

# Austria

## Evaluation of asset performance



**TYPE OF TOOL**  
*Methodology/  
Guidelines/  
Requirements*



**MAIN SECTORS**  
*Transport*



**THEME**  
*Resilience*



**INFRASTRUCTURE GOVERNANCE PILLARS**  
*Asset performance throughout its life;  
Evidence-informed decision making*

### In a nutshell



**OBJECTIVE:** An evaluation of asset performance of the rail network is conducted to inform the planning of re-investments and maintenance.



**Agency in charge**  
**ÖBB-Infra**



**Levels of government**  
**National**



**Year of implementation**  
**2015**



**Current status**  
**Fully operational**

### Overview

Lifecycle performance is an important part of understanding the total resilience of an asset or network. By managing assets and networks efficiently at all stages, countries can get greater value for money and outcomes across the entire lifecycle of an asset. This requires collecting data and monitoring assets at different lifecycle stages against performance standards in order to make informed choices about investment for upgrades, maintenance and replacement of assets. In Austria, a Network Condition Report is published annually since 2015 and presents the overall asset performance of the rail network of ÖBB-Infrastruktur AG. The results of this evaluation form the basis for the planning of re-investments and maintenance.

The network condition score is calculated to rate the asset performance and expresses the overall assessed situation of an asset or the entire network in terms of functionality, safety, quality, condition and substance. Existing data from the network databases are used as the basis for evaluation. To calculate the network condition score, the asset performance of around 230,000 individual assets is determined according to the network condition methodology. The assets are evaluated according to a rating system of 1 to 5, with lower grades indicating good asset performance and higher grades indicating poor asset performance which may need renewal. The assets are weighted with the technical replacement value. In the 2021 Network Condition Report, the technical replacement value of all assets is EUR 52.3 billion (EUR 46.5 billion in 2020). The 2021 network condition rating of 2.1 shows that the network is in a good and stable condition.

#### REFERENCES:

- ÖBB-Infra (2021), *Network Condition Report 2021*, <https://infrastruktur.oebb.at/de/unternehmen/zahlen-daten-fakten/oebb-netzzustandsbericht-2021.pdf>