



The screenshot shows the Trafficdata.se website. At the top, there is a red navigation bar with the site name 'Trafficdata.se' on the left and menu items 'Datasets', 'Organizations', 'FAQ', and 'About' in the center. A search bar is located on the right side of the navigation bar. Below the navigation bar, the main content area is divided into two columns. The left column features a row of three images: a smiling driver, a road stretching into the distance, and a red truck. Below these images is a paragraph of text: '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.' The right column contains two white boxes with black text. The top box has an upward-pointing arrow icon and the text 'Publish Metadata' followed by 'How to publish on trafficdata.se'. The bottom box has a downward-pointing arrow icon and the text 'Access Data' followed by 'How to access data on trafficdata.se'. The browser's address bar at the top shows 'Kent Olsson' and various icons.

Trafficdata.se

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1 Purpose of the service

The service is part of the EU's plan to introduce Intelligent Transport Systems (ITS) into the road network and is regulated in the ITS Directive 2010/40/EU. By gathering information about and giving access to relevant, up-to-date data via a national single point of access, the EU aims to make things easier for those who create information services that can improve the efficiency of transport and travel.

Based on the Directive, the EU determines which data is to be made available and on what terms.

In Sweden, the Swedish Transport Administration is responsible for managing the service. For this purpose, the Swedish Transport Administration has chosen to create a separate website, www.trafficdata.se. This is where the organizations that collect and deliver data in Sweden publish metadata for the datasets they supply. Those who are interested in obtaining access to the data follows the instructions that each respective organization provides in its metadata description.

1.1.1 THE SERVICE HAS TWO MAIN FUNCTIONS:

1. Publish Metadata, for those who want to publish metadata;
2. Access data, for searching for and linking to organizations that supply data.

For administrators of your organization, see chapter 3.

The Acts

The ITS Directive is transposed into Swedish law in a number of Acts.

- Act B – Real-time traffic information
- Act C – Road safety-related traffic data
- Act E – Secure and protected truck parking

Act B

Real-time traffic information

Includes around 40 information items in the areas of road networks, traffic control, parking, charging and filling stations, events, restrictions on roads tunnels and bridges, speeds, journey times, etc. For a complete description see the EU website http://ec.europa.eu/transport/themes/its/news/2014-12-18-rtti_en.htm

Act C

Road safety-related traffic data (Act C)

The data that the service provides access to are divided into eight categories (the ITS Directive Act C) of events and circumstances. These are:

- 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

Act E**Information about secure and protected truck parking**

Data on the Swedish Transport Administration's installations for truck parking and truck parking areas that commercial or municipal actors provide. The service only provides static data.

2 Publish metadata

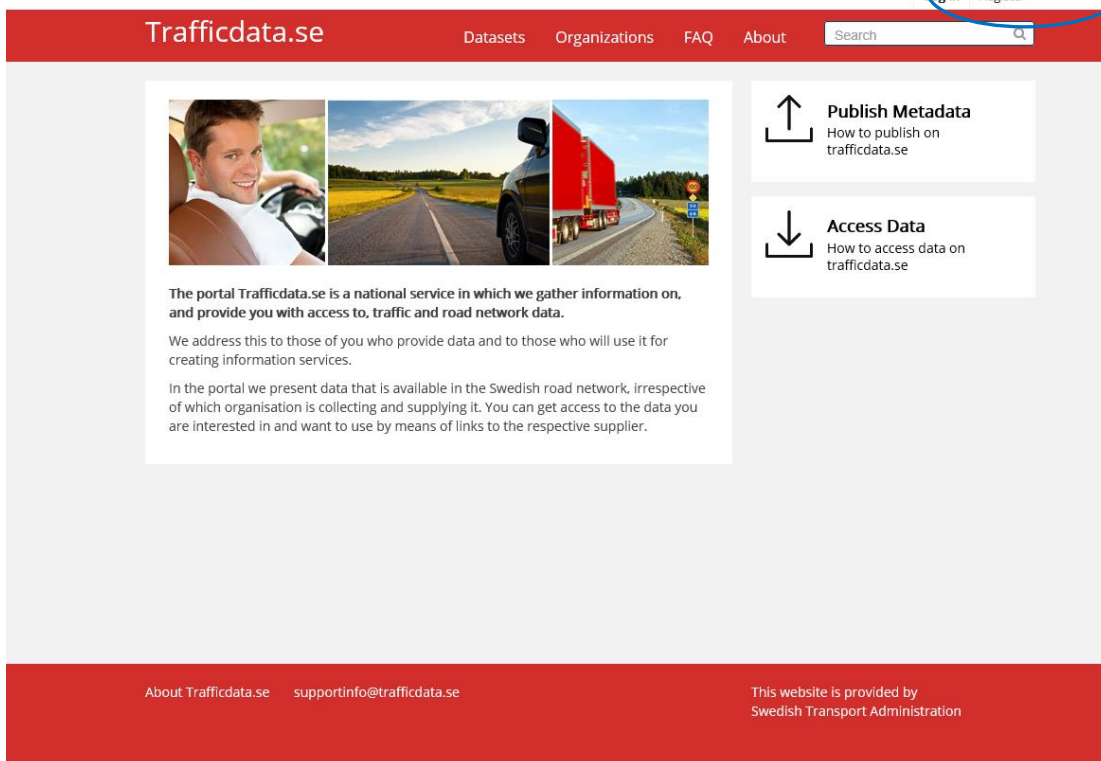
To publish metadata, you need to do the following:

1. **Create an account.** The account is personal and you can create it yourself on the website (see instructions below). 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, since the data need to be checked by Support for trafficdata.se. When this has been completed, a confirmation that the organization has been created 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,** follow the instructions below.

2.1 Create an account

Click on **Register** in the top right-hand corner

Create the account by clicking on *Register*.

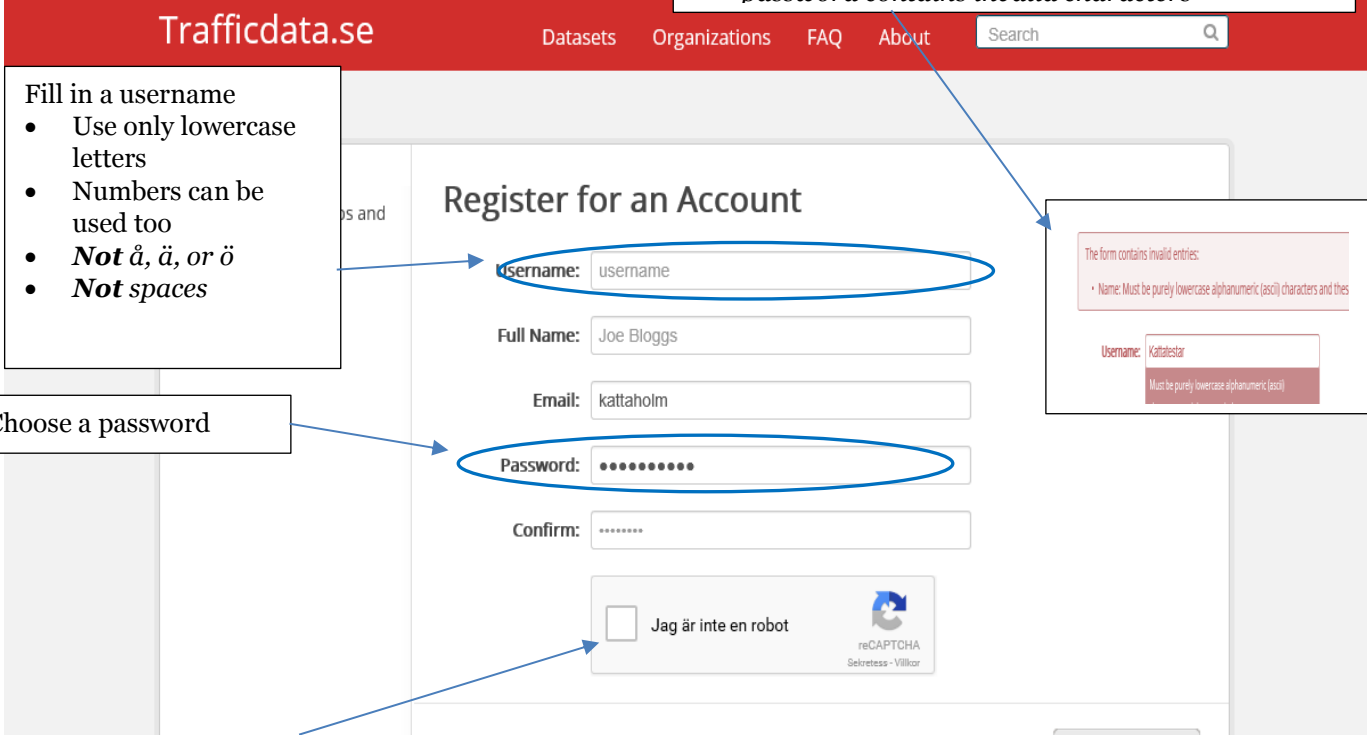


The screenshot shows the Trafficdata.se website interface. The top navigation bar is red and contains the site name 'Trafficdata.se', menu items 'Datasets', 'Organizations', 'FAQ', and 'About', and a search bar. In the top right corner, there are two buttons: 'log in' and 'Register'. The 'Register' button is circled in blue, and a blue line connects it to a text box above that says 'Create the account by clicking on Register.' Below the navigation bar, the main content area features a large image of a smiling driver, a road, and a truck. To the right of the image are two call-to-action boxes: 'Publish Metadata' with an upward arrow and 'Access Data' with a downward arrow. The footer is red and contains contact information and a note about the website being provided by the Swedish Transport Administration.

2.1.1 REGISTRATION

- Fill in a *Username*. Make sure that you only use lowercase letters.
- Fill in your *Full Name*
- Fill in your *Email* address
- Enter a *Password*
- *Confirm* your password
- Tick the ***I am not a robot*** box
- In the instance shown here, click on all the images with trees to confirm that you are not a robot.
- Click on ***Create Account***

A red dialog box will pop up if your username or password contains invalid characters



Fill in a username

- Use only lowercase letters
- Numbers can be used too
- **Not å, ä, or ö**
- **Not spaces**

Choose a password

Register for an Account


Username:

Full Name:

Email:

Password:

Confirm:

Jag är inte en robot 

Create Account

Register for an Account

Username:

Full Name:

Email:

Password:

Confirm:

Välj alla bilder med träd.

