

## **The Industrial Society as a Skyscraper**

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### **Abstract**

Countries with a high industry quota have survived the financial market crisis in 2008 relatively easily. In the industrial value chains, the links are interlinked from the production of the materials to the final assembly of the finished products. Industrial workplaces ensure the general level of prosperity, enable opportunities for advancement and social participation, and protect against social distortions. Industrialization resembles a skyscraper. Energy generation is the foundation, and in the basement the basic materials industry has its place. It allows access to the many value creation levels in the skyscraper. At the top, you find the dot.com industry which equips and transforms the skyscraper to a "smart home". Digitalization also needs industrial workplaces. The qualification, the commitment and the encouragement of the employees are important. Employees can best develop and deliver maximum performance if they are confidently encouraged in the sense of a "Secure Base Leadership". In the dynamics of today's world neither business nor nations can be ruled one-dimensionally from the top. The same is true for the "skyscraper" industrial society. It is only through the cooperation of the individual cooperation along the value chain, that world class is then created. Innovative products can only be achieved with innovative materials. With its closely interlinked production stages and its efficient material cycles, the aluminum industry has intact value chains that are geared to the future quality and quantity requirements. The aluminum industry responds to the challenges of climate protection by providing a material which, like hardly any other light-weight solution, makes it possible in many fields of application. In addition, the development of the manufacturing process opens up great opportunities. In future, aluminum smelters can become cornerstones to stabilize the energy network.

**Keywords:** Industrial nations, integrated value chains, digitalization of industry, secure base leadership, aluminium and climate protection.

