

The World's First Zero-Emissions 'Hydrail' Passenger Train



A company called Alstom is creating a new kind of eco-friendly train called the Coradia iLint. Since it is a hydrail train which runs on hydrogen, it doesn't pollute the air. It is also very quiet. The only noises it makes are from its wheels and the air as it moves.

The Coradia iLint will start running in Germany's Lower Saxony in December of 2017. It will have room for up to 300 passengers (with 150 of them seated). Other areas in Germany have also shown interest in the train, as well as other countries such as the Netherlands, Denmark, and Norway.

Hydrogen vehicles

There are already other hydrogen vehicles around the world. They include hydrogen cars, a hydrail cable car in China, and a hydrail train in Japan. Hydrogen is also used to power rockets. However, the Coradia iLint can travel much farther than other hydrogen vehicles. It can go almost 500 miles (800km) at 87mph (140km/h).

Challenges

Expert Stan Thompson says that it may be difficult to introduce hydrail vehicles. This is because trains cost lots of money. Once a company buys a train they won't want to replace it for many years. However, once the Coradia iLint is running, it will hopefully become popular in more and more countries.

(出典: Weekly news for English language learners)