Create Account

This website is provided by
 Swedish Transport Administration

2.2 Create a new organization or join an existing organization

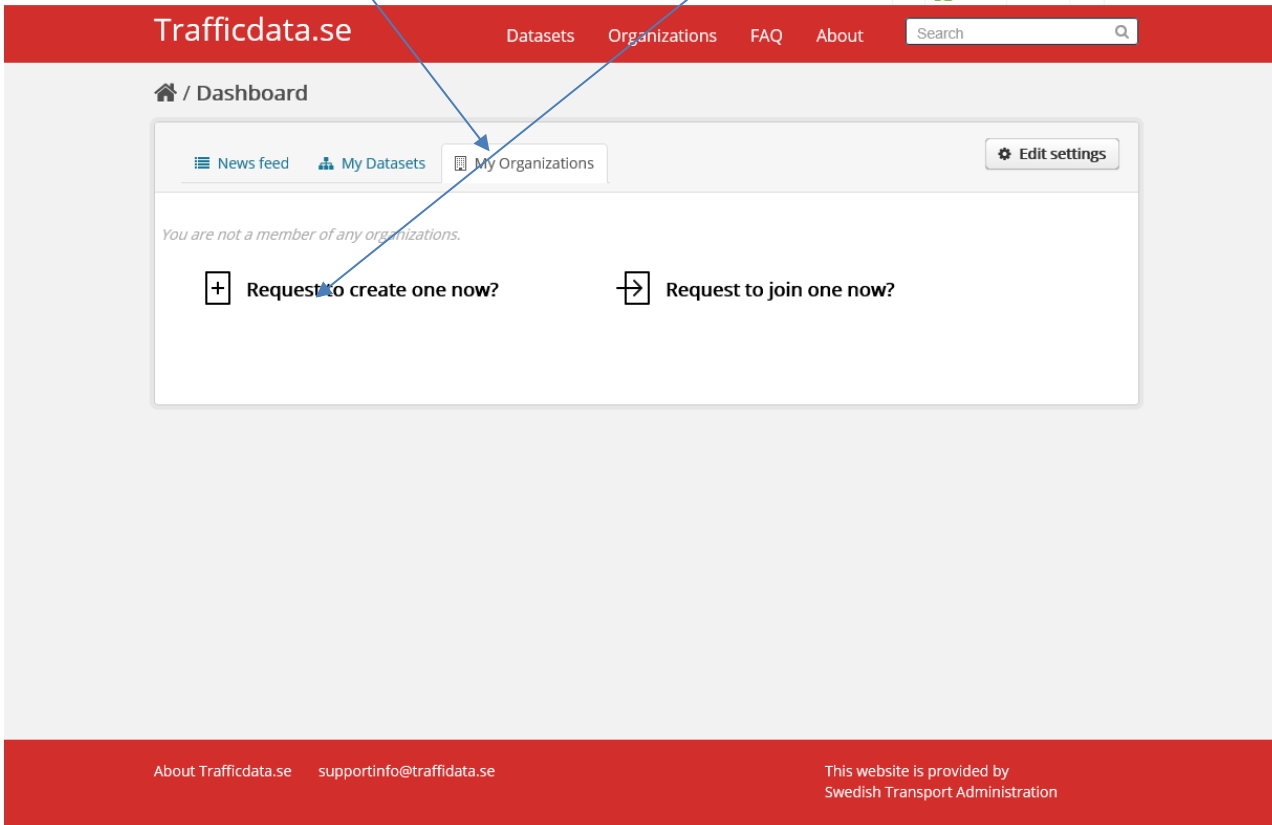
This is where you choose to create a new organization or request to join an existing organization.

Go to Dashboard. The symbol  is on the right above the menu bar

Select **My Organizations**

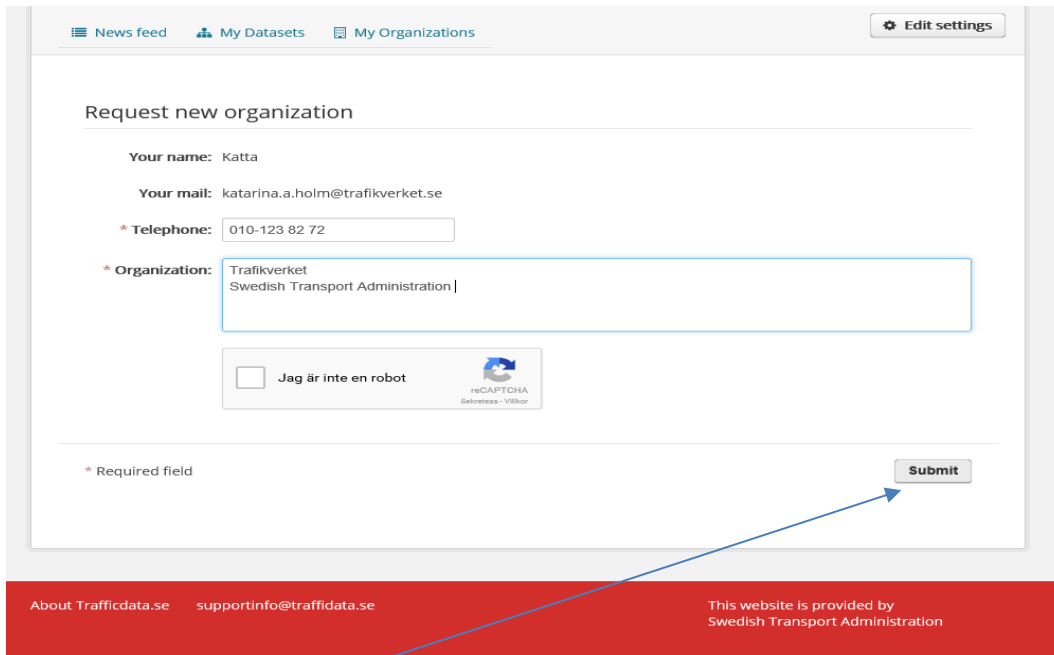
2.2.1 CREATE NEW ORGANIZATION

To create a new organization, click on the link **Request to create one now?**



The screenshot shows the Trafficdata.se dashboard. At the top, there is a red navigation bar with the site name 'Trafficdata.se' and links for 'Datasets', 'Organizations', 'FAQ', and 'About'. A search bar is also present. Below the navigation bar, the user is logged in as 'Katta'. The main content area is titled 'Dashboard' and contains three tabs: 'News feed', 'My Datasets', and 'My Organizations'. The 'My Organizations' tab is active, displaying the message 'You are not a member of any organizations.' Below this message, there are two buttons: '+ Request to create one now?' and '+ Request to join one now?'. A red footer bar at the bottom contains contact information and a note that the website is provided by the Swedish Transport Administration.

Fill in the form according to the instructions. See example below.



News feed My Datasets My Organizations Edit settings


Request new organization

Your name: Katta

Your mail: katarina.a.holm@trafikverket.se

* Telephone: 010-123 82 72

* Organization: Trafikverket
Swedish Transport Administration |

Jag är inte en robot 

* Required field Submit

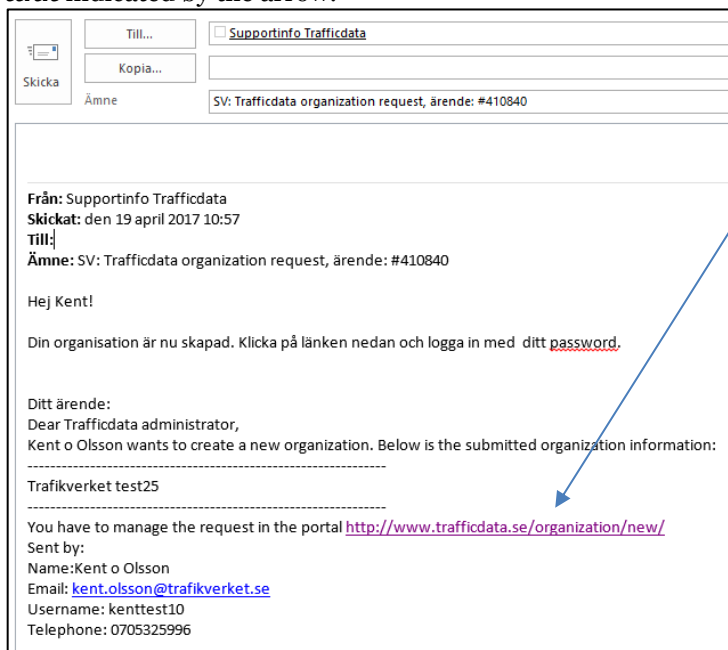
About Trafficdata.se supportinfo@traffidata.se This website is provided by Swedish Transport Administration

Click on **Submit**

- The Swedish Transport Administration confirms via e-mail when the organization has been created and you can begin to publish metadata. Normally the Swedish Transport Administration confirms the new organization within two working days.

The user who creates the organization is assigned administrator rights which allows the user to create data sets and add members to the organization.

Below is an example of the reply from the Swedish Transport Administration's Support. Click on the **link** indicated by the arrow.



Till... Supportinfo Trafficdata

Kopiera...

Skicka

Ämne SV: Trafficdata organization request, ärende: #410840

Från: Supportinfo Trafficdata
Skickat: den 19 april 2017 10:57
Till:
Ämne: SV: Trafficdata organization request, ärende: #410840

Hej Kent!

Din organisation är nu skapad. Klicka på länken nedan och logga in med ditt password.

