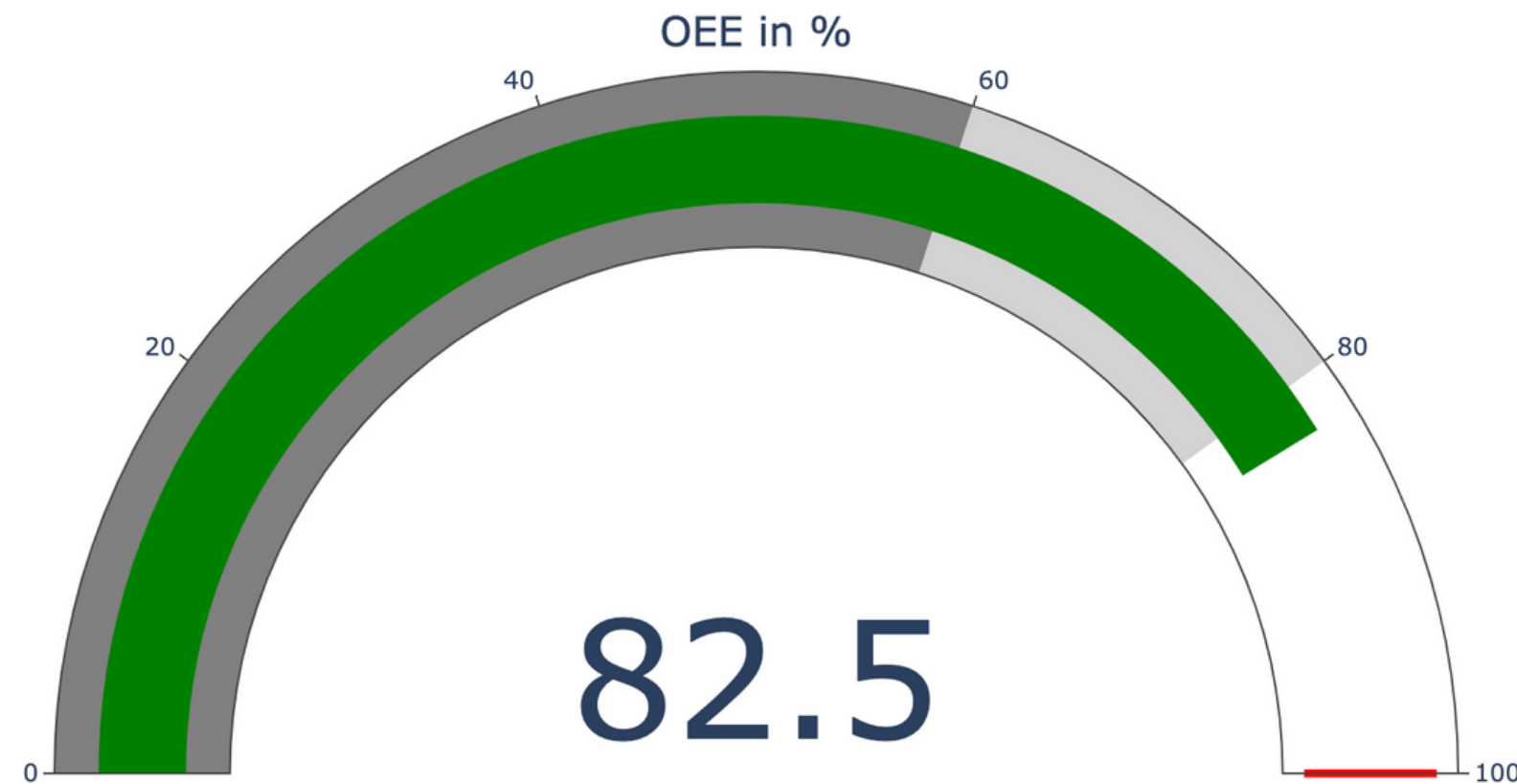
Arrangement of machines and equipment within a factory

Production Flow

Enables a product to be created in a series of stages on an assembly line

KPIs

Key performance indicator is a type of performance measurement. KPIs evaluate success at reaching target. It focuses on plant process

