Horizon 2020 ETC 636126

D 12.1 Travel Information

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Contents

1. Introduction

This document is Deliverable 12.1 Travel Information and is part of work package 12 '*German Pilot*'.

Deliverable 12.1 of the German pilot aims to provide Dutch passenger information in German passenger information systems.

2. Executive Summary

The specific objective of Deliverable 12.1 is to provide passengers with a travel information system that allows them to plan domestic as well as cross-border trips in the pilot area. Furthermore, it was envisaged to enable the planning of trips in the neighbour country. Based on a travel information system that contains both, German and Dutch timetable data, cross-border travellers can plan and organise their journeys seamlessly – even abroad. More specifically this Deliverable contributes to a more simplified and more customer oriented version of travel information systems, which are well known on each side of the border, but usually don't cover cross-border regions like the pilot region.

The Deliverable has been implemented according to the work plan, without any deviations.

In order to provide cross-border passengers with a seamless travel information system that contains public transport timetable data from the German as well as the Dutch side, a data exchange between the responsible stakeholders, namely Aachener Verkehrsverbund (AVV) on the German side and Arriva Personenvervoer Nederland on the Dutch side, was initiated. The exchange of timetable data required coordination meetings between both parties, because divergent data formats containing differing detailed information (e.g. bus stop id's) needed to be matched and afterwards merged into one system. In order to achieve consistent data sets the partners developed matching tables that allow a clear assignment of stops in the cross-border public transport system. Based on this an integration of Dutch public transport timetables into the German travel information system was possible and finally carried out.

Providing a travel information system that can be used to plan cross-border trips as well as domestic trips is an essential basis for passengers to make of cross-border public transport services more easily. Thus, this contributes to the overall objective of the project, which aims towards a seamless use of cross-border public transport services.

3. Travel Information

In order to be as precise as possible, this concerns the integration of Dutch public transport timetable data into the passenger information system on the German side (AVV).

Two systems are available for this purpose, which can be used.

1. The AVV website provides travel information through a web based search mask.
2. Furthermore, AVV provides a mobile app for passengers. The most important functionality of this app is to provide passengers with travel information.

For the German pilot within the project European Travellers Club (ETC), both systems are used.

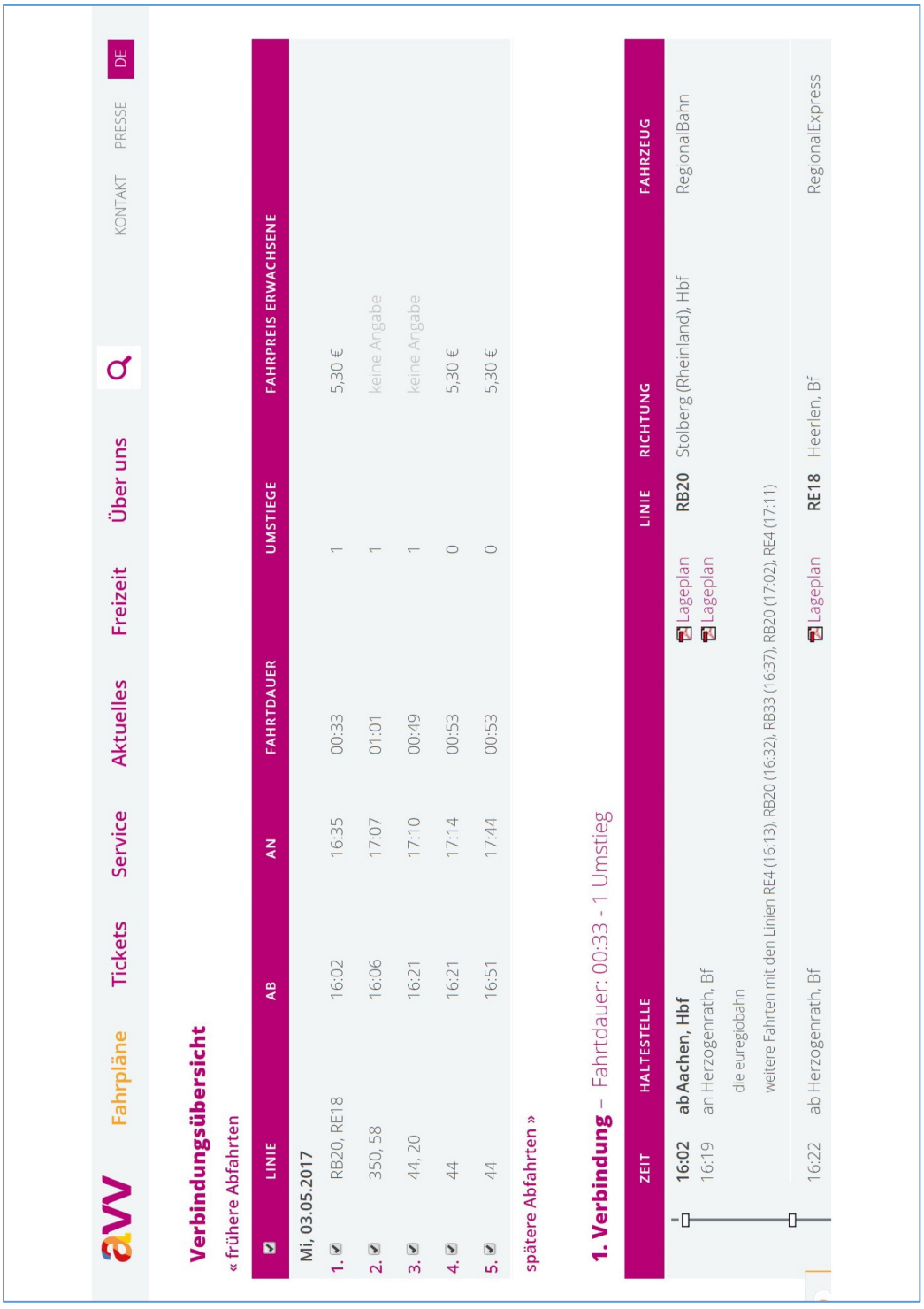
According to the deliverable 12.1, in a first step static travel data for Dutch public transport services were included into the German travel information system. Hence, German passengers can plan their cross-border trips or even journeys on the Dutch side by using their 'home' travel information system.

