

# European Investment Casting Market Review

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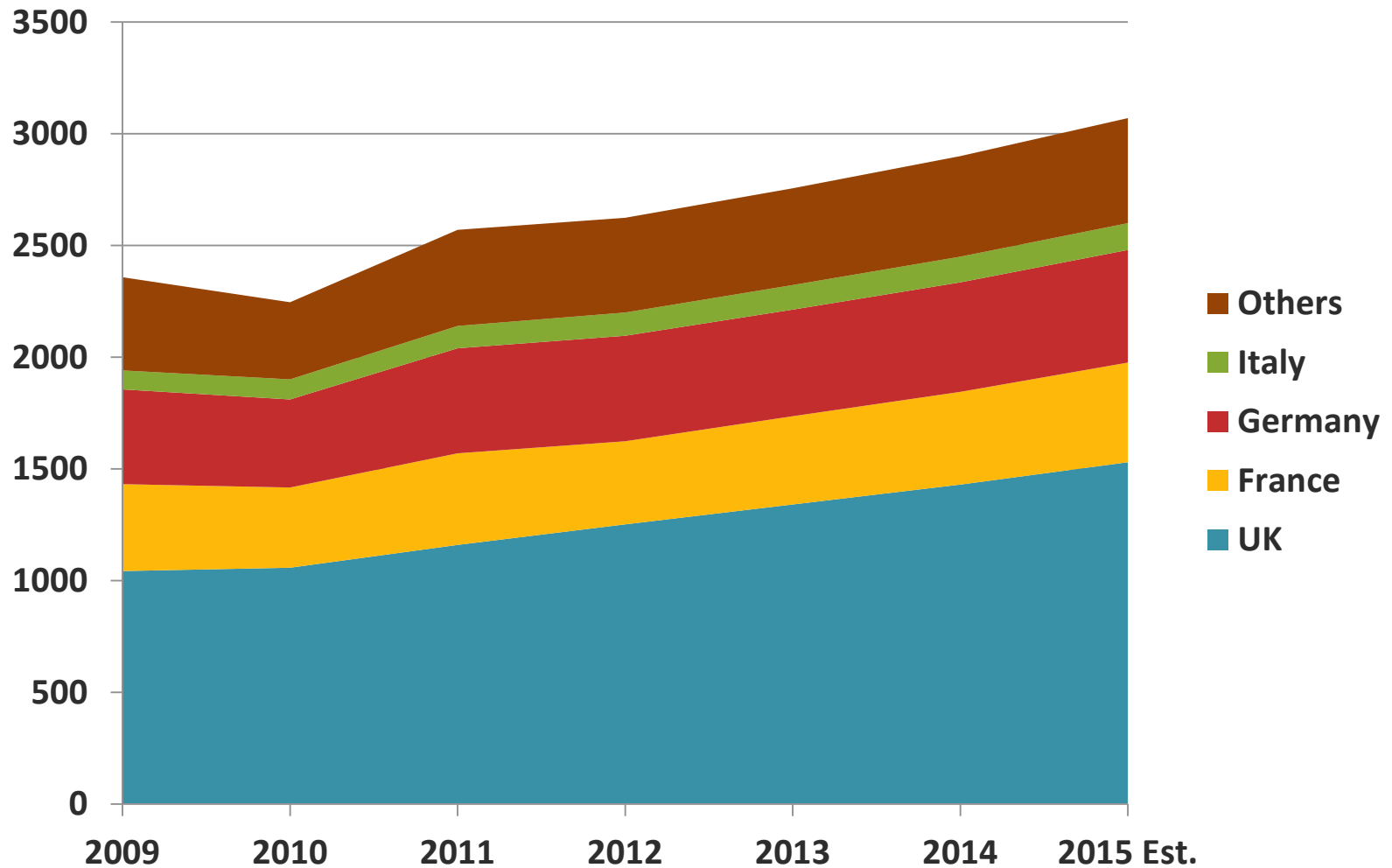
17-20 April 2016