Ditt ärende:
Dear Trafficdata administrator,
Kent o Olsson wants to create a new organization. Below is the submitted organization information:

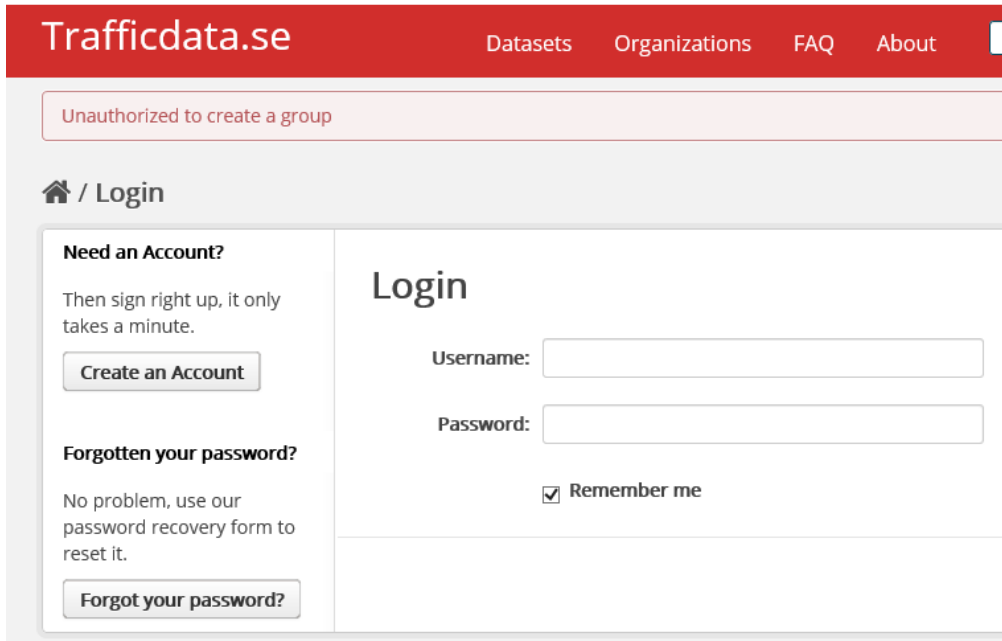
Trafikverket test25

You have to manage the request in the portal <http://www.traffidata.se/organization/new/>

Sent by:
Name: Kent o Olsson
Email: kent.olsson@trafikverket.se
Username: kenttest10
Telephone: 0705325996

When you click on the link, the following view is displayed.

Fill in your ***Username*** and ***Password***.



Trafficdata.se Datasets Organizations FAQ About

Unauthorized to create a group

Home / Login

Need an Account?

Then sign right up, it only takes a minute.

[Create an Account](#)

Forgotten your password?

No problem, use our password recovery form to reset it.

[Forgot your password?](#)

Login

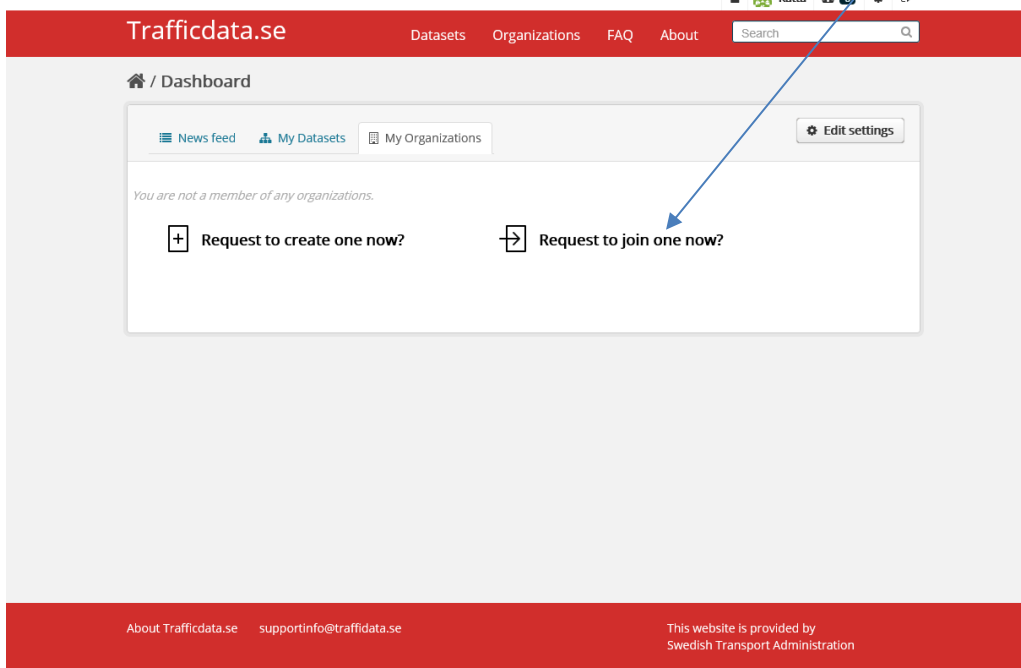
Username:

Password:

Remember me

2.2.2 JOIN AN EXISTING ORGANIZATION

To join an organization, click on the link ***Request to join one now?***
 The administrator for the organization reports to you when it is complete.



Trafficdata.se Datasets Organizations FAQ About Search

Home / Dashboard

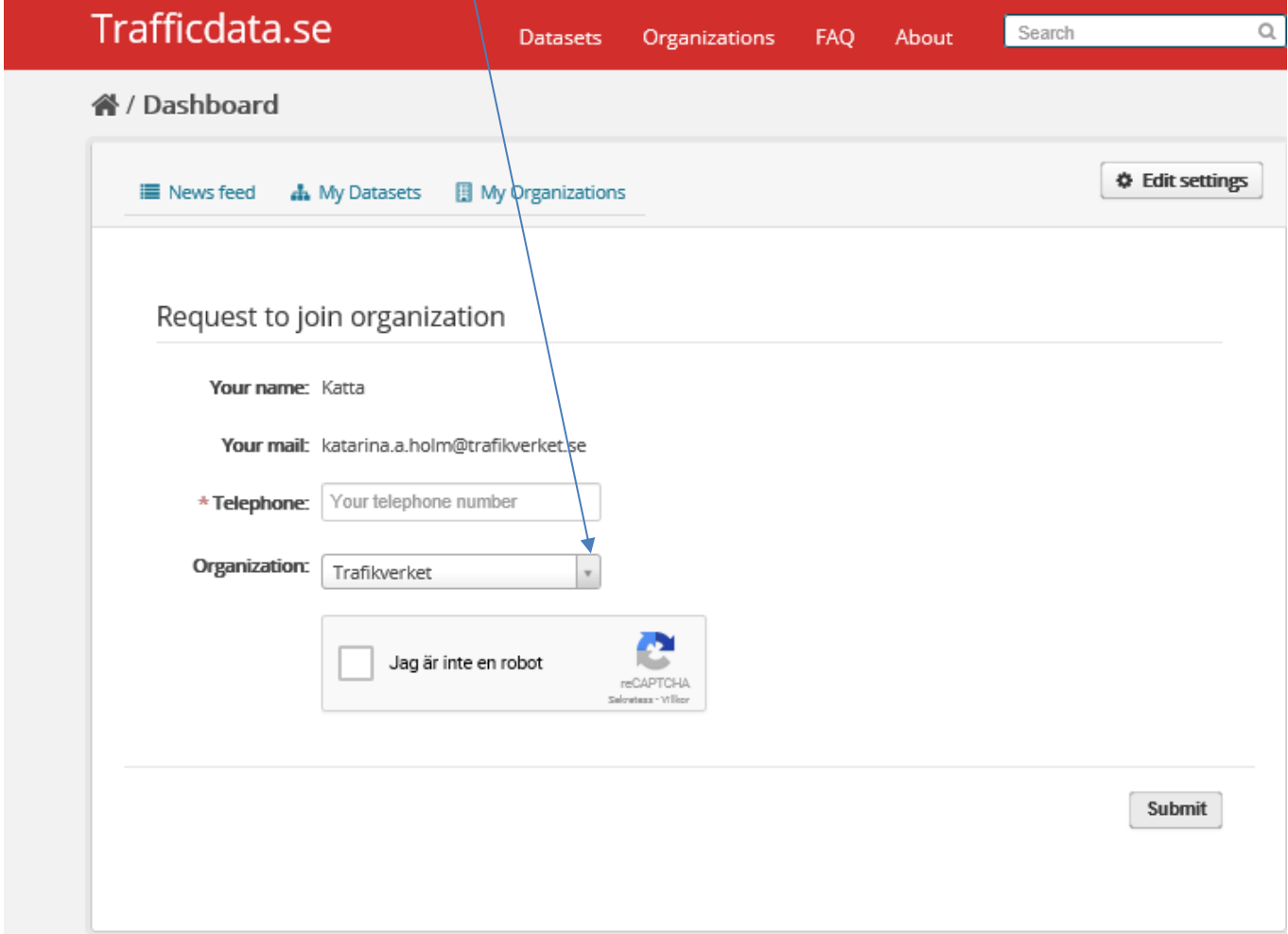
News feed My Datasets My Organizations Edit settings

You are not a member of any organizations.

[Request to create one now?](#) [Request to join one now?](#)

About Trafficdata.se supportinfo@traffidata.se This website is provided by Swedish Transport Administration

Select the **organization** you want to join.



The screenshot shows the 'Request to join organization' form on the Trafficdata.se website. The form is titled 'Request to join organization' and includes the following fields:

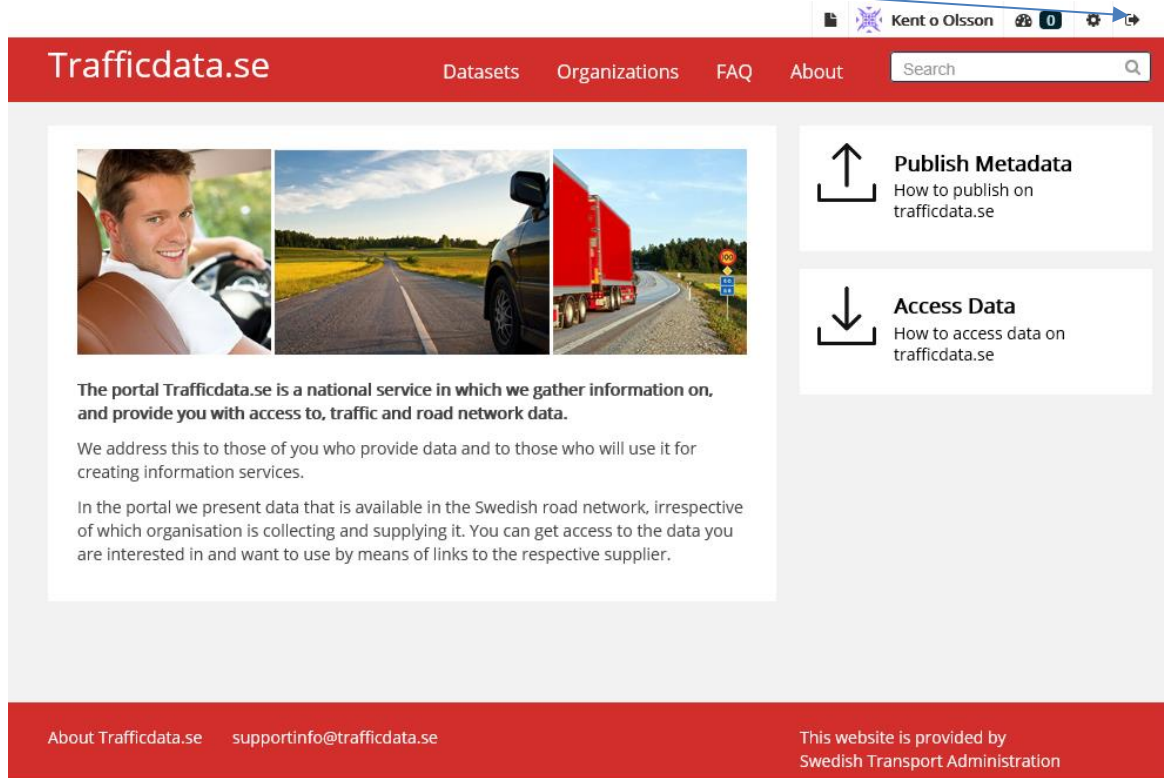
- Your name:** Katta
- Your mail:** katarina.a.holm@trafikverket.se
- * Telephone:** Your telephone number
- Organization:** Trafikverket

Below the form, there is a checkbox labeled 'Jag är inte en robot' (I am not a robot) and a reCAPTCHA widget. A blue arrow points from the text 'Select the organization you want to join.' to the 'Organization' dropdown menu.

