Transform the coke from industrial steam crackers into raw materials for steel and cement industries.

Reduce the use of primary resources by valorising secondary materials in another sector.

**VALORISING COKE**

**KEY INSIGHTS**
- value waste streams
- reduce primary resources
- reduce CO₂ emissions
- create new markets

**CROSS-SECTOR COLLABORATION**

Refineries have a high potential to better valorise coke co-products.

Steel and cement industries have a growing demand for innovative (secondary) materials.

**SUSTAINABILITY IMPACT**

**Wins for industry**
- for suppliers: reduction in waste
- for industry: 10-30% energy gains/ton coke (vs coal)

**Environmental gains**
- virgin resource savings:
  - % carbon in coke defines coal substitution rate

**Wins for society**
- public health benefits due to emissions reduction
- improved business relations in regional clusters
- job creation and new skills development

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