

Implementation of NAP in Sweden

Mr Kent Olsson
Swedish Transport Administration

Warsaw, 9th April 2018

**National Access
Point as a tool to
support the quality
of travel, The
Swedish NAP**

**April 9 2018,
Warsaw, Poland**



TRAFIKVERKET
SWEDISH TRANSPORT ADMINISTRATION

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Basic responsibilities in Sweden

- Swedish Transport Administration (STA) (Trafikverket) is appointed responsibility for NAP in Sweden, (act b,c,e)
- Swedish Transport Agency (Transportstyrelsen) is appointed responsibility for following up on the Assessment of compliance

The ITS-directive requires,

Act b;

- Metadata,
- TEN-network
- All motorways
- Discovery service
- Includes around 40 information items

Act c;

- Metadata,
- TEN-network, parts off
- Discovery service
- Information items
 - Temporarily slippery road
 - Animals, people, debris on the road
 - Unprotected accident area
 - Short term road works
 - Reduced visibility
 - Ghost driver
 - Unmanaged tunnel or road blockage
 - Extreme weather conditions

What did we go for??

- Metadata, yes
- TEN-network yes
- All motorways yes
- Discovery service yes
- Includes around 40 information items, act b yes
- Act c yes

Possible Enlargement

- Road network, Yes, more or less all roads
- Retrieving the actual data from NAP No
- Containing the actual data (DW) No
- Marketplace for payment No
- Act a, MMTTI Probably

