

UC RUSAL Technology and Product Development

Viktor Mann

Technical Director, Russian Aluminium Management, Moscow, Russia

Corresponding author: Viktor.Mann@rusal.com

Abstract

UC RUSAL Strategic directions of the development are tightly connected with the current development of aluminium industry, including fields of production and application. Established long-term trend of continuous growth of aluminium consumption is the result of displacement of different materials with aluminium in various spheres including automotive, energy and building. R&D centers of RUSAL are continuously developing new materials based on aluminium as well as improving current production technologies. The company is implementing a number of local modernisation projects to increase the efficiency of existing alumina refineries and smelters to make them more efficient and sustainable.

Keywords: Green aluminium, new alloys, additive technology, effective production technologies.