

Munich, June 29, 2017

### Bremen orders new tram fleet from Siemens

- **Bremer Straßenbahn AG orders 67 Avenio trams**
- **Option for up to 17 additional trams**
- **Commissioning to begin in spring 2019**

The German operator Bremer Straßenbahn AG (BSAG) has ordered 67 Avenio trams from Siemens. The order includes an option for up to 17 additional trams. The four-section trains will begin service in Bremen's tram network step by step beginning in spring of 2019. The city's network is comprised of seven lines with 163 stations and has a total length of 79 kilometers. The Avenios will replace the GT8N-series trams currently in service and will have the type designation GT8N-2.

"Modern, comfortable, reliable, durable and naturally barrier-free – that's the new tram for everyone in Bremen," said of BSAG board spokesman Hajo Müller.

"Today's signing of the contract marks a milestone for mass transit in Bremen and the surrounding region. The Avenio is the ideal tram for Bremen's community. With its spacious interior, wireless Internet access and information system with double monitors, it fulfills all the demands for comfort and quality that we and our riders expect of a modern tram."

"Following Munich, The Hague and Doha, Bremen is now the fourth city we are supplying with the Avenio. Our modular design ensures that the Avenio can be tailored to each city's particular needs and can also be flexibly used in a demanding infrastructure," said Jochen Eickholt, CEO of Siemens Mobility.

The Avenio can clearly be identified as a new member of the BSAG fleet: It features the company's signature bright red paint and references to the linear design and the BSAG logo used on earlier trams.



The interior design allows speedy boarding and alighting, shortening stops at the stations. A reflector strip runs along the exterior of the Avenio and is interrupted at the doors. The automatic door openers are marked with striking LED lighting that recalls the BSAG logo and are easy to spot in the dark and by those with impaired eyesight. Riders can quickly and easily move from the entry areas along the level aisle to available seats and standing room throughout the train. The four-section modules form a single, spacious interior. Large windows and LED lighting provide pleasant lighting conditions.

Riders with reduced mobility in wheelchairs or with walkers have spacious areas available at the entrances with convenient seating or room for parking. An electric lift at the second door operates a complete section of the floor. Bicycles and baby strollers can also be parked in the multifunctional areas near the doors. A color-coded guidance system provides additional orientation assistance for visually impaired riders. An air conditioning system ensures a pleasant, draught-free interior atmosphere throughout the year. The tram is up to 90-percent recyclable. The Avenio uses a large part of its recovered braking energy for heating or feeds it back into the power grid. The tram uses energy-saving LED lighting exclusively.

**Technical data for Bremen's Avenio:**

- 4-section articulated tram
- Car body in steel, CDP-coated
- Gauge: 1,435 mm
- Vehicle length: ca. 37 m
- Vehicle width: 2.65 m
- Capacity: 259 passengers
- Maximum speed: 70 km/h
- Maximum axle load: 10.5 metric tons

This press release and additional material are available at:

[www.siemens.com/press/Avenio-Bremen](http://www.siemens.com/press/Avenio-Bremen)

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