The administrator for the selected organization confirms your application via email.

2.3 Publish metadata

Start by logging on to *Trafficdata.se*.



The screenshot shows the homepage of Trafficdata.se. The header is red with the site name and navigation links: Datasets, Organizations, FAQ, and About. A search bar is on the right. The main content area features a large image of a driver, a road, and a truck. Below the image is a text block explaining the portal's purpose. To the right, there are two call-to-action boxes: 'Publish Metadata' and 'Access Data'. The footer is red and contains contact information and a note about the website's provider.

Trafficdata.se Datasets Organizations FAQ About Search

Publish Metadata
How to publish on trafficdata.se

Access Data
How to access data on trafficdata.se

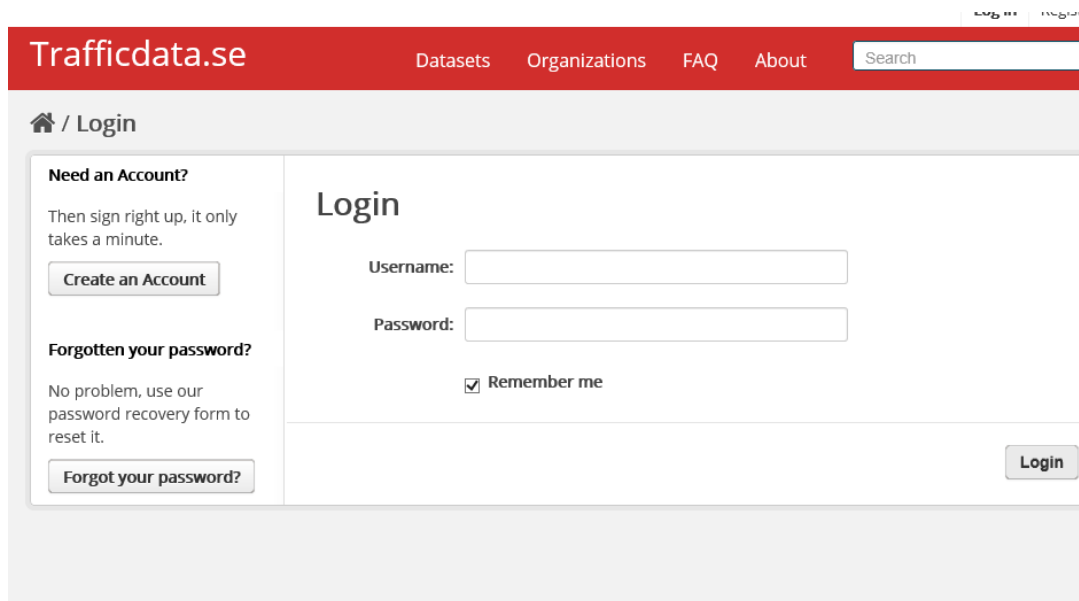
The portal Trafficdata.se is a national service in which we gather information on, and provide you with access to, traffic and road network data.

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.

About Trafficdata.se supportinfo@trafficdata.se This website is provided by Swedish Transport Administration

When you have selected to log in, this view is displayed. Fill in your **Username** and **Password** and click on **Login**.



The screenshot shows the login page of Trafficdata.se. The header is red with the site name and navigation links: Datasets, Organizations, FAQ, and About. A search bar is on the right. The main content area is titled 'Login' and contains a form with fields for Username and Password, a 'Remember me' checkbox, and a 'Login' button. On the left, there are links for 'Need an Account?' and 'Forgotten your password?'.

Trafficdata.se Datasets Organizations FAQ About Search

Need an Account?
Then sign right up, it only takes a minute.
[Create an Account](#)

Forgotten your password?
No problem, use our password recovery form to reset it.
[Forgot your password?](#)

Login

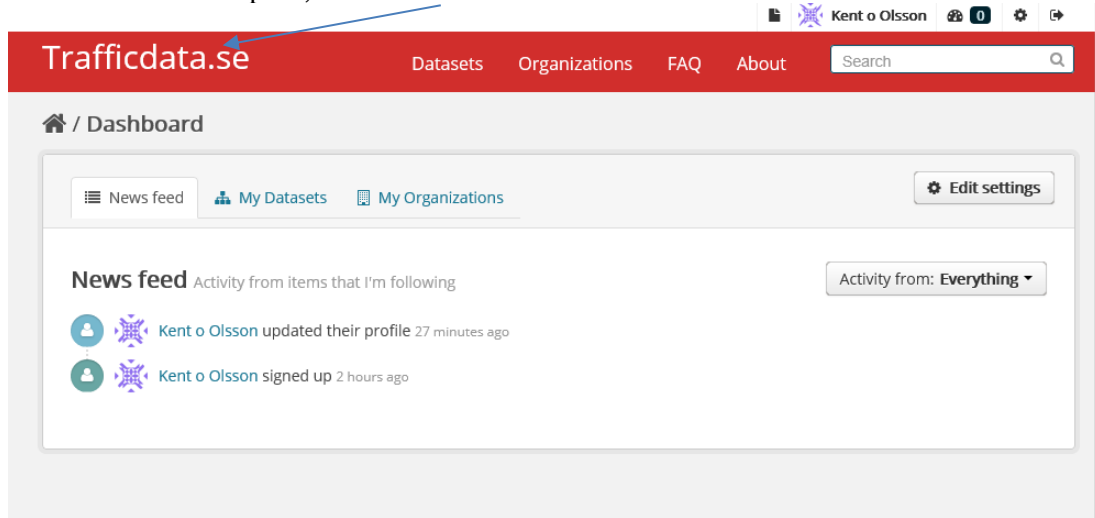
Username:

Password:

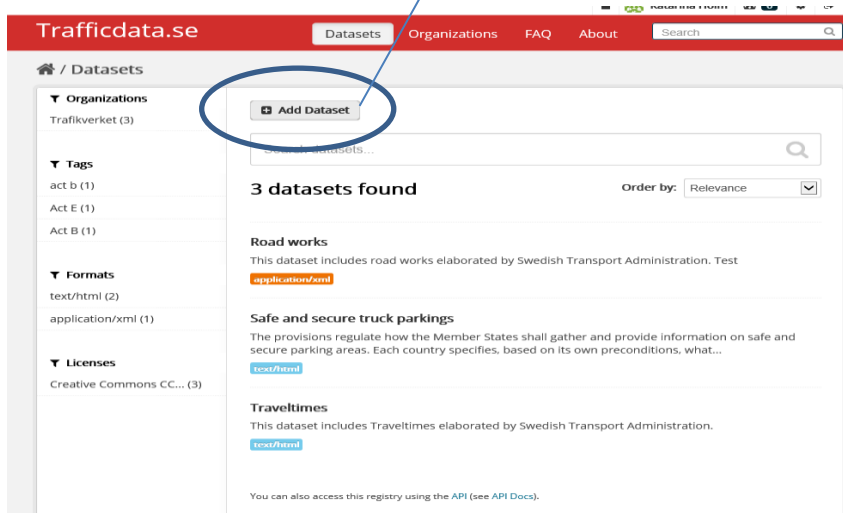
Remember me

[Login](#)

When this window opens, click on **Trafficdata.se**



Click on **Datasets** and then click on **Add Dataset** and fill in the form according to the instructions.



URL

If the URL is not automatically created, do this:

- This must be lowercase letters or numbers
- It must **not** contain any spaces
- It must **not** contain å, ä or ö
- The only permissible other character is underscore (_)

TITLE

Change the name of **your** dataset to the selected dataset. It's a good idea to use the names from the EU Acts (Annex)

URL

- The URL should be created automatically

DESCRIPTION

Free text, describe the dataset in English. Add the delivery format (e.g. Datex) last in the text.

TAGS

Searchable terms, any quantity. For example, which Act the data set belongs to

DATASET LANGUAGE

If necessary, also describe the dataset in Swedish. The dataset must then be added twice

UPDATE FREQUENCY

Choose between different refresh/update frequencies

PUBLISHER ORGANIZATIONS

The name of the organization that publishes the metadata.

