

# 19<sup>th</sup> International Technical Footwear Congress

February 03-05, 2016, Chennai, INDIA

[www.uitic-congress.cleindia.org/](http://www.uitic-congress.cleindia.org/)

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## Future Footwear Manufacturing

“Complexity and Opportunities”

An “**outside in view**”



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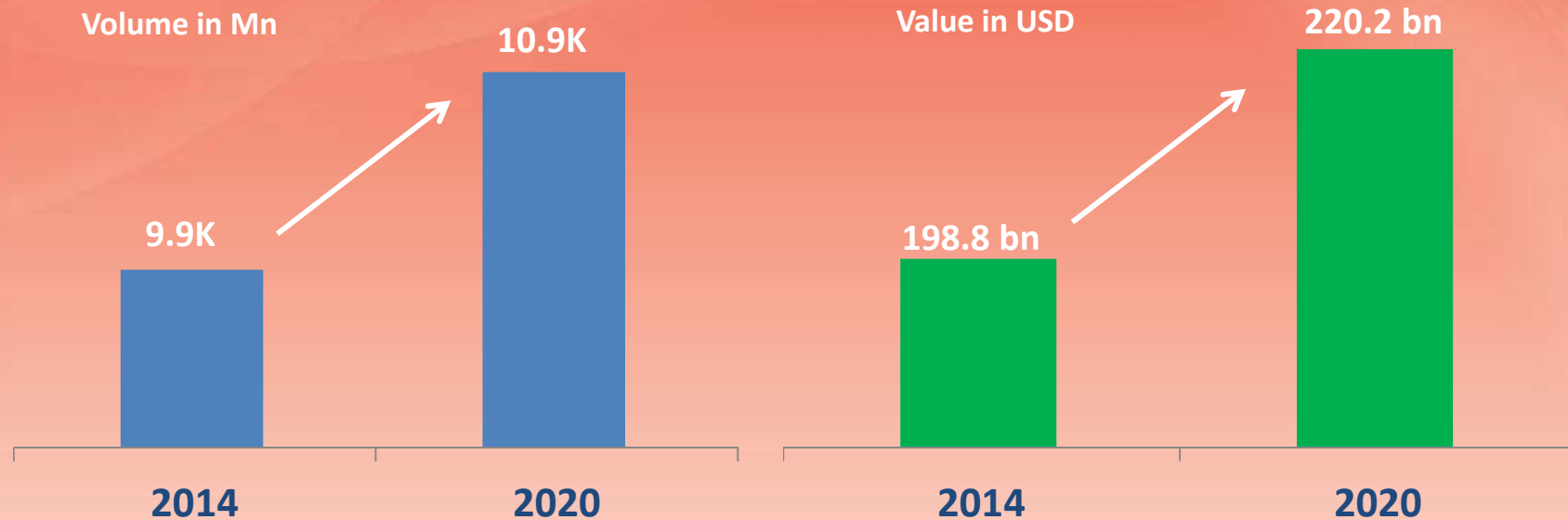
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## Footwear Market : In growth trajectory



### What does this mean to Manufacturing?



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What does this mean to Manufacturing ?

More New Products

More FACTORIES

More PEOPLE

And

Complex become **MORE** complex



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## Challenges in “Manufacturing”

