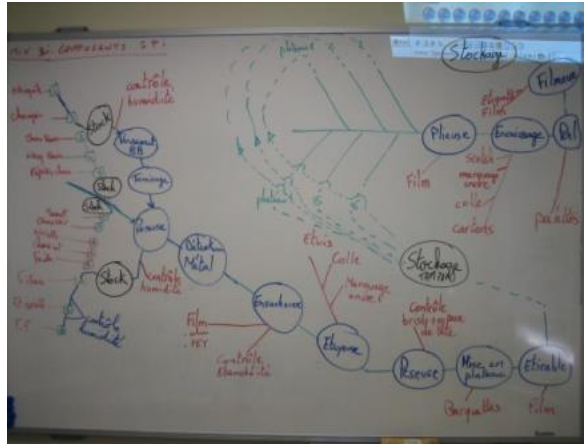


New Plant Design

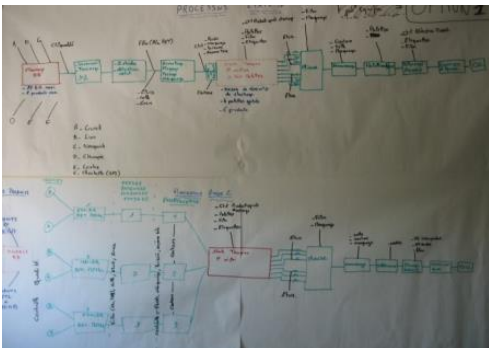
PICTURES BEFORE

9M€ Capex - 7 Years Payback



"... good project, but too much competition for approval"

PICTURES AFTER



Problem

- Very large Investment in a New Plant (9M€ Capex)
- Very long Payback time (7 years)
- Investment on Hold

Root causes

- New Plant Design was very expensive
- Traditional Supply Chain Design principles
- Too much waste designed in

Solution Approach

- **Value Stream Design** : Develop the entire value chain, aligned with the plant's vision and Lean Principles
- **Plant Layout Design**: Reduction of waste in logistics, processes and communication circuit
 - 8 layouts developed and evaluated against previously identified Muda
 - Direct link between process and packaging

Benefits

