

The Business-Climate Emergency Kit for the Aluminium Industry

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Abstract

Climate change is the biggest 21st century's bomb

How aluminium companies need to rethink and transform their models, brands and services to adapt, survive and become future proof, with a particular focus on:

- The urgency to act, the business cases for a net zero carbon strategy
- What are the essentials ingredients to win
- The solutions applicable to the aluminium industry with concrete cases of implementation
- How the net zero transformation is reshaping the aluminium supply chains with winners and losers

The presentation will provide participants with essential facts and tools to develop a roadmap and accelerate their transformation to net zero carbon, circular business models.

We will try to answer the fundamental questions that many business leaders ask when it comes to change and invest: what are the options, what are the business cases, costs and returns, why now, how we do it, what are the essential partnerships to build, who are the benchmarks ?

Key topics covered

- Why change is required now – what can be the consequences of no action ?
- What are the key risks to manage (physical and transition risks: access to market, market share, cost to market, regulations, supply-chains availability and disruptions risks, workforce adaptation, technological challenges) and what are the financial implications in terms of revenues, cost, balance sheet, access to capital) ?
- How the customers of the aluminium industry are moving forward and what are their expectations from the aluminium sector ?
- What are the keys and best practices for a successful net zero carbon transformation ?
 - The measurement systems
 - Setting targets and developing the roadmap
 - Implement actions and projects and make tangible progress
 - Quick wins and longer term projects
 - Managing both short term and long term
 - Managing and influencing external factors
 - How to engage supplier and reduce scope 3 emissions
 - Creating a story for customers and investors and leverage the actions to gain market advantage
 - Mobilizing stakeholders: investors, suppliers, customers, employees, governments and local authorities
 - How the roles of governments and local authorities are essential
- Overview of the key technological emerging solutions and pilots available in the markets
- Benchmark examples in the aluminium industry
- Benchmark examples in other sectors

Keywords: Climate change, Net zero carbon transformation, Aluminium industry, Sustainability, Circularity.