### Increase in Changeovers

### Productivity Challenges

### Consistent Quality

### Slow response

### Sustainability challenges

### And

## Complex become **MORE** complex



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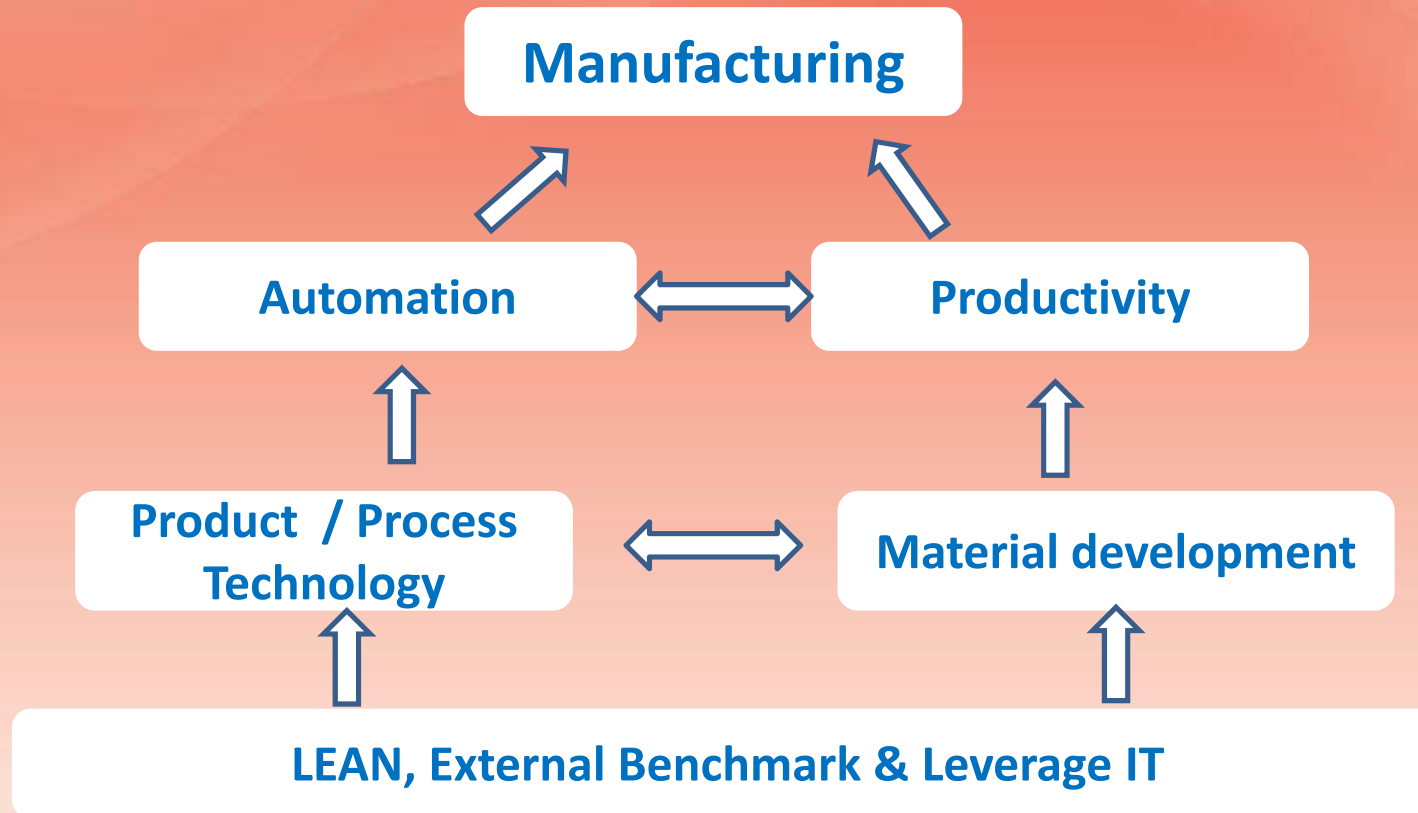
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## How to Manage?



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## Product Technology / New Material development



# FLYKNIT

## Relatively Simpler to Manufacture



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## Leverage Information Technology

If you want to make Improvement  
You should know where you are NOW!

**DATA is VITAL**

**Flow of DATA is critical**

ERP will play a strong role in transforming factory operations



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LEAN is the way : “TIMWOODS”

**T**ransportation  
**I**nventory  
**M**otion  
**W**aiting  
**O**ver production  
**O**ver processing  
**D**efects  
**S**kills

“Banishing Waste”  
with empowered  
workforce is much  
needed one





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# Thank you

