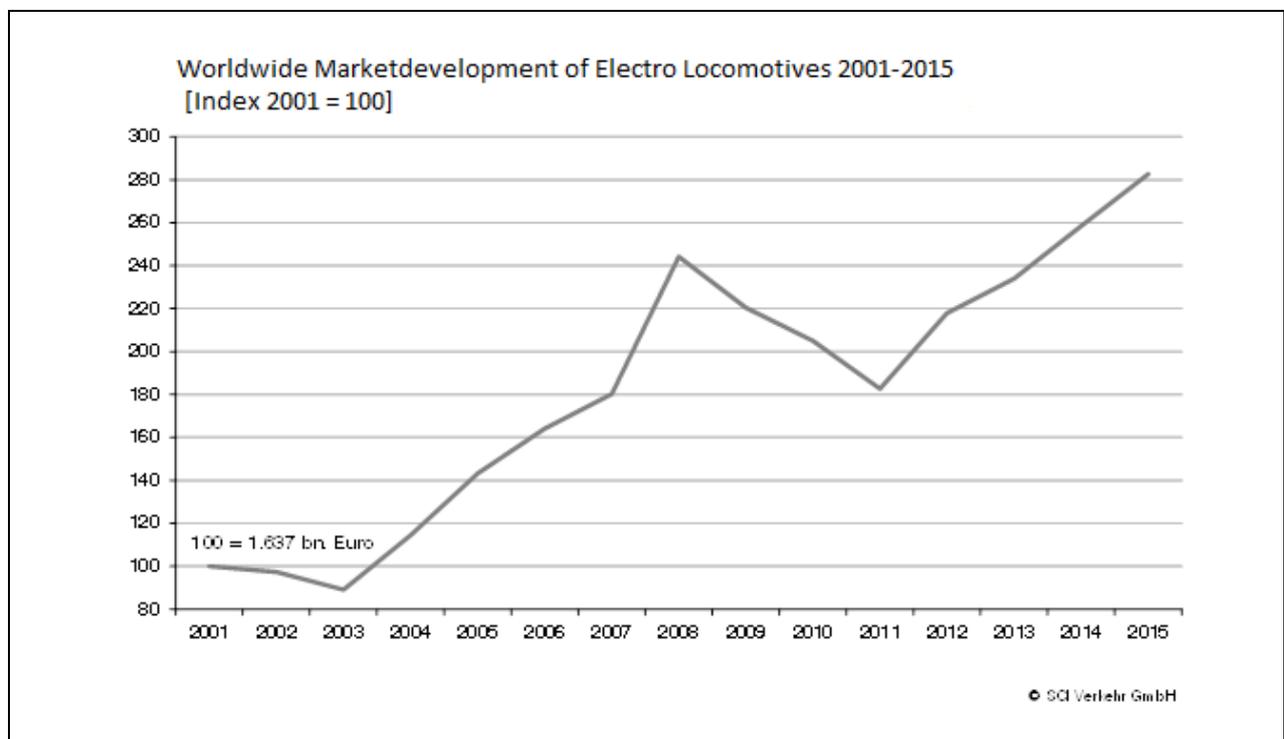


Product innovation and fleet refurbishments drive worldwide demand for electric locomotives into a solid growth phase

[03.02.2012] Following a downturn in the last few years, electric locomotive manufacturers can look very positively to the future again. The global market trend in the next few years for electric locomotives will be characterised by solid growth, and even by strong growth at a regional level. Thus, increasing transport demand, as well as fleet refurbishments and new product platforms, will lead to an attractive average growth rate of around 6% per year up to 2015 at global level. Dynamic growth is particularly expected in Eastern Europe and the CIS. This has been documented in the current study “Electric Locomotives – Global Market Trends” by SCI Verkehr GmbH.

In total, the highest numbers of electric locomotives are currently being sold in Asia and [SCI Verkehr](#) assumes the procurement intensity will continue at this level in the region. Market growth will, however, mainly be driven by the markets in Europe and the CIS in the next few years. Constant procurement by operators in the remaining regions is not to be expected. Individual projects are prevailing here due to low degrees of electrification and these projects are what forms the market volume.

In 2011, EUR 3.3 billion were invested in new procurements and around EUR 2.5 billion per year in the service and maintenance of fleets, including 47 000 locomotives. OEM and after-sales business will exhibit solid growth in the years to come. The OEM will develop better than after-sales in the future.



Source: SCI Verkehr GmbH, Multi Client Study “Electric Locomotives – Global Market Trends”

Multi-system locomotives have meanwhile become standard for cross-border passenger transport services in Western and Eastern Europe. Multifunctional product concepts will lead to even stronger competition as they are expected to promote the independence of private freight transport operators from state shunting services. In North America, on the other hand, multi-system locomotives enable the combination of longer non-electrified lines with electrified lines.

China and India in particular are extending their installed base on a large scale. The local manufacturers are expanding their production capacities, and the large systems companies are trying to enter the Asian market. In Western Europe, however, the extensive procurements by the state railways have nearly been completed. Procurement activity will therefore fall to a lower level in the next few years. Because of the size of the installed base, there is a constant basic requirement for new electric locomotives.

One third of the market for electric locomotives is served by the Chinese manufacturers CNR and CSR. The three global players – Alstom, Siemens and Bombardier – account for the second third of the market volume. In addition, regional suppliers are pushing their way into the European market. Countries such as Russia, China and India have their own production facilities for electric locomotives, which have currently reached their respective capacity limits. However, they are also keen to cooperate with the three systems suppliers, especially for high-powered drive systems.

Based on current developments in the rail transport market, the Multi Client Study “Electric Locomotives – Global Market Trends” delivers an analysis and well-founded estimate of the market for electric locomotives. SCI Verkehr provides analyses of companies and competitive environments as well as current and future market volumes in the worldwide market for new vehicles and after-sales business.

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