VISIBILITY

You can select *Private* when working with data set and then change to *Public* when finished

Edit metadata
☰
View dataset

*** Title:** Real-time traffic data, Speed

*** URL:** `www.trafficdata.se/dataset/speed-trv-api` Edit

*** Description:** Real time traffic data from the Swedish Transport Administration, API

You can use [Markdown formatting](#) here

Tags: x API x Act B x speed

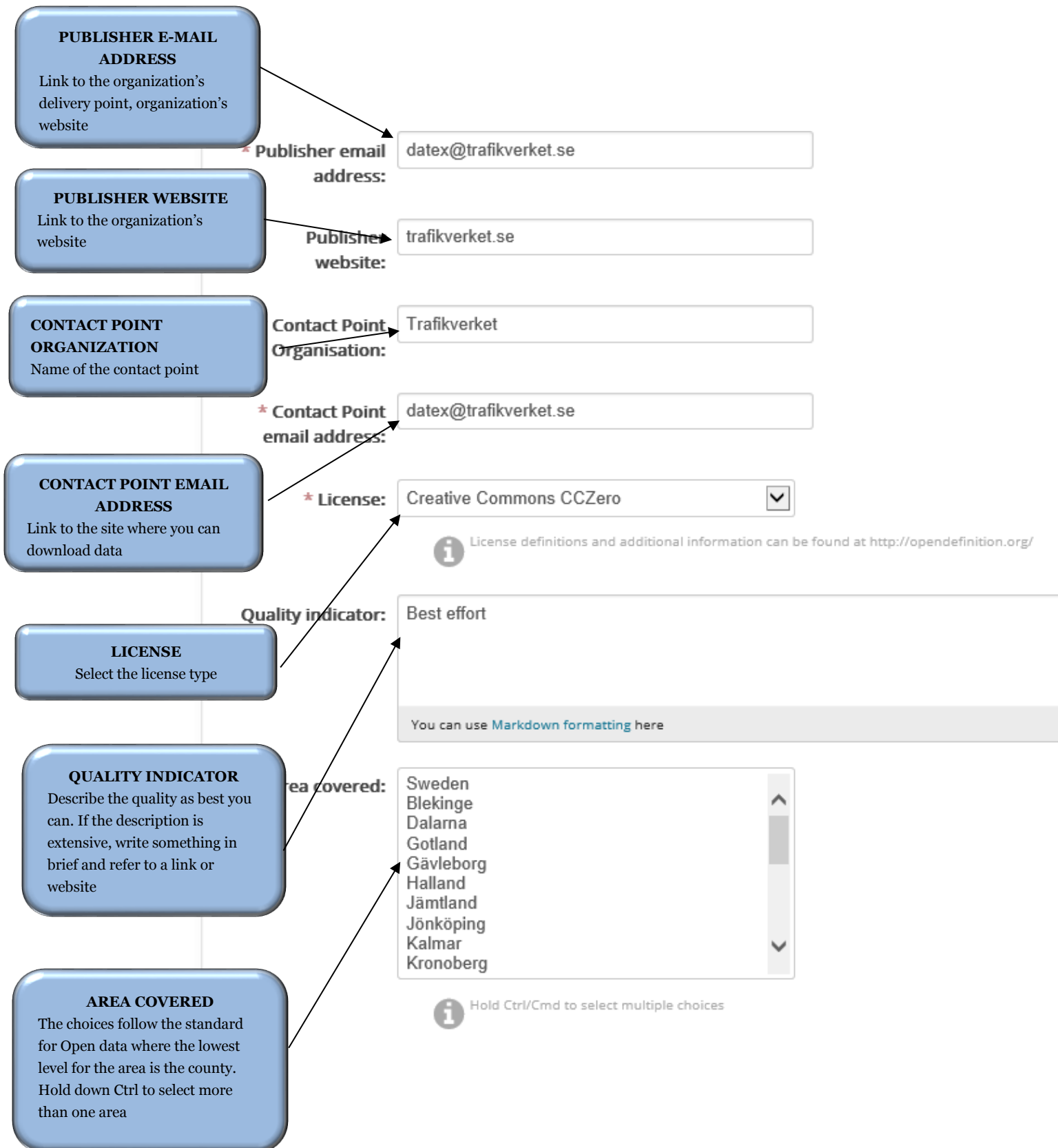
*** Dataset language:** English Swedish

Hold Ctrl/Cmd to select multiple choices

*** Update frequency:** On occurrence ▼

*** Publisher Organization:** Trafikverket ▼

Visibility: Public ▼



PUBLISHER E-MAIL ADDRESS
Link to the organization's delivery point, organization's website

PUBLISHER WEBSITE
Link to the organization's website

CONTACT POINT ORGANIZATION
Name of the contact point

CONTACT POINT EMAIL ADDRESS
Link to the site where you can download data

LICENSE
Select the license type

QUALITY INDICATOR
Describe the quality as best you can. If the description is extensive, write something in brief and refer to a link or website

AREA COVERED
The choices follow the standard for Open data where the lowest level for the area is the county. Hold down Ctrl to select more than one area

* Publisher email address:

Publisher website:

Contact Point Organisation:

* Contact Point email address:

* License:
i License definitions and additional information can be found at <http://opendefinition.org/>

Quality indicator:
You can use [Markdown formatting](#) here

Area covered:
i Hold Ctrl/Cmd to select multiple choices

Datasets
Organizations
FAQ
About

ROAD NETWORK CATEGORY

Motorways

Arterial roads: road nos. 4–99

Regional Roads, road nos. 100–499

Urban: generally urban roads and streets

Road Network Category:

Motorways

Arterial roads

Regional roads

Urban and local roads

Other

i Road network coverage of the data. Hold Ctrl/Cmd to select multiple choices

CONFORMS TO

Select the standard applicable

Conforms to: ▼

Conforms to (other):

CATEGORY

Select the category to which the dataset belongs. Press the + button and then, if one exists, the right subheading. If only the upper heading level is selected, the information already filled in about the dataset must apply for all subheadings

Conforms to: ▼

Category:

- + ■ Static road network data - Act B
- + ■ Traffic signs expressing traffic regulations and identifying dangers - Act B
- + ■ 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
- Traffic volume
- Speed
- Travel times
- locations of queues
- Traffic data at border crossings to third countries
- Expected delays
- Estimated travel times
- waiting time at border crossings to non-EU Member States
- + ■ Safety Related Traffic Information - Act C
- + ■ Truck Parking Information - Act E

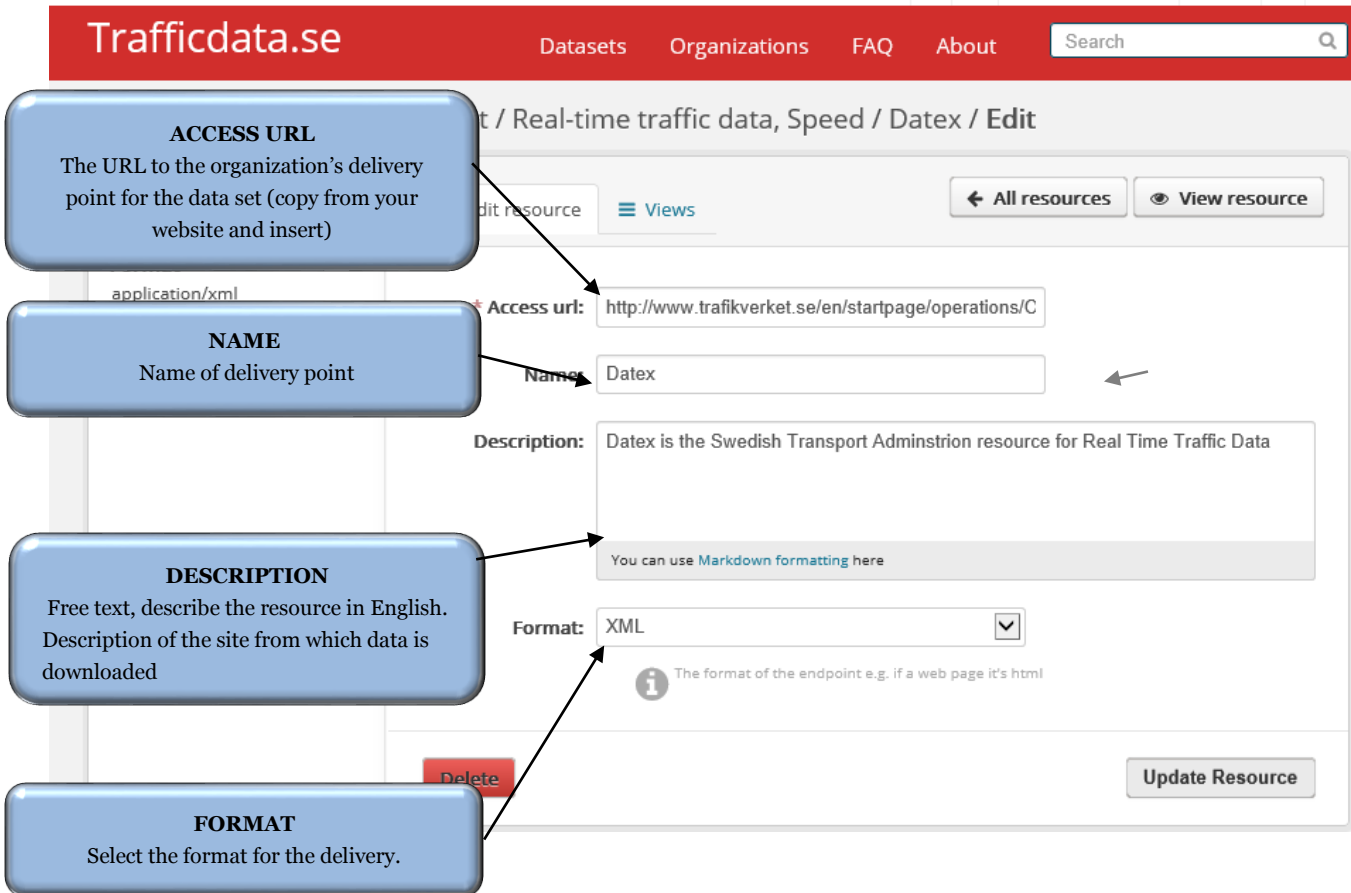
The *data license* you select above only applies to the contents of any resource files that you add to this dataset. By submitting this form, you agree to release the *metadata* values that you enter into the form under the [Open Database License](#).

