

PILOT PHASE TO UPSCALED PHASE

The pilot phase of Lean Manufacturing Competitiveness Scheme (LMCS) was launched in July 2009 in 11th FYP for implementation of Lean Manufacturing Techniques in 100 Mini Clusters (each cluster consisting of 10 +/- 2 units) across the country.

The scheme was launched as the ever changing globalized environment has been posing challenges of competitiveness and survival to all the constituents of the economy. It has been more so for MSMEs in the manufacturing sector. Lean Manufacturing is a set of techniques, which have evolved over a long period and are based on various minor to major breakthroughs that help in reducing cost and hence increase productivity and competitiveness.

The snap shot of achievements and benefits accrued to participating units of pilot phase is as shown in the table below:

No. of SMEs participating in LMCS	900
Annual Savings from LM	₹ 60 Cr
Salvage Value of Scrap from 5S implementation	₹ 3 Cr
Increase in Production capacity without CAPEX	10 %
Space reclaimed for productive work	10%
Increase in Inventory turnover	25 %
Reduction in Manufacturing Lead Time	5-30 %
Improvement in OEE (Model Machines)	15%
No. of Kaizens generated	>7500

Owing to the success of pilot phase, the scheme has been upscaled to 500 more clusters spread across the country and NPC has been assigned the role of NMIU for 350 clusters in the upscaled phase.