The Implementation, www.trafficdata.se

Trafficdata.se Datasets Organizations FAQ About Search

Publish Metadata
How to publish on Trafficdata.se

Access Data
How to access data on Trafficdata.se

Manual (English)
Guide on how to use Trafficdata.se in English

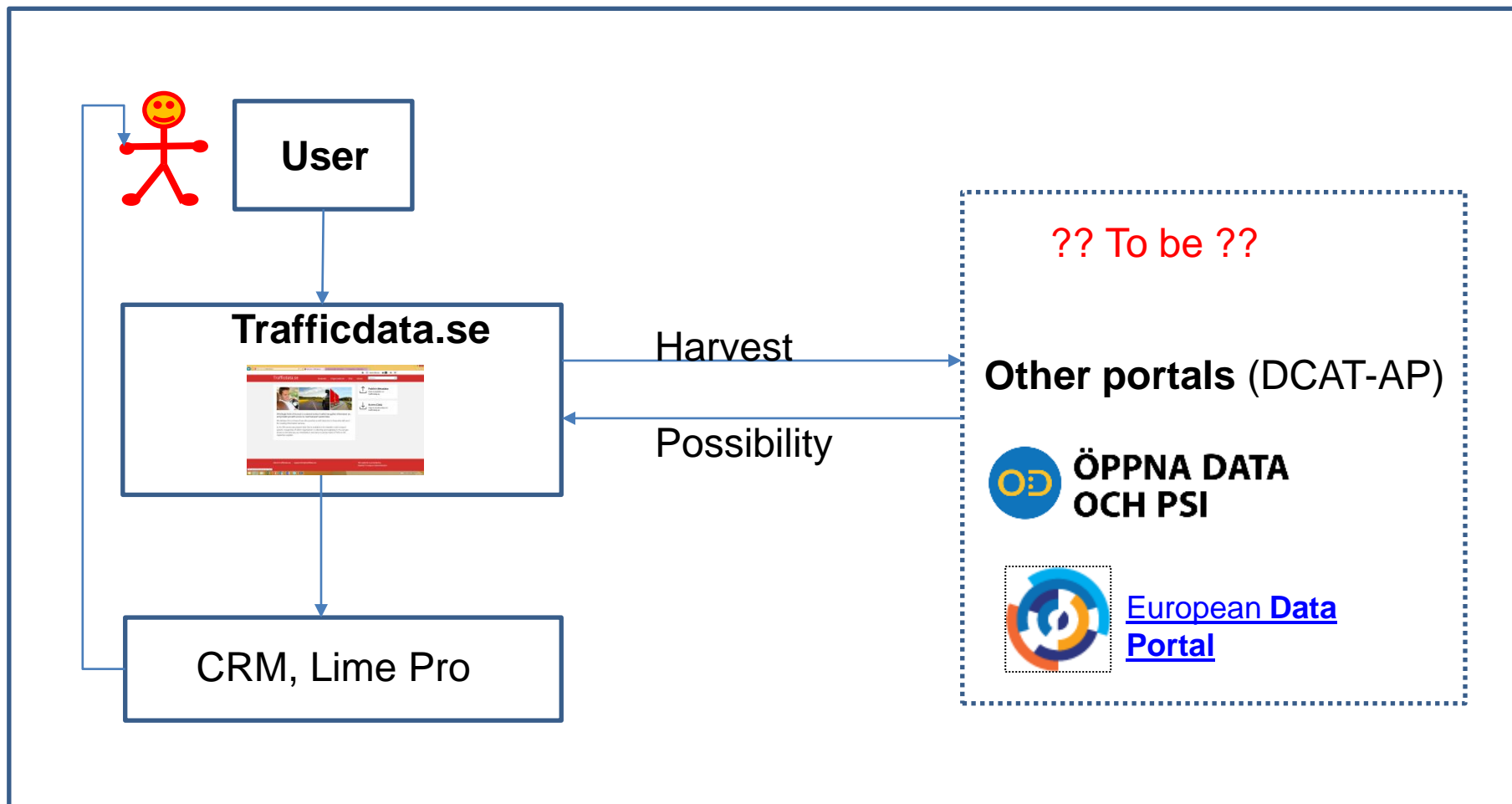
Manual (Swedish)
Guide on how to use

The portal Trafficdata.se is a national service in which we gather information on, and provide you with access to, traffic and road network data.