Over here we're using production percentage as the KPI indicator

OEE in %

82.5

Machines : least production efficiency

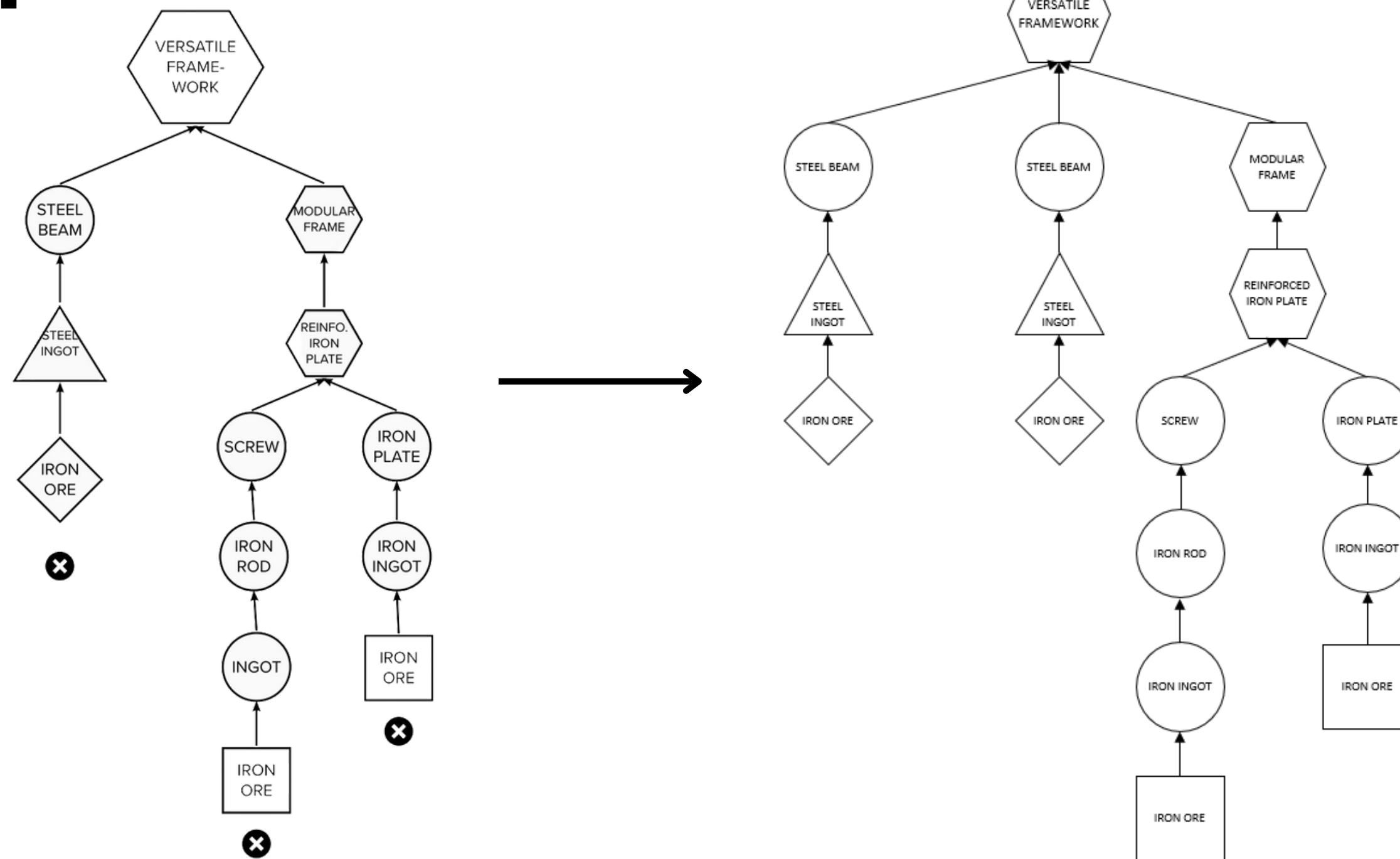| BUILDING	PROD_PRECENT
Constructor	31.00
Assembler	34.50
Assembler	37.30
Constructor	49.40
Assembler	49.78
Smelter	50.60
Constructor	56.10
Assembler	59.60
Assembler	62.70
Assembler	63.10

