



Research Fund for Coal and Steel

Priorities of the RFCS Programme for 2017

STEEL

Draft Version

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2.1 Online analytics of large data streams coming from various sources (using Big Data technologies) to improve plant/process reliability OR to realise machine supported decisions on product quality OR to improve the flexibility of production scheduling;

2.2 Improvement of workers` potential by use of advanced tools (including management of knowledge) to improve working conditions, safety, training, knowledge preservation;

2.3 Improvement in resource OR energy efficiency in iron OR steelmaking processes, by use of by-products/residuals or waste heat;

2.4 Pilot projects validation of emerging AND innovating technologies leading to efficiency improvements AND CO2 emission reduction;

2.5 Cost effective lightweight steel solutions for new vehicle concepts or components with improved LCA or safety performance;

2.6 Adapting processing from upstream to downstream steps to overcome the challenges raised by innovative steel grades (enhanced functional or smart properties) by novel OR improved process OR control techniques.