Delete
* Required field
Update Dataset

Now the dataset is registered

You will now come to the **Resources** page

Fill this in



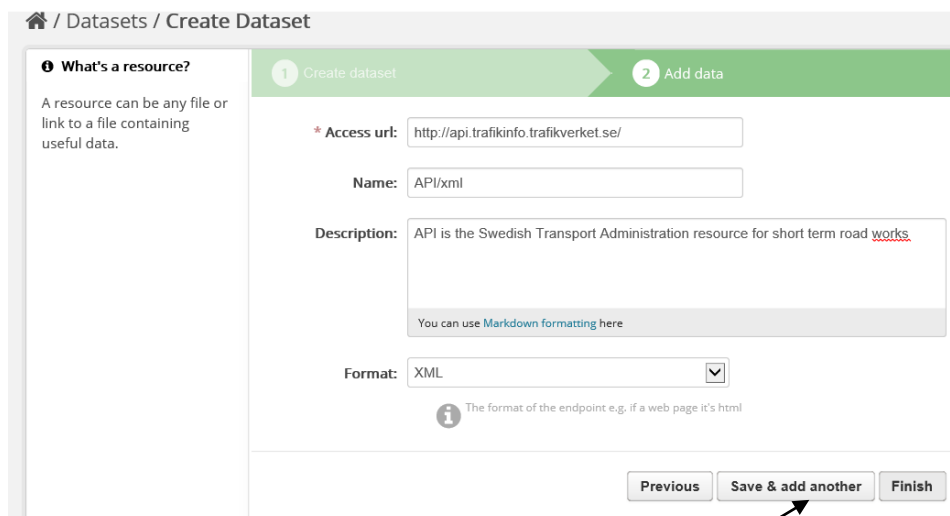
ACCESS URL
The URL to the organization's delivery point for the data set (copy from your website and insert)

NAME
Name of delivery point

DESCRIPTION
Free text, describe the resource in English. Description of the site from which data is downloaded

FORMAT
Select the format for the delivery.

The screenshot shows the 'Edit resource' page for 'Datex'. The 'Access url' field contains 'http://www.trafikverket.se/en/startpage/operations/C', the 'Name' field contains 'Datex', and the 'Format' dropdown is set to 'XML'. The 'Update Resource' button is visible at the bottom right.



SAVE & ADD ANOTHER
Select to be able to add more formats in the same resource

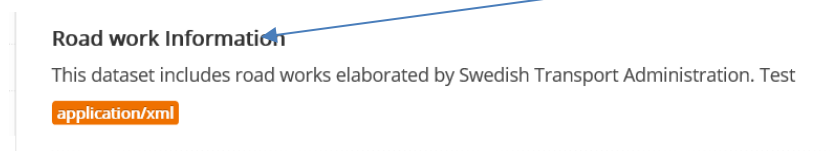
The screenshot shows the 'Create Dataset' page. The 'Access url' field contains 'http://api.trafikinfo.trafikverket.se/', the 'Name' field contains 'API/xml', and the 'Format' dropdown is set to 'XML'. The 'Save & add another' button is highlighted with an arrow from the callout box.

2.4 When something goes wrong or when you want to update (Edit) a dataset or a Resource.

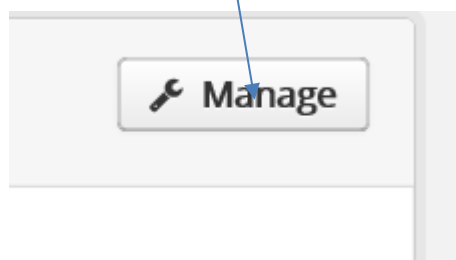
It is possible to amend and update datasets. Select **Datasets**



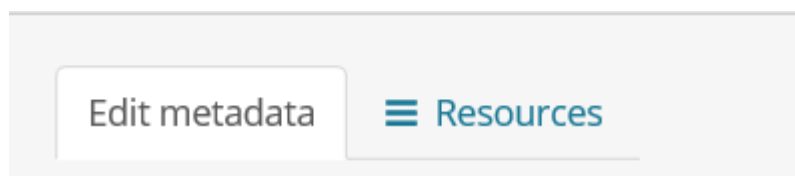
Select the dataset to be edited by clicking on the text e.g. **Road work information**



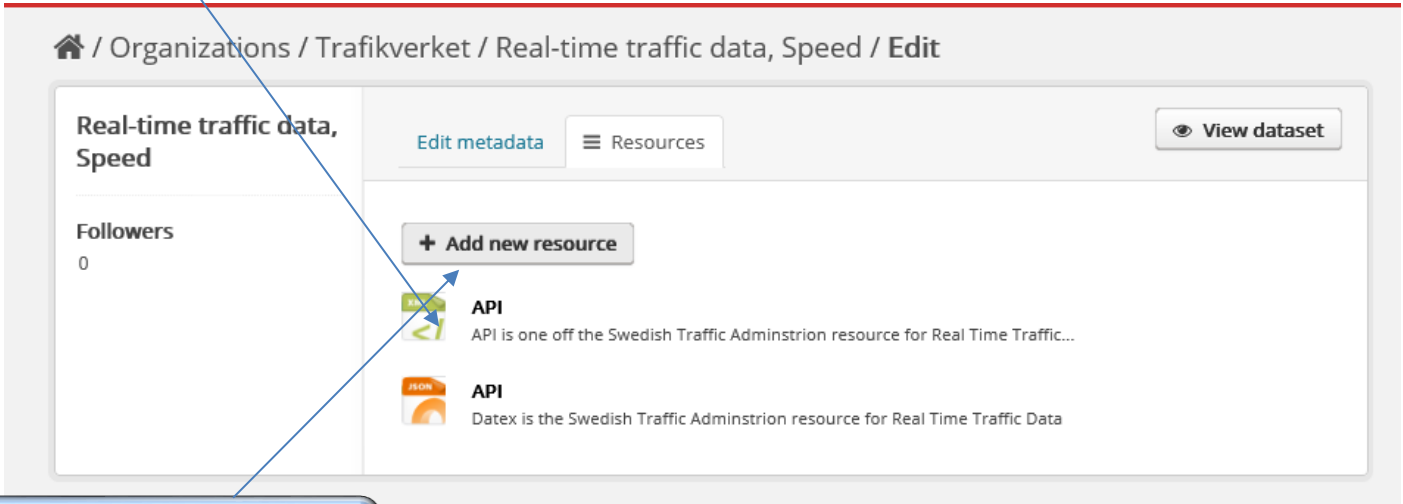
Then select **Manage**



You end up on the **Edit metadata** tab, make your changes and then save (**Update Dataset**), or select the **Resources** tab if you want to update the Resource or to add a new Resource



To update a resource select the resource



Home / Organizations / Trafikverket / Real-time traffic data, Speed / Edit

Real-time traffic data, Speed

Followers
0

Edit metadata Resources View dataset

+ Add new resource

API
API is one off the Swedish Traffic Administration resource for Real Time Traffic...

API
Datex is the Swedish Traffic Administration resource for Real Time Traffic Data

To add a new resource select **Add new resource**

3 Administrator

As an administrator you can:

- Add and remove members in your organization and change their permissions
- Delete and edit data sets

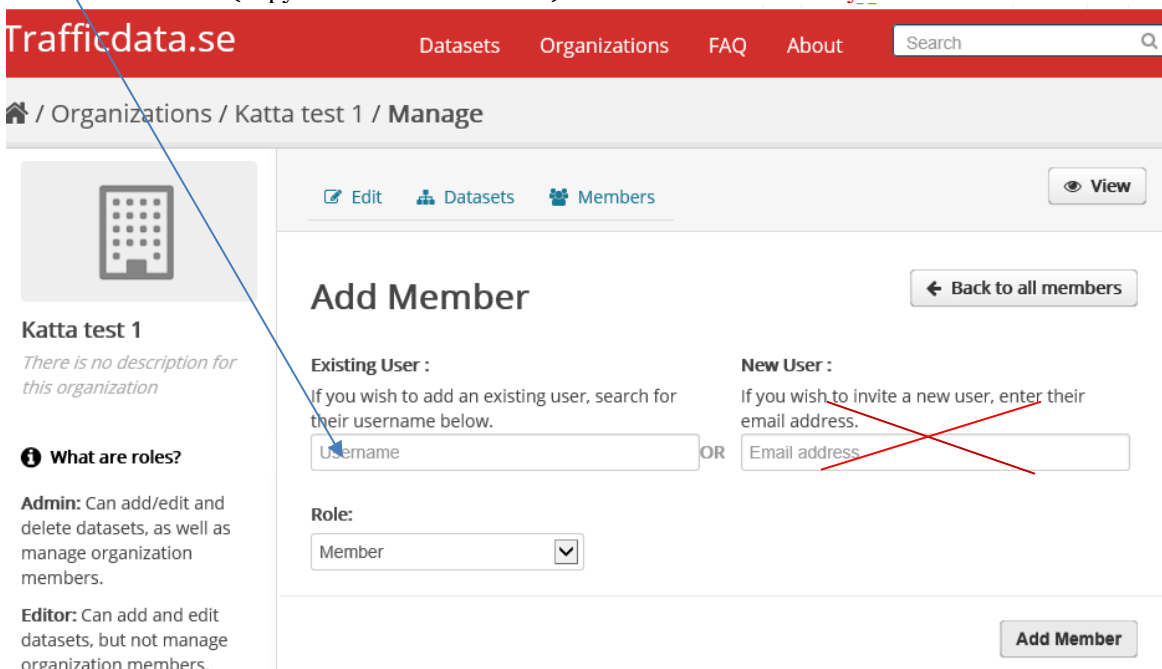
3.1 Add Member

3.1.1 MANAGE A REQUEST TO BECOME A MEMBER OF YOUR ORGANIZATION

When a request comes in, click on the link and follow the instructions.



Fill in **Username** (copy from the email above). **NOTE! Do not manually enter an email address.**



Trafficdata.se Datasets Organizations FAQ About Search

Home / Organizations / Katta test 1 / Manage

Katta test 1
 There is no description for this organization

What are roles?

Admin: Can add/edit and delete datasets, as well as manage organization members.

Editor: Can add and edit datasets, but not manage organization members.

Edit Datasets Members View

Add Member

← Back to all members

Existing User :
 If you wish to add an existing user, search for their username below.

Username OR Email address

New User :
 If you wish to invite a new user, enter their email address.

