



Statens vegvesen

Invitation to Dialogue Conference

NATIONAL TRAVEL PLANNER



A multimodal and competitively neutral
national travel planner

Introduction

The Norwegian government's goal, expressed by the Ministry of Transport and Communication, is to make it easier to use public transport. It is a unified political goal in Norway, that all future increase in personal transport should take place on travel modes such as public transport, biking and walking.

The Ministry of Transport and Communications has appointed The Norwegian Public Roads Administration (Statens Vegvesen) to lead and coordinate efforts to establish electronic solutions for national travel planning, electronic ticketing and a new database and search engine for the organization of the nationwide collection of traffic data¹. The Norwegian Public Roads Administration, in cooperation with Ruter, the transport agency for Oslo and Akershus, has therefore undertaken a project to develop or obtain a national, multi-modal and competitively neutral travel planner.

To promote informative and innovative interaction between the participating actors, the Norwegian Public Roads Administration hereby invites vendors, trade associations, business networks, R&D institutions and relevant NGOs to a dialogue conference. The purpose of the conference is to obtain information from the market on existing solutions and existing plans of development relevant to this. The Norwegian Public Roads Administration's intention is to reveal whether a solution that meets the needs of the Norwegian Public Roads Administration exists on the market today, or if it is possible to develop through a collaboration between a set of parties.

The dialogue conference is a preparation for a possible procurement process for a new database, search engine and front-end solution for travel planning. The decision on whether to initiate a procurement process will be made after the dialogue conference.

Background

The Norwegian public transport system is primarily organized in the 19 municipalities, with the Norwegian national railway NSB as one of a few exceptions. Several companies collaborate to deliver the public transport services. There are currently more than 60 travel planners in Norway, and the traveller often needs to use several different planners in combination. The travellers consider it challenging to find information and plan journeys when several modes of transportation are involved, especially when the journey crosses county borders.

In 2014, the Parliament decided to establish a national system of electronic ticketing for seamless public transport across Norway.

The Norwegian Public Roads Administration

The Norwegian Public Roads Administration comprises the Directorate of Public Roads and five regional units, and is subordinate to the Ministry of Transport and Communication.

The Norwegian Public Roads Administration is responsible for, amongst other things, the planning, construction and operation of the national and county road networks, vehicle inspection and requirements, driver training and licensing. The administration sets frameworks, stipulates regulations and makes decisions in areas where it has been

¹ Statsbudsjettet 2012-2013 og 2013-2014, Meld. St. 26 (2012–2013) *Nasjonal transportplan* og Meld. St. 27 (2014-2015) *På rett spor - reform av jernbanesektoren*

delegated authority. The Ministry appoints the Directorate to carry out relevant tasks within their area of competence, hereby included travel planning.

The objective for a national travel planner

The Regulation regarding work transport [2003-03-26-401] regulates the collection of travel data on public transport. All providers of public transport are obliged to report data to the national database. Thereafter, the data are made available to both the public and travel companies through public APIs. The data will be publicly available with the new database.

Based on a complete data set from the database, the national travel planner shall deliver a national and competitively neutral search. It should also be possible for public transport companies to extract data from the national database, to use in their own local travel planners.

The solution needs to collect, quality assure and store travel data² with the greatest possible range of transport services in the country. It involves the collection of route data from county and commercial public companies, as well as management and distribution of these route data. The solution also needs to include the possibility of adding the feature of ticket purchase. The implementation and integration between a travel planner and ticket purchase, needs to be possible in the proposed solutions. Figure 1 illustrates the architectural model of the travel database and front-end solution.

