

Shanghai unveils mega hydrogen filling site

The “world’s largest and most advanced” hydrogen refueling station, according to SAIC Motors, has just opened to the public in the Chinese city.

SAIC Motors just unveiled in Shanghai a mega hydrogen station with the capacity to charge a car within only three minutes and to power hundreds of vehicles per day. The 8,000-square-meter station can supply over 2 tonnes of hydrogen each day.

The filling station is located at an industrial park in Shanghai, which supplies part of the hydrogen in the station. Hydrogen is an industrial byproduct in many of the plants in the park. Through purification and compression, it can be transported to the station for storage, according one of the constructors.

The mega station will also supply hydrogen to other smaller filling points in a radius of around 50 - 100 km.

The hydrogen refueling station will “use the hydrogen produced by the chemical industry [in order to] actively contribute to the development of circular economy in Shanghai,” according to the press release.

The Society of Automotive Engineers of China drew up last month a development plan for hydrogen fuel cell vehicles in the Yangtze River Delta. This plan foresees 20 expressways hydrogen filling facilities and over 500 hydrogen filling stations to be built across the region by 2030.