In a voluntary second step the provision of Dutch travel information shall even be expanded by including real-time data into the German system. This delivers an added value as real-time provide a more accurate overview of the current traffic situation and thus enable an even better travel planning. We expect the integration of real-time information to be finished before the start of the actual pilot.

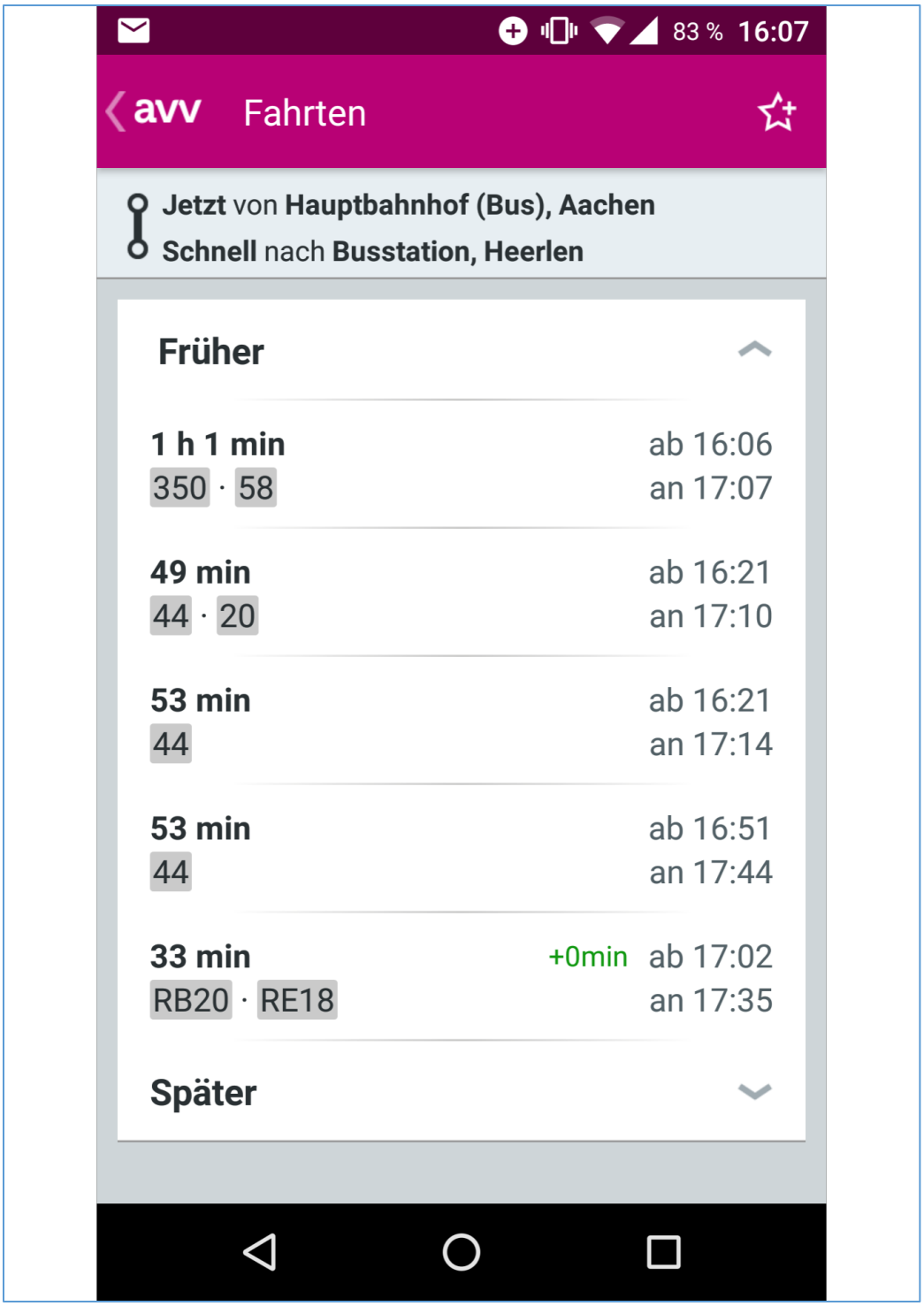
4. Screenshots

Below 2 screenshots of the travel information are provided:

Screenshot of the travel information on the AVV website (www.avv.de)



Screenshot of the travel information in the AVV app (avvconnect)



Both screenshots show the result of a search for journeys from Aachen (Germany) main station to Heerlen (The Netherlands) station starting at 16h today and hereby the results for a cross-border trip from Aachen to Heerlen.