# European Investment Casting Market

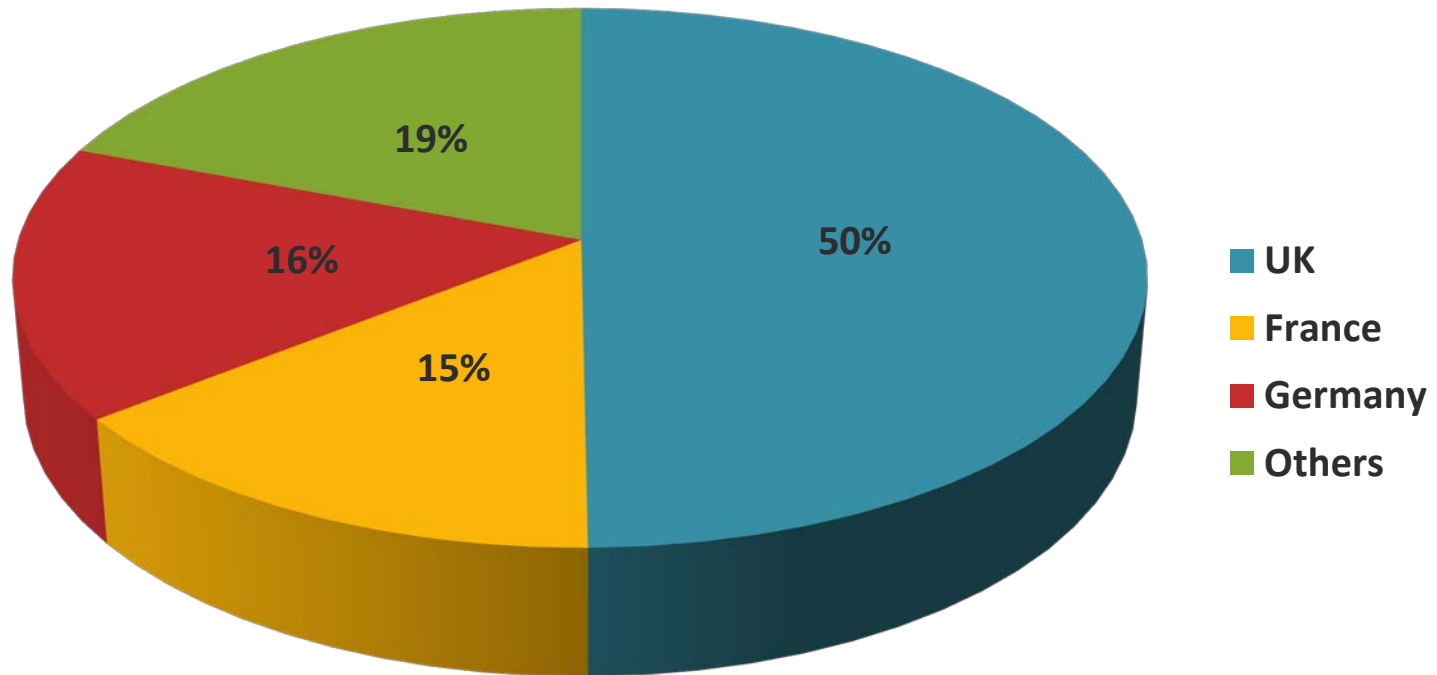
- European investment casting sales increased to US\$3.1 Billion in 2015
- An increase of 6% compared to 2014
- Continued high demand for castings for commercial aircraft greatly contributed to overall sales
- Improved results across regions but sector performance remains mixed