We address this to those of you who provide data and to those who will use it for creating information services.

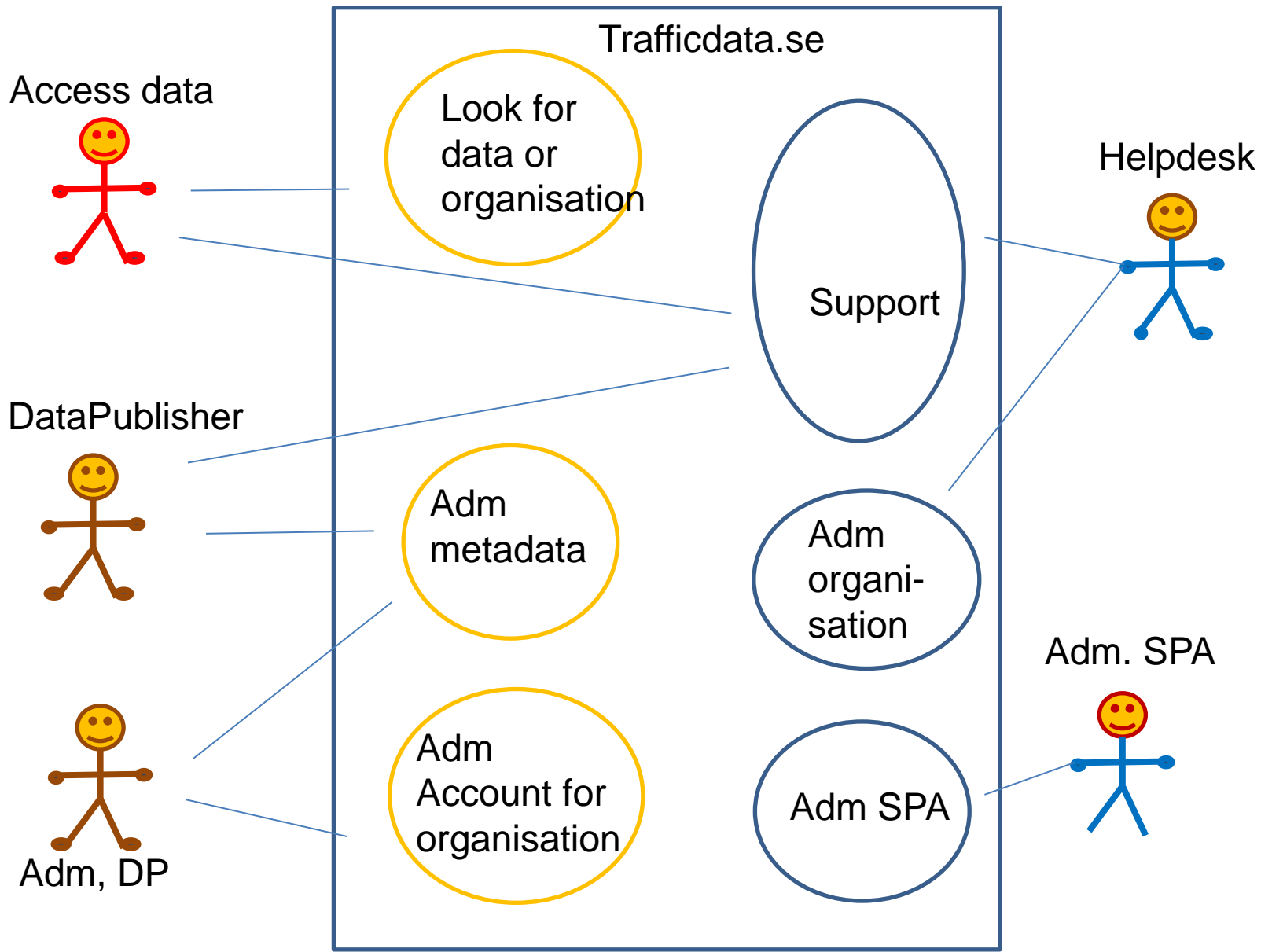
In the portal we present data that is available in the Swedish road network, irrespective of which organisation is collecting and supplying it. You can get access to the data you are interested in and want to use by means of links to the respective supplier.

