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## **1 Instructions on how to use the key management of Spatial data services**

### **1.1 General**

In the [key management of Spatial data services](#), you can manage the API keys of the organisation you represent. The keys are used for identification in the interfaces of Spatial data services.

The use of interface services requires private individuals to register on behalf of a company. Logging in takes place by acting on behalf of the company with a Suomi.fi e-Authorization.

API keys are valid for 12 months at a time, and a company may have up to 5 active API keys in use simultaneously.

The use of the following interfaces requires an API key:

- [Status of offshore wind power projects \(WMS interface\)](#)
- [Status of offshore wind power projects \(WFS interface\)](#)

## 2 Registering a new organisation

Suomi.fi e-Authorization enables individuals to act on behalf of a company in services that use Suomi.fi e-Authorizations to verify a person's right to act on behalf of a company.

More instructions on acting on behalf of an organisation are available via the links below:

[Suomi.fi e-Authorizations - Acting on behalf of an organisation](#)

[Granting mandates as an organisation](#)

[Making a mandate request as an organisation](#)

[Using a mandate given in Suomi.fi e-Authorizations](#)

When registering an organisation, you will receive a confirmation email including an activation code for the key management of Spatial data services:

*Confirmation email on the registration of a new organisation for the application Key management of Spatial data services. Your activation code for registering the organisation for key management: 012345*

Once the registration of your organisation has been approved, an approval message will be sent to the email address provided:

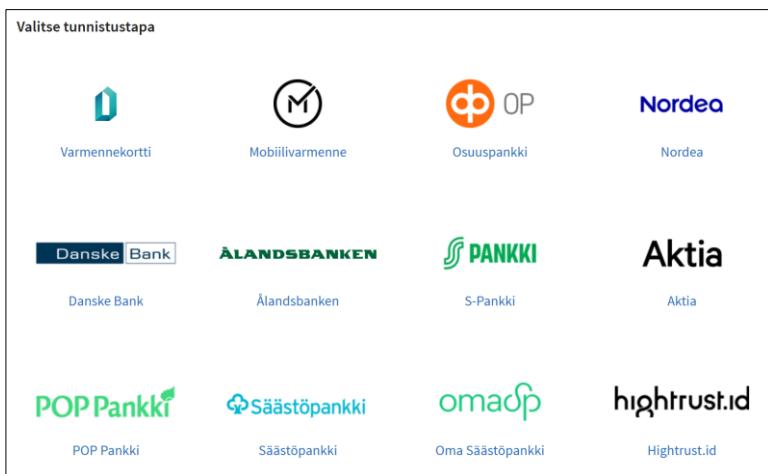
*The registration of your organisation (business ID 123456-1) to the application Key management of Spatial data services has been accepted. You can now log in to the key management service and use it on behalf of your organisation.*

## 3 Logging in to the key management of Spatial data services

Using the service requires strong identification in the Suomi.fi service, where you can select the identification method you prefer. Go to Suomi.fi e-Identification and log in as a representative of your organisation.

→ [Log in to key management of Spatial data services](#)

### 3.1 Identification via Suomi.fi



Select the identification method you prefer and continue to the service.

### 3.2 Acting on behalf of a company

Select the company, association or other organisation you wish to represent. You can filter the list of options available by searching with a name or other identifier.

Select the company from the list and go to the e-service.

Asioi yrityksen puolesta	
Valitse yritys, yhdistys tai muu yhteisö, jonka puolesta haluat asioida	
<input type="text" value="Rajaa nimellä tai tunnisteella"/> <input type="button" value="Haku"/>	
6 yritystä, 0 valittu	
Nimi	Tunniste
<input type="radio"/> Oy Firma Ab	7769480-5
<input type="radio"/> Oy Firma1 Ab	7013745-9
<input type="radio"/> Oy Firma2 Ab	7769182-3
<input type="radio"/> Oy Firma3 Ab	7769482-1

Valitut yritykset, yhdistykset tai muut yhteisöt	
Oy Firma Ab	
<input type="button" value="Valitse ja siirry asointipalveluun"/>	<input type="button" value="Keskeytä"/>

### 3.3 Organisation details

This view includes a list of all the valid keys held by the organisation and details on their validity and purpose of use. Expired keys are also listed on the page.

In the key management service, you can edit the email address of your organisation, create a new API key, remove a valid API key and edit the purpose of use of a key. If your organisation is already using the maximum number of 5 valid keys, one of the existing keys must be removed before creating a new one. The change of an email address is confirmed by sending a confirmation code to the email address provided. The code must be then entered in the system.

[Organisaation tiedot](#)

Organisaation nimi	Oy Firma Ab
Sähköpostiosoitte	testikäyttäjä@trafigcom.fi

[Muuta sähköpostiosoitetta >](#)

[Voimassa olevat avaimet](#)

Avain	Voimassaoloaika	Käyttötarkoitus	Muokkaa
0148147... →	18.11.2024 - 18.11.2025	TESTc	<a href="#">Muokkaa →</a>
A3E75D6... →	6.11.2024 - 6.11.2025	Olispa kaapeleita ja johtoja ja syvysmalleja	<a href="#">Muokkaa →</a>
6B8F9D5... →	24.10.2024 - 24.10.2025	Testivain	<a href="#">Muokkaa →</a>

## 4 Connecting to interfaces

To connect to interfaces, use the GIS tool and a valid API key.

