

## An industry perspective on best practice: BlueScope

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# BlueScope today....a global business

- Steel producer for the domestic Australian, New Zealand and US markets, and leading global building & construction supplier internationally
- 15,000 employees across 17 countries. Top 100 ASX Listed Company
- Key brands include COLORBOND®, ZINCALUME®, LYSAGHT®, BUTLER® and VARCO PRUDEN®
- BlueScope 3<sup>rd</sup> largest worldwide in coated and painted steel products
- No 1 in custom engineered building solutions



# BlueScope in the Illawarra

- The Port Kembla Steelworks (PKSW) is one of Australia's largest manufacturing facilities:
  - **2.9 million tonnes (mt)** of steel production
  - **760 hectare** site
  - **3,000** direct employees
  - Indirectly supporting **19,200\*** jobs in NSW (**8900\*** jobs in the Illawarra)
  - **\$4.0B\*** in Gross State Product (GSP). **\$1.6B\*** in Gross Regional Product (GRP).

*\*Source: IRIS Economic Impact Study 2017*



## Driving best practice

- BlueScope's NSW Manufacturing operations go beyond mandatory requirements.
  - We aspire to zero harm to our people
  - We are committed to the efficient use of resources, reducing and preventing pollution
  - We strive to be valued corporate citizens in our communities and respect the values and cultural heritage of local people; engaging proactively with our community stakeholders and ensuring any concerns are recorded and investigated



# Environmental management

- Our environmental management systems and operational practices provide a framework to:
  - identify, assess and manage environmental risks
  - set performance targets, regularly monitor and publicly report on our progress
  - drive compliance with relevant industry standards and legal requirements
  - engage with all stakeholders to drive continuous improvement and build relationships based on honesty, openness and mutual trust

## Working constructively with the EPA

- BlueScope has successfully completed 50 Pollution Reduction Projects (PRPs) since 2006
- Completing more than 180 PRPs since our initial engagement with the EPA in 1976
- Many of these historical PRPs have specifically targeted the reduction of air emissions
- BlueScope currently has 4 active PRPs relating directly to future air emissions improvements
- BlueScope's compliance performance has improved dramatically and complaints have reduced markedly over the last decade or so

# Reducing air emissions

- BlueScope has invested over \$600M in environment improvement projects over past 20 years
- Each year approx. \$50 million is spent to monitor, maintain and operate pollution control equipment