Solution



Application

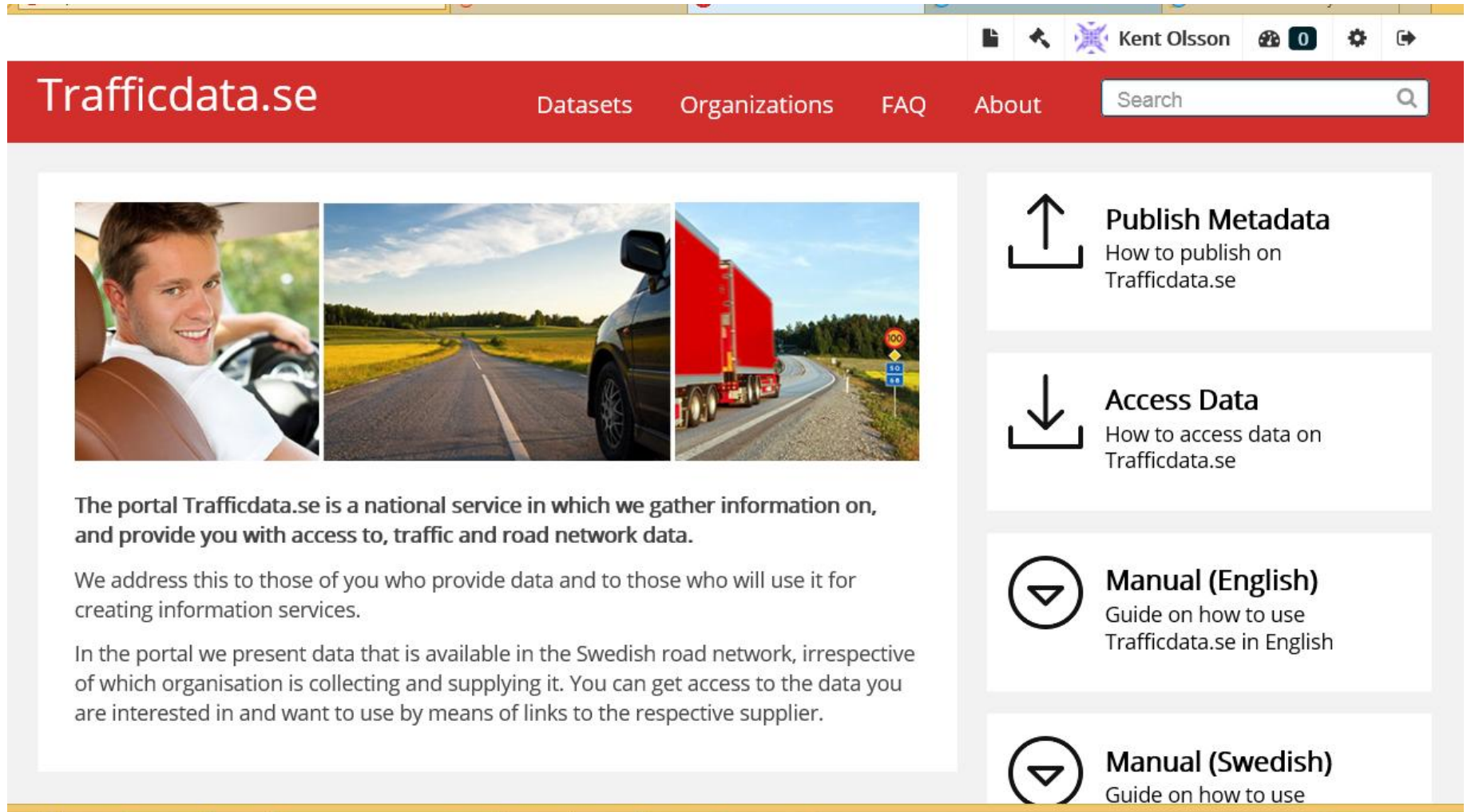
- Metadata-standard is DCAT-AP, Data Catalog Vocabulary - Application Profile, managed by (<http://www.w3.org/TR/vocab-dcat/>)
- Portal platform is CKAN (<https://ckan.org/>), the world's leading open source data portal platform. CKAN is used by "all" the main Open-Data portals, one example is the EU European data portal <http://www.europeandataportal.eu>. CKAN is supported by **Open Knowledge Foundation**. (they also offer support och operation). CKAN is a basic "frame" and there are plenty off "ad ons" as open source.
- Developemnet: Python
- Databas: PostgreSQL
- Webbserver: Apache
- OS: Rekomended is Linux Ubuntu 14.04 (many communities)
- **Service and helpdesk**, Weekdays, 08.00 – 16.30




Publish metadata

- **1. Create an account.** The account is personal and you can create it yourself on the website. The account is created immediately.
- **2. Create an organization.** To create an organization, someone who has an account needs to fill in an application, which you do on the website. Because it requires verification, it can take a day or so. After confirmation that the organization has been created an email will be sent to you. This includes the right to manage the organization's pages in the portal which include assigning permissions to more users in your organization to function as administrators or editors (data registrars).
- **3. Publish metadata**

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Thank You

Category:

- + ■ Static road network data - Act B
- ■ Traffic signs expressing traffic regulations and identifying dangers - Act B
 - Access conditions for tunnels
 - Access conditions for bridges
 - Speed limits
 - Permanent access restrictions and other traffic regulations
 - Other traffic regulations
 - traffic circulation plans
- + ■ Toll information - Act B
- + ■ Parking information - Act B
- + ■ Filling and charging stations - Act B
- + ■ Freight logistics - Act B
- + ■ Location of public transport stops and interchange points - Act B
- + ■ Dynamic access information - Act B
- + ■ Temporary traffic regulation - Act B
- + ■ Road work information - Act B
- + ■ Unexpected events and conditions (not being safety related) - Act B
- + ■ Traffic management measures - Act B
- + ■ Traffic management measures - Act B
- + ■ Real-time traffic data - Act B
- + ■ Safety Related Traffic Information - Act C

Extra