

# World Investment Casting Markets Review

## India

Acknowledgements :

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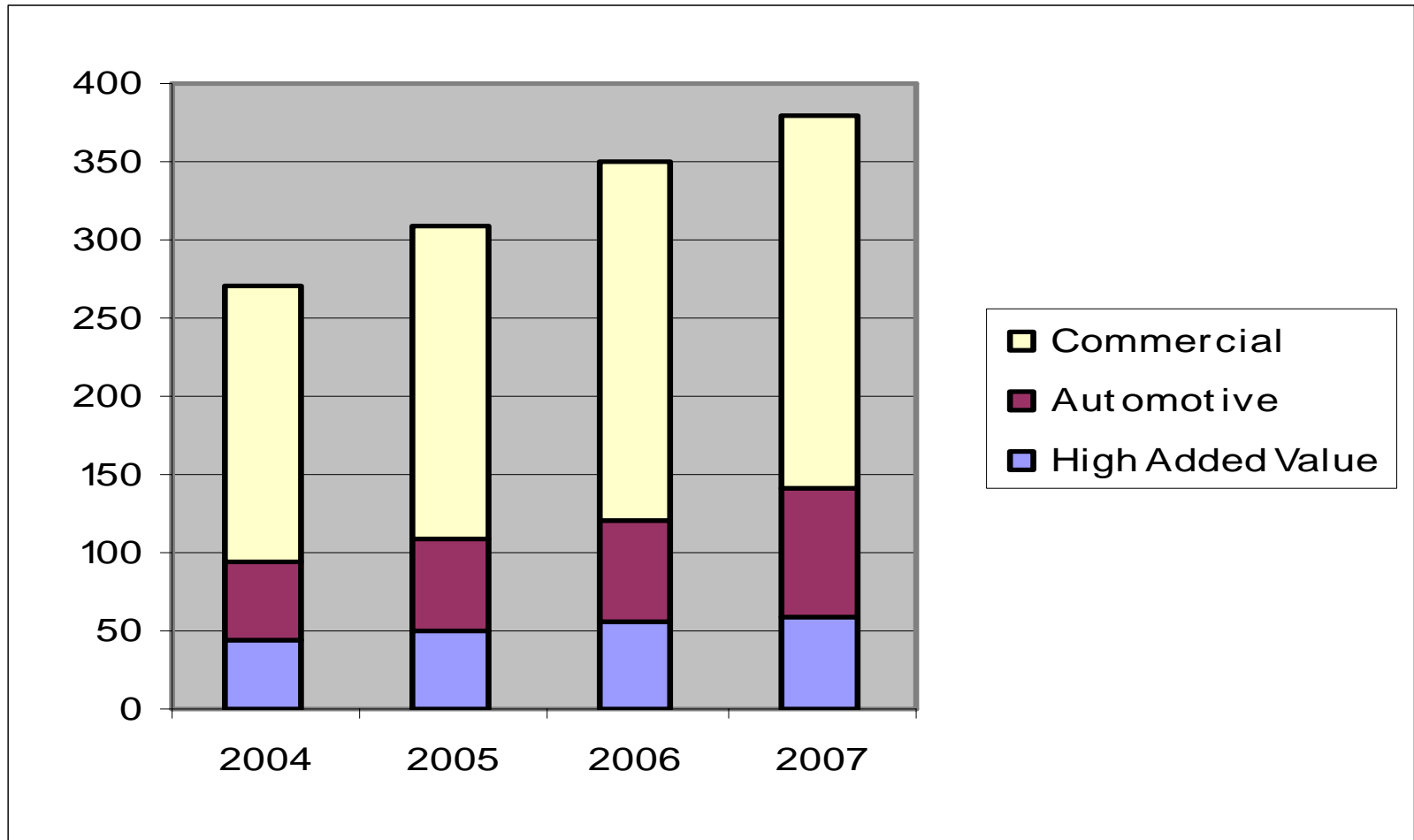
# Indian Economy