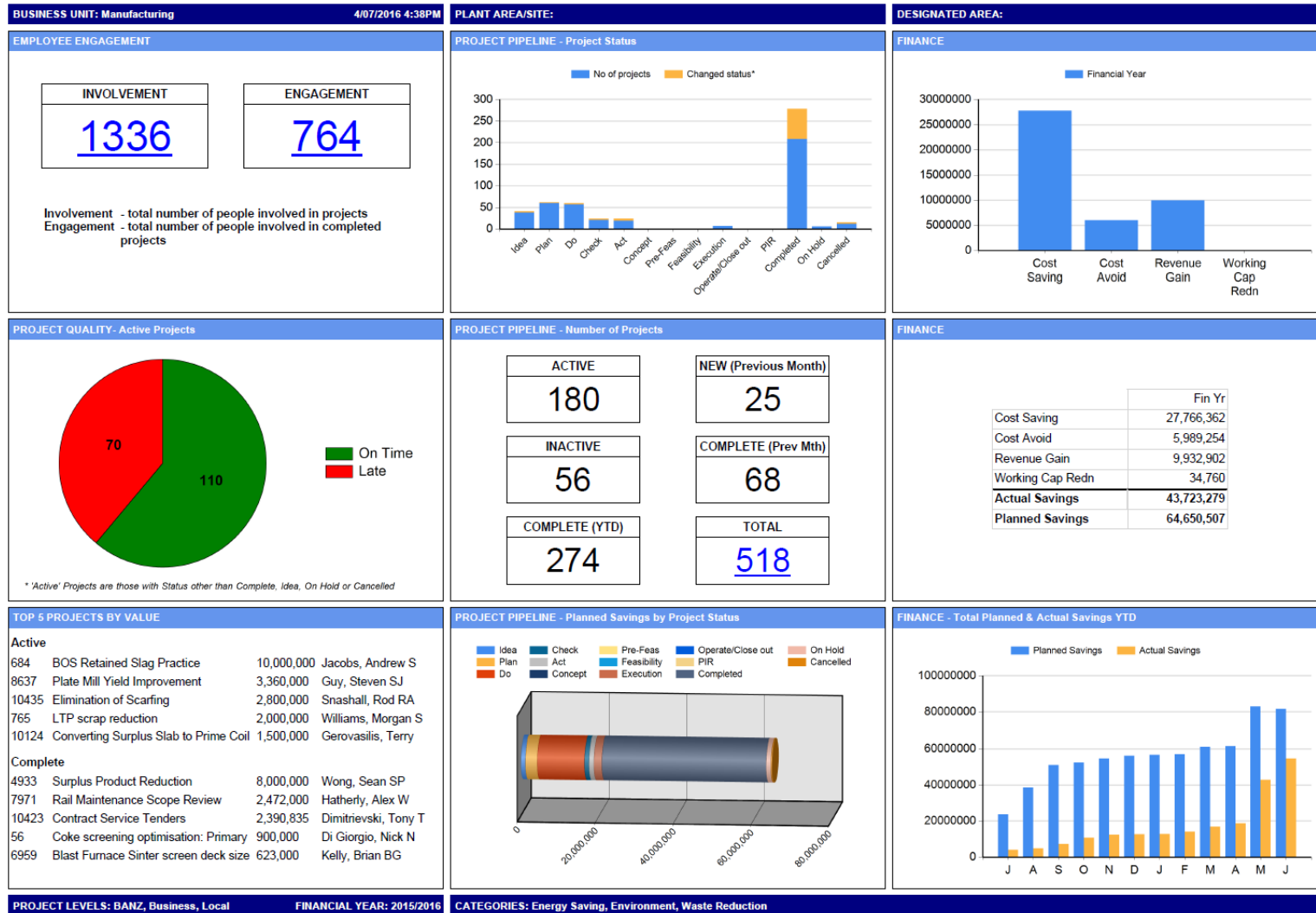
Sinter Plant Waste Gas Cleaning (\$94 million)



Coke side emission control project (\$93 million)