Role:

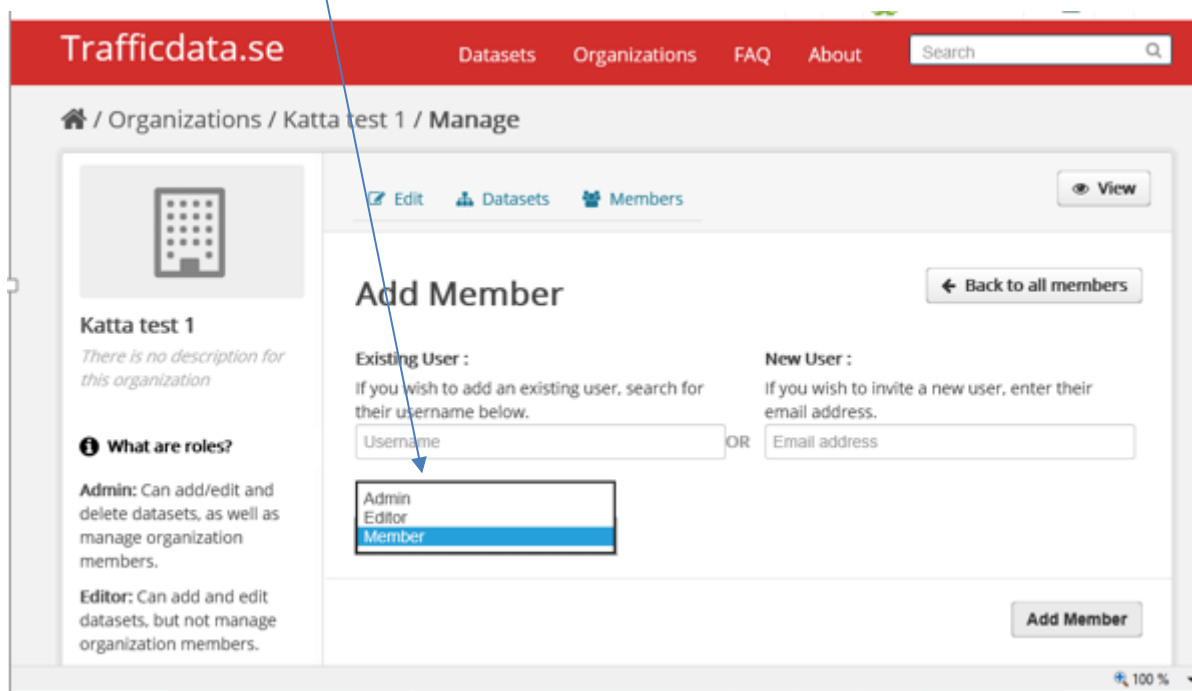
Add Member

Select the permissions level.

Admin: Can create and delete data sets and members.

Editor: Can edit and add datasets

Member: Can read private and public datasets



Notify the user who applied for membership that he/she has been given access to the organization.

3.1.2 IF YOU AS AN ADMINISTRATOR WANT TO ADD A USER (WHO HAS NOT SUBMITTED A REQUEST)

Select **Organizations**



The screenshot shows the Trafficdata.se website interface. The top navigation bar is red with white text for 'Trafficdata.se', 'Datasets', 'Organizations', 'FAQ', and 'A'. A blue arrow points from the text 'Select Organizations' to the 'Organizations' menu item. Below the navigation bar is a white content area with three images: a smiling driver, a road view, and a red truck. Below the images is a text block describing the portal's purpose and providing contact information.

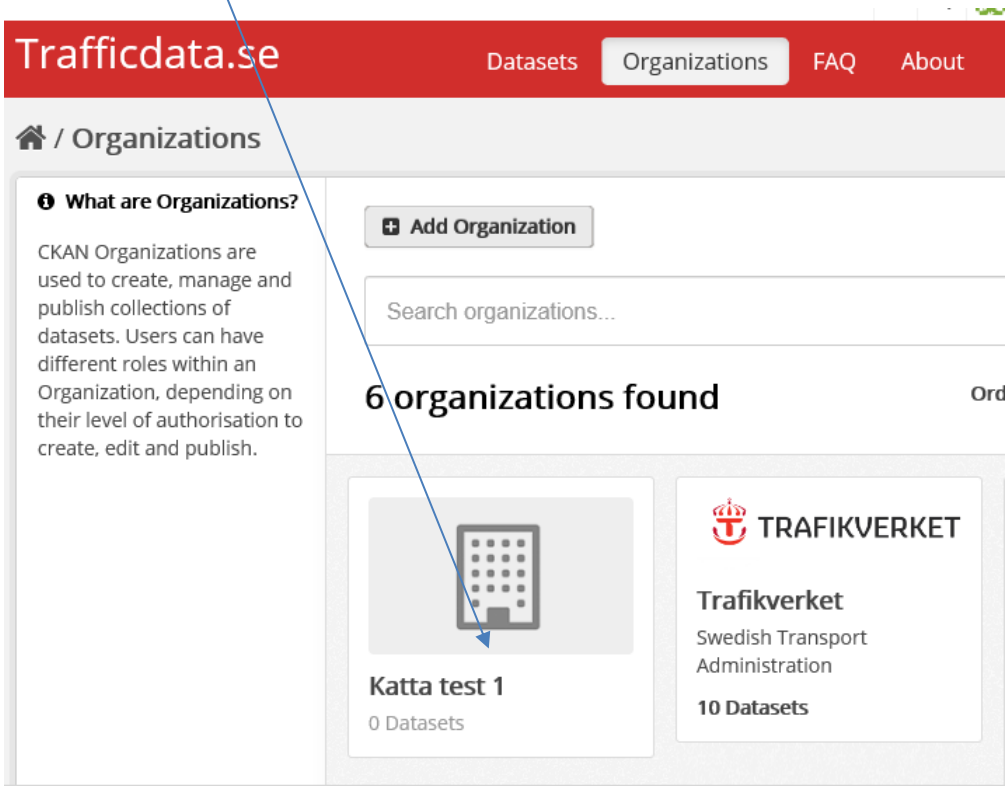
The portal Trafficdata.se is a national service in which we gather information on, and provide you with access to, traffic and road network data.

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.

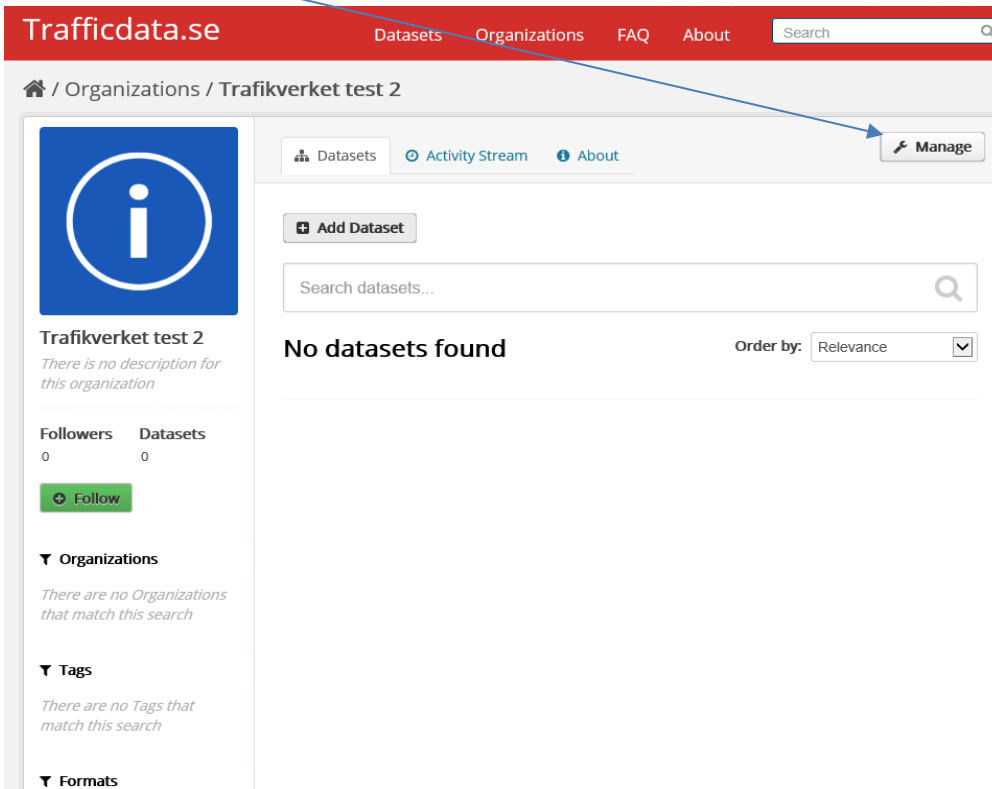
About Trafficdata.se supportinfo@trafficdata.se

Select ***your organization***



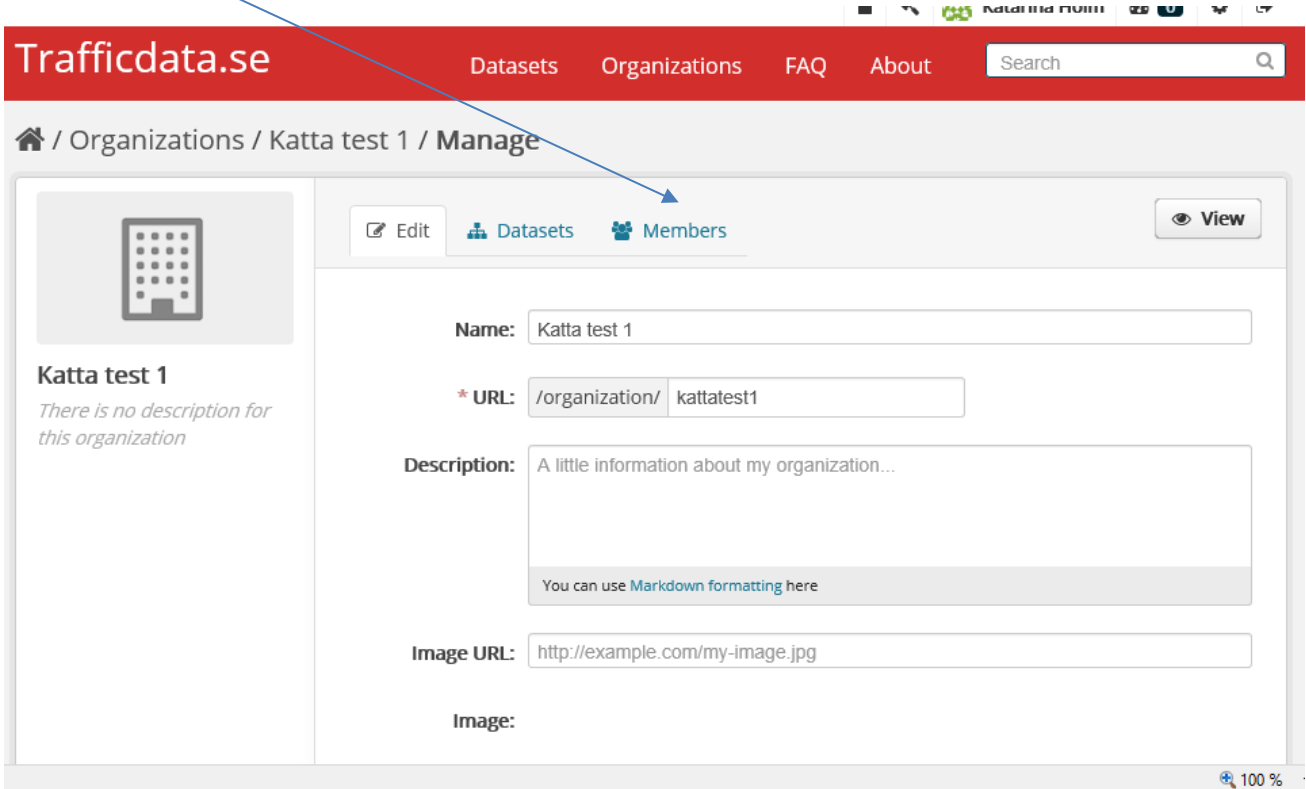
The screenshot shows the 'Organizations' page on Trafficdata.se. The navigation bar includes 'Datasets', 'Organizations' (selected), 'FAQ', and 'About'. The breadcrumb trail is 'Home / Organizations'. A sidebar on the left contains a help section titled 'What are Organizations?' explaining CKAN Organizations. The main content area features an 'Add Organization' button, a search bar, and a list of 6 organizations. The first organization shown is 'Katta test 1' with 0 datasets. The second organization is 'TRAFIKVERKET' (Swedish Transport Administration) with 10 datasets. A blue arrow points from the text 'Select your organization' to the 'Katta test 1' organization card.

