

## About

The Koblenz Rheinseilbahn is a temporary 3S system. It was constructed by Doppelmayr and located in Koblenz, Germany as part of the 2011 bi-annual BUGA horticultural show. The line, which consists of two slim-profile stations, showcases several styles of 35+ person cabins, including the first ever "Urban Concept" cabins.

A one way ride on the Rheinseilbahn takes about 4 minutes, traveling between downtown Koblenz and the Ehrenbreitstein Mountain Fortress.



A view of downtown Koblenz

## The Route

The Koblenz Rheinseilbahn carries passengers over the Rhine River to the BUGA festival grounds. The system traverses a UNESCO heritage site, which was able to maintain its status due to the low impact of the gondola. Once the system is taken down more trees will be replanted than were originally removed.



## System Stats

Technology	3S
Year	2010
Length	0.9 km
Stations	2
Cabin capacity	35 persons
Trip time	4:00
Company	Doppelmayr



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## Analysis

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The **station architecture** of this system is simple and elegant. Both structures have small footprint bases and customized roof top styles made of white stretched fabric. Since the system is designed to be disassembled on site, the construction required little disruption to the surrounding area.



Station Design



Tower Design



Initial reports indicate that the Rheinseilbahn is moving tens of thousands of people per day.



The new **Urban Concept cabins** look and feel like transit. There is plenty of sitting and standing space as well as bars to grab hold of and room for bikes or strollers.



Urban Concept Cabin - interior and exterior views



Due to the temporary nature of the system, the station design does not incorporate a **maintenance bay**, which would be required for an urban system.



While the station architecture is simple and elegant, the **tower design** is rather bulky and industrial in appearance.



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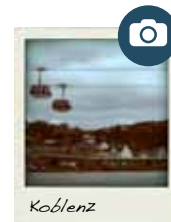
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