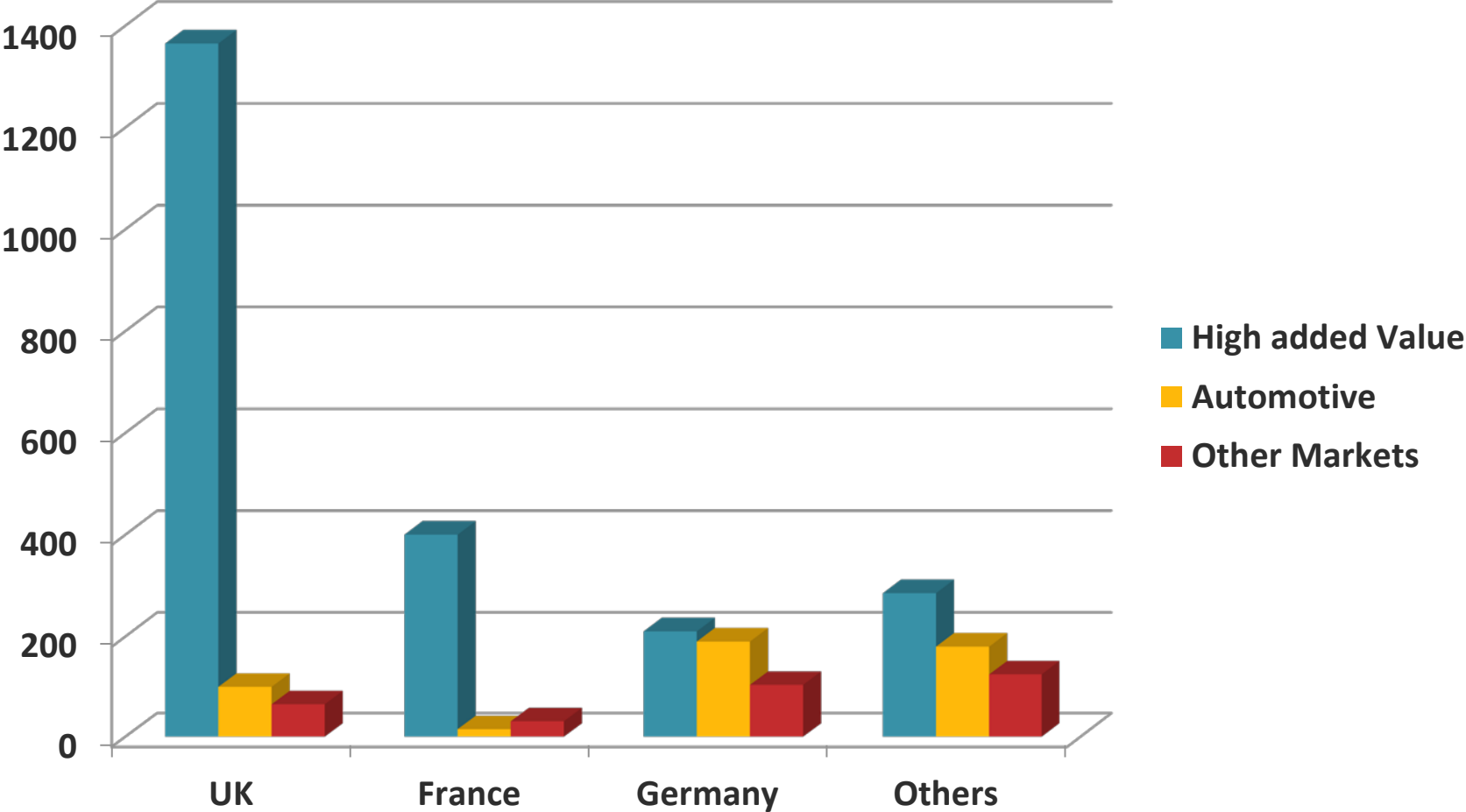
# European Investment Casting Sales (US\$M)