Select ***Manage***



The screenshot shows the 'Datasets' page for the organization 'Trafikverket test 2' on Trafficdata.se. The navigation bar includes 'Datasets', 'Organizations', 'FAQ', 'About', and a search bar. The breadcrumb trail is 'Home / Organizations / Trafikverket test 2'. The page has tabs for 'Datasets', 'Activity Stream', and 'About'. A 'Manage' button is visible in the top right. The main content area features an 'Add Dataset' button, a search bar, and a message 'No datasets found'. The 'Order by' dropdown is set to 'Relevance'. The left sidebar shows the organization's profile, including a description, 0 followers, 0 datasets, and a 'Follow' button. Below the profile are sections for 'Organizations', 'Tags', and 'Formats', all showing 'There are no [item] that match this search'. A blue arrow points from the text 'Select Manage' to the 'Manage' button.

Select **Members**



Trafficdata.se Datasets Organizations FAQ About Search

Home / Organizations / Katta test 1 / Manage

Katta test 1
There is no description for this organization

Name:

* URL:

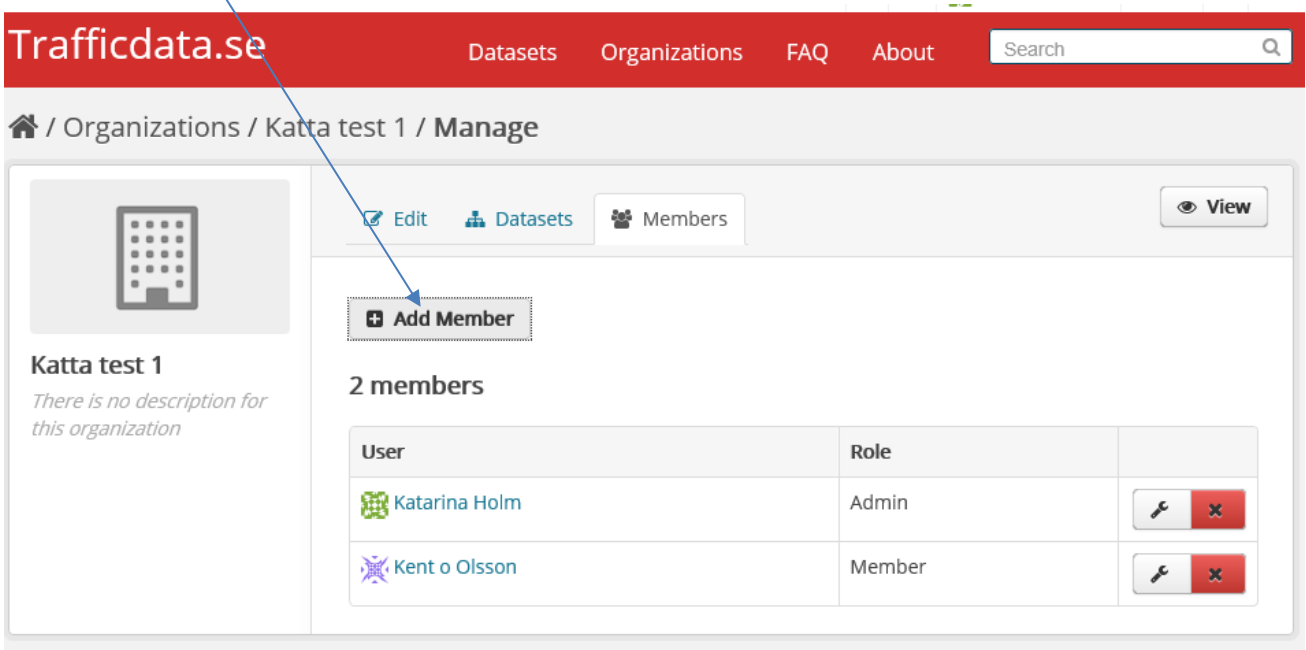
Description:
You can use [Markdown formatting](#) here

Image URL:

Image:

100 %

Select **Add Member**.



Trafficdata.se Datasets Organizations FAQ About Search

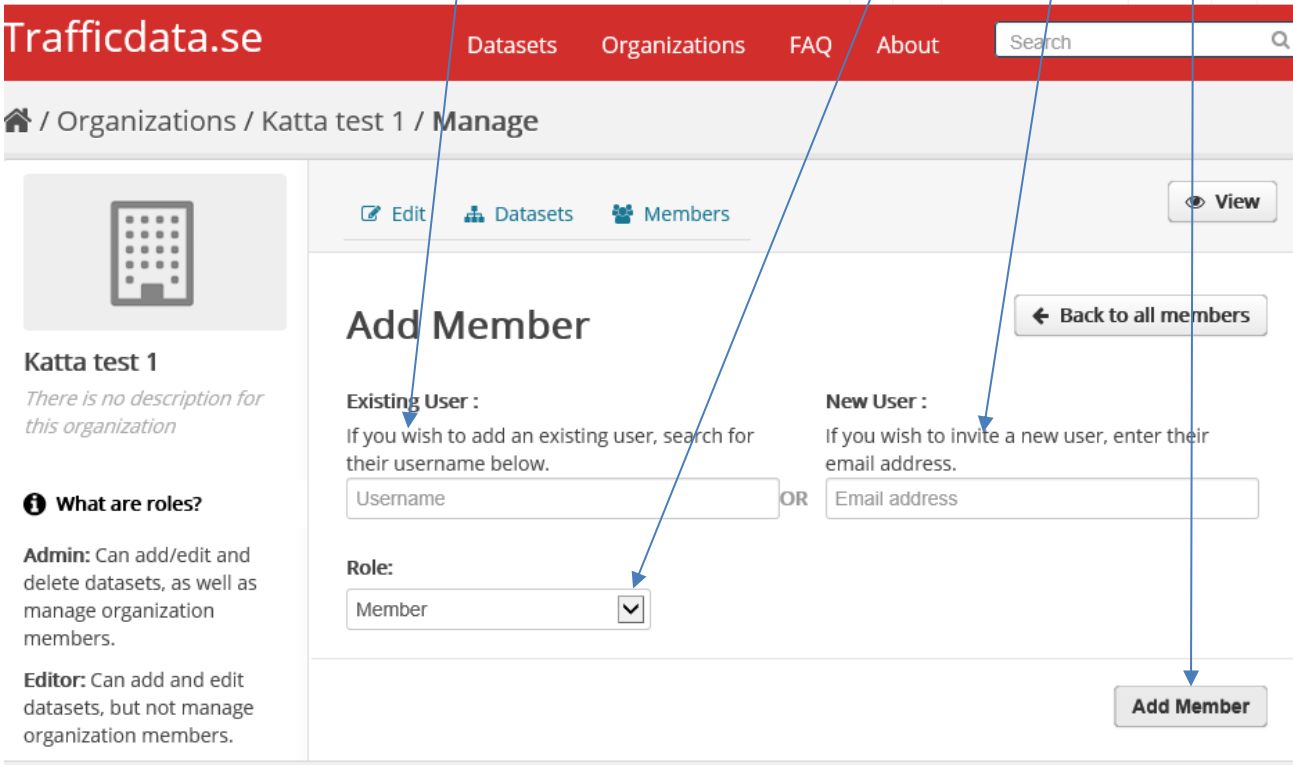
Home / Organizations / Katta test 1 / Manage

Katta test 1
There is no description for this organization

2 members

| User | Role | |
|---------------|--------|---|
| Katarina Holm | Admin | <input type="button" value="Edit"/> <input type="button" value="Remove"/> |
| Kent o Olsson | Member | <input type="button" value="Edit"/> <input type="button" value="Remove"/> |

If the person has an account, enter his/her **Username**. If the person does not have an account, enter his/her **Email Address**. This automatically generates a username. Also select the level of access under **Role**. Finish by clicking on **Add Member**



Trafficdata.se Datasets Organizations FAQ About Search

Organizations / Katta test 1 / Manage

Add Member

Existing User :
If you wish to add an existing user, search for their username below.
Username

New User :
If you wish to invite a new user, enter their email address.
Email address

Role:
Member

Back to all members

Add Member

An email from Trafficdata.se is automatically generated when you have created a new member (see below).

Dear kent-olsson-6103,

You have been invited to Trafficdata.se. A user has already been created to you with the username kent-olsson-6103. You can change it later.

To accept this invite, please reset your password at:

<https://www.trafficdata.se/user/reset/fb9be566-317d-4dca-a933-37443c5f9e40?key=d4af0f3372>

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Trafficdata.se (<https://www.trafficdata.se>)

Add a link to the logo or homepage – image URL. Svg format, jpg format, png and others all work.

4 Comments and suggestions

Do you have comments or suggestions for improvements to this Manual? Send them to

supportinfo@trafficdata.se