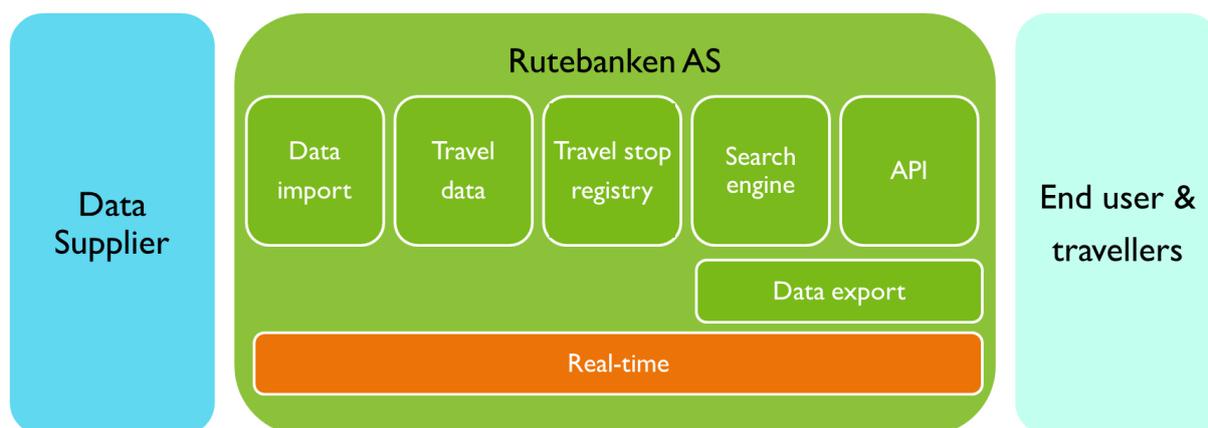


Figure 1 Simplified model of the architecture

The new database, search engine and front-end solution should be a market-leading service. It needs, among other things, to:

- Deliver national, multi-modal and competitively neutral information on public transport
- Deliver travel information in a map
- Deliver real-time information
- Deliver information on universal design

Travellers should be able to plan journeys, buy tickets, get instant alerts and quickly find alternative routes.

The aim for the travel planner is to become the most complete nationwide travel planning service for public transport in Norway.

² According to standards in Håndbok V820

Organization of the National travel planner project

The Norwegian Public Roads Administration is the project owner of the national travel planner project, whereas Ruter is the project manager. The public transport actors are represented in the project's steering committee and reference group.

The process going forward

The purpose of the dialog conference is to obtain a list of actors, solutions and possible business models in the commercial market. In addition, we would like to provide an arena for the different stakeholders to meet and interact.

The National Public Road Administration also wants to present both our and our travellers' needs, stimulating suppliers to innovate and lead to possible collaboration. On the basis of the information obtained through the dialogue conference, the National Public Roads Administration will decide whether to initiate a procurement process or to develop a new solution based on open source principles.

The process to be undertaken will consist of six parts:

Date	Subject
25.11.2015	Invitation made available to the vendors
04.01.2016	Deadline for receiving response to the invitation
08.01.2016	Vendors to provide answers to questionnaire
12.01.2016	Dialogue conference
12-13.01.2016	One to one meetings
01.02.2016	Decision regarding initiating tender process

The Dialogue conference will be held at The Norwegian Public Roads Administration's Head Office in Brynsengfaret 6A (Oslo), Norway. All presentations are conducted in English, while the one to one meetings can be held in Norwegian if desired so from the vendors.

The Dialogue conference expected agenda are the following:

Time	Subject
08:45 - 09:15	Registration & Coffee
09:15 – 09:30	Welcome and introduction
09:30 – 09:45	About the Norwegian Public Roads Administration
09:45 – 10:00	National Programme for supplier development
10:00 – 10:30	Presentation of the project – Commercial
10:30 – 11:00	Break
11:00 – 11:30	Presentation of the project – Technical

Time	Subject
11:30 – 12:30	Lunch
12:30 –	One to one meeting

The objectives of the one-to-one meetings are to get to know potential vendors and the market. During the one to one meeting we would like to hear about both existing solutions, and solutions or services vendors plan to introduce to future markets. If possible, we would also like a brief live demonstration.

Before the conference, we will distribute a short questionnaire to the vendors. The purpose of the questionnaire is to get a basic information about vendors and the market as such.

Questions and registration

If you have any questions, please forward them to:

Name: Mette Hendbukt

E-mail: mette.hendbukt@vegvesen.no

For registration, please use our [online registration form](#). All registrations must be made by the 4th of January 2016.

If you desire one-to-one meetings, please specify this in your registration notice.