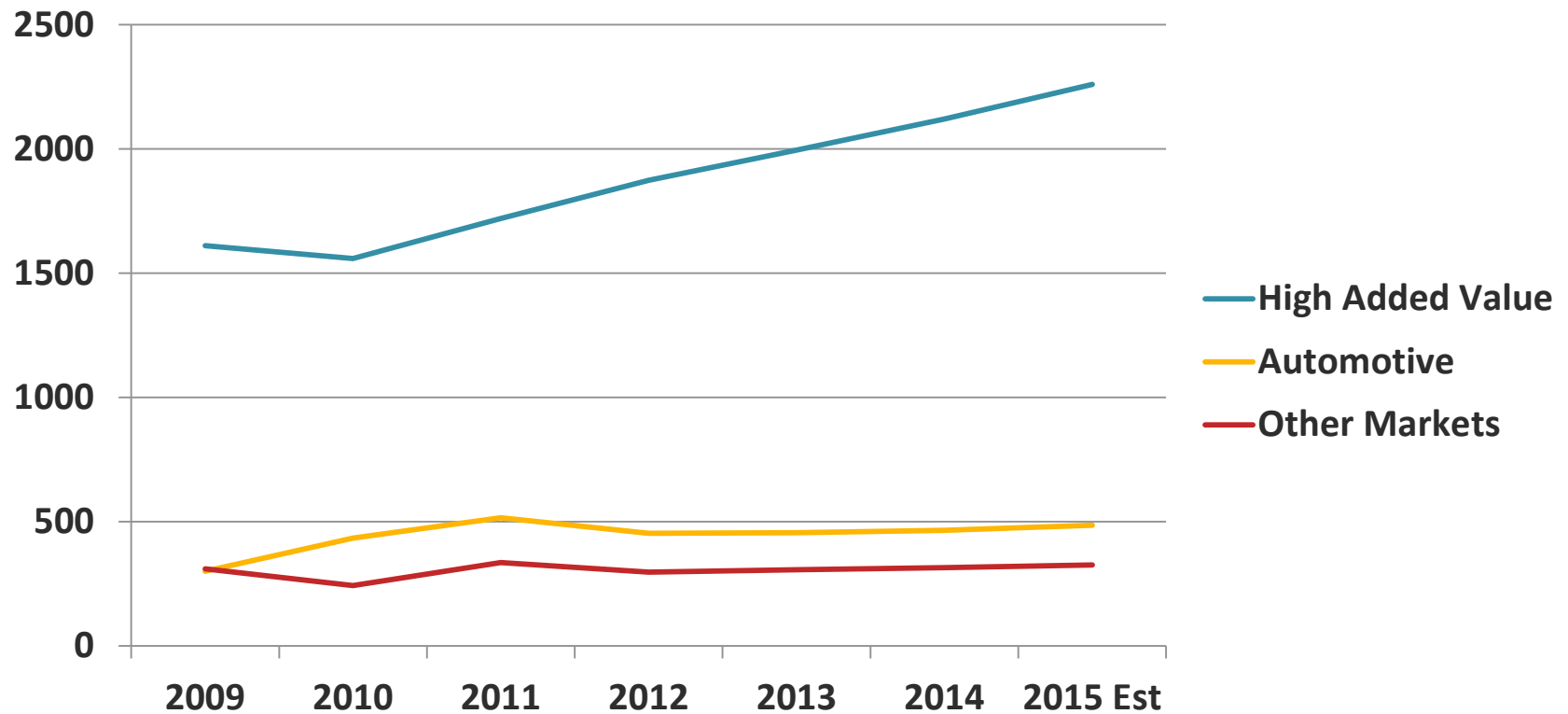
# European Investment Casting Sales by Country 2015



# European Investment Casting Sectors (US\$M)



# European Investment Casting Sectors Trends (US\$M)



- High Added Value strong growth trend continues
- Automotive sector is showing a recovery to previous levels
- Commercial casting sales are steady



## **Aerospace**

- Sales increased by 6.6%
- Airbus delivered a record number of aircraft
- Order book remains high
- Rolls Royce order book remains strong
- Order received for 200 Trent 900 engines for Airbus A380

## **Industrial Gas Turbines**

- Consolidation of turbine manufacturing has taken place
- IGT continues to show a mixed picture with variation between companies



## **Automotive**

- Sales increased by 4% in 2015
- VW remains number one European manufacturer
- UK exporting 80% of cars manufactured to world markets

## **Medical**

- Becoming more competitive

## **Commercial**

- Sales improved by 3%
- Considerable variation between individual foundries
- The fall in oil price has adversely affected casting sales to the oil industry





## **Aerospace**

- Commercial aircraft orders at high levels
- Airbus and Boeing high production levels should be maintained
- Rolls Royce basing Trent engine production in the UK
- Iran planning to order 114 planes from Airbus

## **Industrial Gas Turbines**

- Mixed picture
- Growth likely to remain at a low level



# European Investment Casting Prospects

## **Automotive**

- Sales tending to revolve around quality, value for money and safety
- Trend of low growth expected to continue

## **Medical**

- The sector is expected to maintain low growth

## **Commercial**

- Casting sales remain very competitive
- Current growth levels are likely to be maintained



# Summary

- The European investment casting industry delivered a strong performance in 2015
- High Added Value achieved 7% growth
- Automotive achieved 4% growth
- Other Markets achieved 3% growth
- Global economic uncertainties make predictions for 2016 difficult to forecast this early into the year



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# Thank You

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