

MEDIA RELEASE

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Stadler to modernise X2000 fleet for Sweden's SJ

Stadler Rail will work together with ABB to upgrade the X2000 high-speed train fleet for SJ, Sweden's state-owned passenger train company. Since being introduced 25 years ago, the trains have been regarded as among the most comfortable trains in the world. Stadler Rail has signed a cooperation agreement with ABB for this project. A total of 36 trains in the X2000 fleet will be outfitted with new electrical equipment from ABB. Stadler Rail will be in charge of installing this equipment. Stadler's share of the cooperation totals around CHF 24 million, will be performed at a new location in Sweden and will create a host of new jobs.

Jürg Gygax, Executive Vice President Service at Stadler Rail, is very pleased about the order: "We are very proud to be able to modernise this wonderful train. The order represents a very significant milestone for our service business." In addition to Sweden, Stadler Rail is active in the service sector in Hungary, Algeria, Austria, Italy, Poland, Norway, Germany, Switzerland and the Netherlands.

The X2000 high-speed trains were built at the end of the 1980s by ASEA (one of ABB's predecessors). The trains offer passengers a great deal of comfort, personal space and service, in part thanks to the vehicle bodies, which are much wider than the bodies of trains used in continental Europe. The vehicles were first used for the Stockholm–Gothenburg route, but were later used on a number of other routes.

Location in Sweden

The upgrade will be performed on 36 of these trains, which have reached approximately the halfway point of their service lives. The vehicles generally consist of a power car, four carriages, one buffet car and one control carriage. The trains will be equipped with new technical components such as converters, transformers and new driver's cabs. This equipment will be provided by ABB.

Stadler Rail will perform the **disassembly of the existing trains, the installation of the new equipment and the static commissioning of the vehicles** at a new location in Sweden. This upgrade will significantly increase the **reliability and availability of the trains**. Furthermore, the X2000 will also be outfitted with a new passenger information system and will consume much

less energy. In a second phase, SJ is planning to refurbish the interior of the trains. This phase will have its own separate tender.

The **cooperation between ABB and Stadler Rail** represents the further expansion of a **long and proven partnership** between the two companies. Many of the new vehicles built by Stadler Rail are outfitted with electrical equipment from ABB. Stadler Rail will be creating between **50 and 60 new jobs** in Sweden. The company has already begun evaluating suitable rental properties.

Service as a growing business area

Stadler Rail is increasingly committed to the growing service sector. Alongside modernisation work as carried out on the X2000, this includes long-term service and maintenance contracts for various fleets in **Switzerland, Germany, Hungary, Algeria, Austria, Norway, Italy, Poland, Sweden** and the **Netherlands, some of which have been in place for many years**. The company has already achieved excellent availability levels at all its sites so far. The front runner is the Westbahn fleet in Linz, which has achieved availability of 99.7%. Stadler offers various services and revisions, ranging from minor **service work by mobile teams** on sub-systems or vehicles to extensive **repairs to vehicles severely damaged in accidents**. This allows Stadler to build on its extensive company know-how in these service fields.

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Stadler Rail Group, system supplier of customer-specific solutions for rail vehicle construction, has locations in Switzerland (Altenrhein, Bussnang, Winterthur and Biel), in Germany (Berlin-Pankow, Berlin-Hohenschönhausen, Berlin-Reinickendorf and Velten), in Poland, Hungary, the Czech Republic, Italy, Austria, the Netherlands, Belarus, Algeria and in the USA. The Group has a workforce of about 6,000 people. The best-known vehicle series from Stadler Rail Group are the articulated multiple-unit train GTW (571 trains sold), the Regio-Shuttle RS1 (497 trains sold), the FLIRT (1,018 trains sold), the double-decker multiple-unit train KISS (191 trains sold) and the high-speed train EC 250 (29 trains sold) in the railway segment, and the Variobahn (365 vehicles sold) and the Tango (159 vehicles sold) in the tram segment. The Metro is another addition for the commuter rail market (2 + 34 vehicles sold). Furthermore, Stadler Rail manufactures metre-gauge trains, passenger carriages and locomotives and is the world's leading manufacturer of rack-and-pinion rail vehicles.