Material : least production efficiency

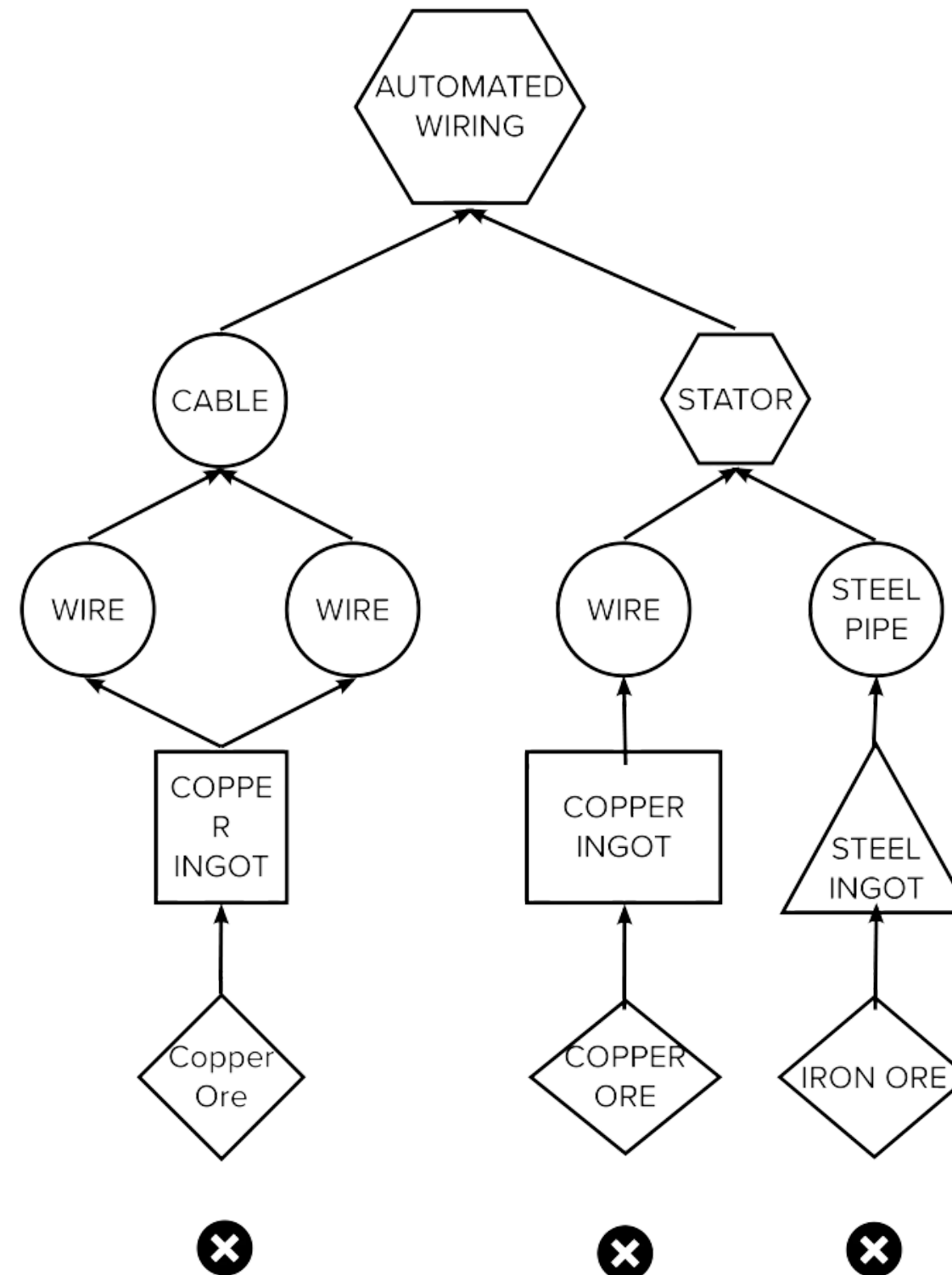| ITEMNAME	PROD_PERCENT
Steel Pipe	24.31
Stattor	40.00
Versatile Framework	50.98
Rotor	55.49
Iron Ore	57.77
Reinforce Iron Plate	59.61
Copper Plate	65.40
Smart Plating	75.49
Automated Wiring	75.69
Cable	75.69

Optimization

Versatile Framework

Optimization

Automated Wiring

Thank You!