- Very strong growth
  - likely to be less affected by economic ills
  - foreign exchange reserves US\$180 Billion
  - World's 3<sup>rd</sup> largest economy by 2012 ?
- GDP growth 2006/7 9.4%
  - US\$1.0 Trillion in 2007
- Industrial production up by 8.4%

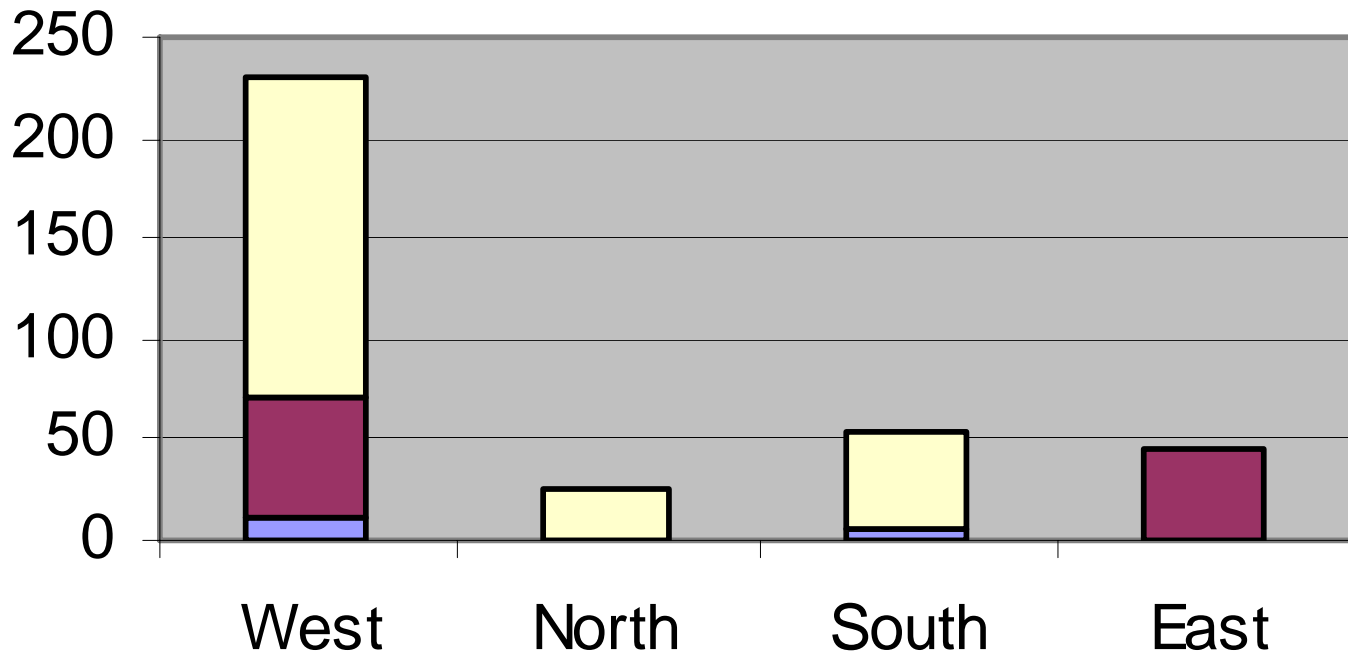
# India - Investment Casting

- 2007 sales US\$380M
  - + 10% v 2006
  - exports now 45% of production and growing
- 215 investment casting foundries
  - 5<6 aerospace/igt
  - 12<18 high quality automotive/commercial
  - 190 commercial (predominately Gujarat)
  - New enterprises starting up

# India Sales by Sector, US\$M



# India - Investment Casting Sales by Region



■ High Added Value ■ Automotive ■ Other markets

# India – 2008 Onwards

- Minimal effect of economic downturn on car sales
- Large and growing domestic market  
15%pa
- Low labour costs
- Special export zones created
- Investment casting companies continuing to invest and grow
  - improving efficiency

# India – Concerns

- Increasing value of Indian currency
- High metal prices
- Raw material supplies
- Infrastructure problems
- High energy costs compared to China

# Summary

- Strong growth trend predicted to continue through 2008
  - despite economic difficulties
- All market sectors will benefit
- Identifying new applications for investment castings