Add a layer → WMS

<https://ptpkartat.trafigcom.fi/inspirepalvelu/merituulivoimapuistosuunnitelmat/wms?request=getcapabilities> or WFS

<https://ptpkartat.trafigcom.fi/inspirepalvelu/merituulivoimapuistosuunnitelmat/wfs?request=getcapabilities> → New → Name the layer as you wish → Enter the interface address in the URL field → Authentication → On the Basic tab, add the API key in the field User name → OK.

Modify WFS Connection

**Connection Details**

Name	Merituulivoimapuistot WFS
URL	<a href="https://ptpkartat.trafigom.fi/inspirepalvelu/merituulivoimapuistosuunnitelmat/wfs?request=getcapabilities">https://ptpkartat.trafigom.fi/inspirepalvelu/merituulivoimapuistosuunnitelmat/wfs?request=getcapabilities</a>

**Authentication**

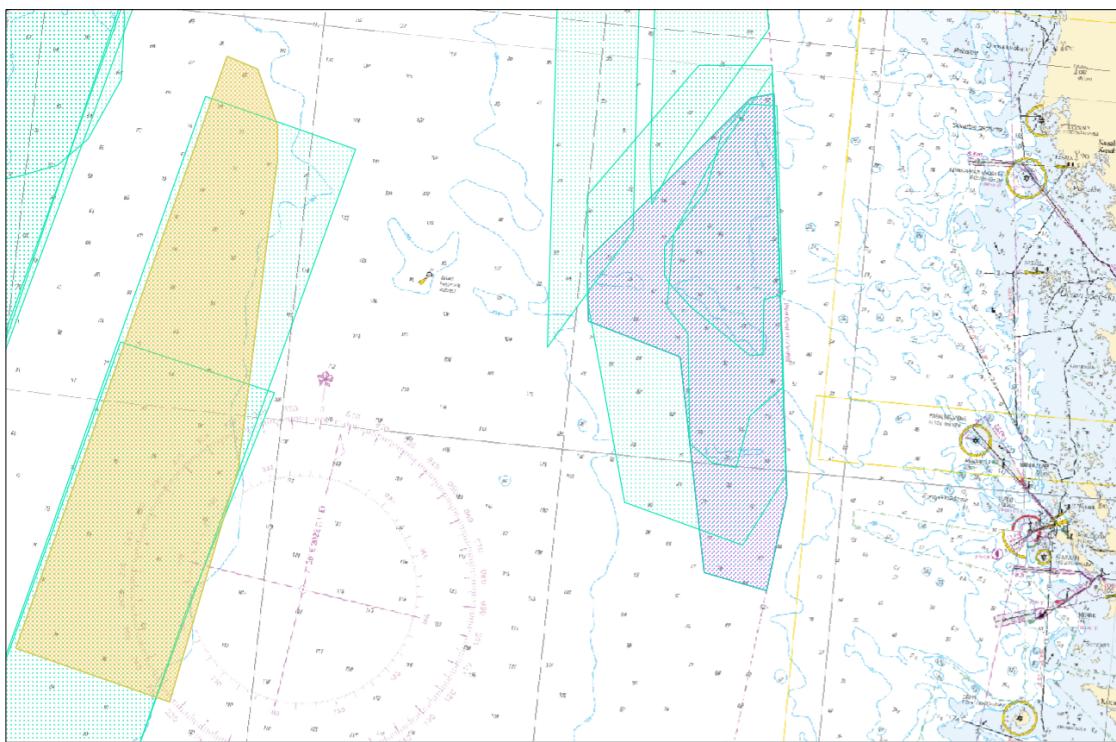
Configurations	Basic
User name	<input type="text"/>
Password	<input type="password"/> Optional 
 Warning: credentials stored as plain text in project file.	
<input type="button" value="Convert to configuration"/>	

**WFS Options**

Version	<input type="button" value="Maximum"/> <input type="button" value="Detect"/>
Max. number of features	<input type="text"/>
<input checked="" type="checkbox"/> Enable feature paging	
<input type="text"/> Page size	
<input type="checkbox"/> Ignore axis orientation (WFS 1.1/WFS 2.0)	
<input type="checkbox"/> Invert axis orientation	
<input type="checkbox"/> Use GML2 encoding for transactions	



Title	Name	Abstract	Sql
Talousvyöhykkeen merituulivoima-alueet	merituulivoimapuistosuunnitelmat:talousvyohykkene_merituulivoima_alueet		
Voimassa olevat hyödyntämisluvat	merituulivoimapuistosuunnitelmat:voimassa_olevat_hyodyntamisluvat		
Voimassa olevat tutkimusluvat	merituulivoimapuistosuunnitelmat:voimassa_olevat_tutkimusluvat		



The map layer on offshore wind farm plans is also available in Traficom's Download and View Service Oskari: <https://julkainen.trafigom.fi/oskari/>

Enquiries: [copyright@trafigom.fi](mailto:copyright@trafigom.fi)