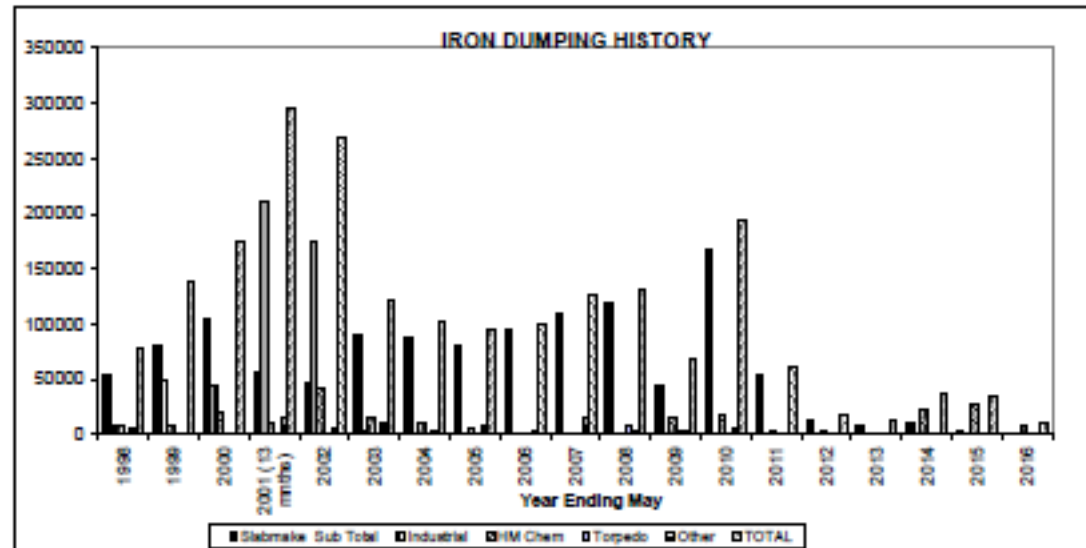
# Continuous improvement - AAA





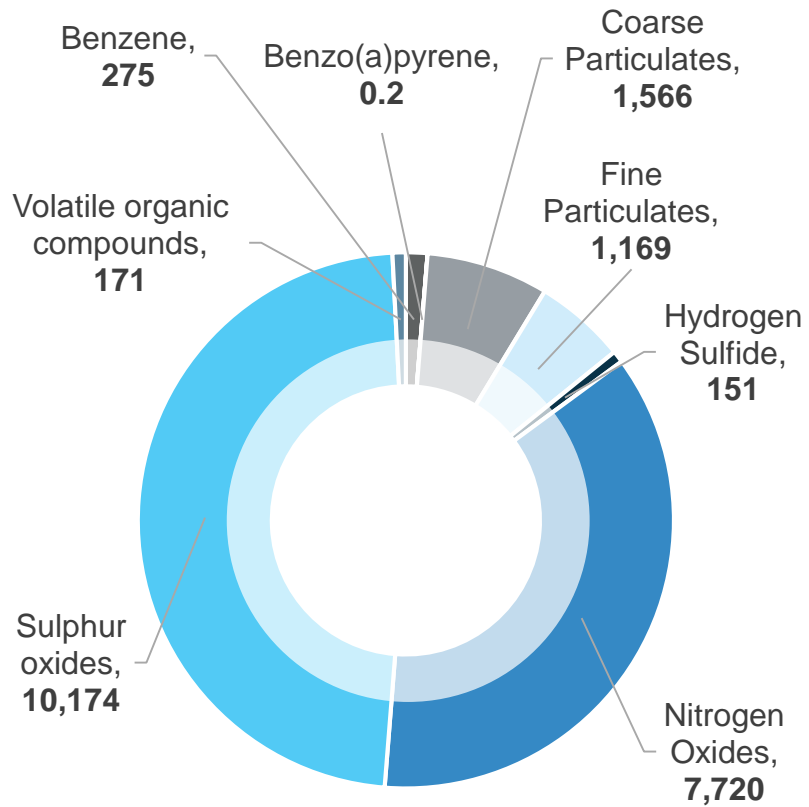
# AAA improvement projects - AIR

- Reducing material handling and trucking movements
- Optimising road sweeping and water cart operations
- Installation of covered conveyor systems
- Installation of new stockpile sprays
- Significant reductions in iron dumping
- Revegetation
- Improved Monitoring
- Yield improvements
- Etc.

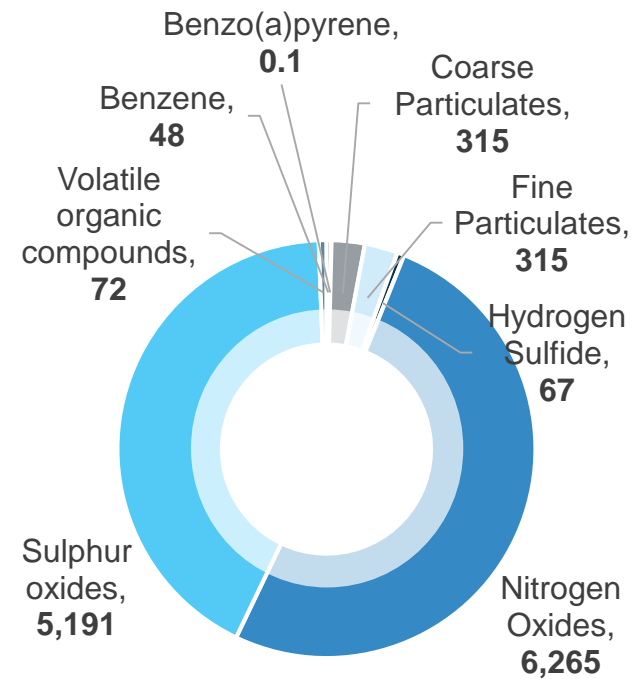


# Reductions in air emissions (PKSW)

Assessable load (t)  
2006/2007



Assessable load (t)  
2014/2015



## ‘10 Year Sustainability Achievement Award’ winner



*'Good environmental  
practice is good business'*





# Clean Air Summit

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