

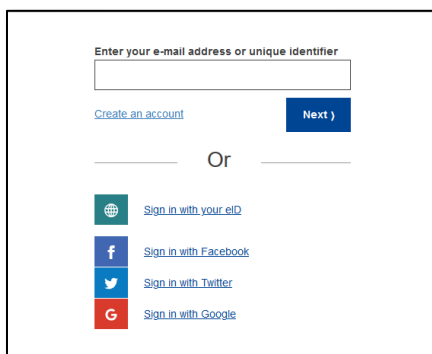
How to authenticate with EU Login

EU Login is the entry gate to sign in to different European Commission services and/or other systems. EU Login verifies your identity and allows recovering your personal settings, history and access rights in a secure way. You can sign in using social media accounts or the EU Login account.

Sign in using social media or electronic ID (eID) without an EU Login account

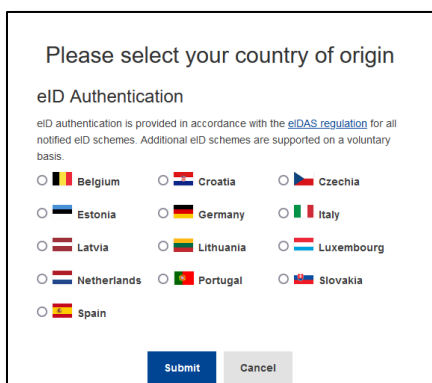
Signing in with social media and electronic ID (eID) is only available for a limited number of services.

It does not require creating an EU Login account.



The screenshot shows the EU Login main page. At the top, there is a text input field labeled "Enter your e-mail address or unique identifier" with a "Next)" button to its right. Below the input field is a link "Create an account". In the center, there is a horizontal line with the word "Or" in the middle. Below this line are five sign-in options, each with a small icon and a text label: "Sign in with your eID" (globe icon), "Sign in with Facebook" (Facebook 'f' icon), "Sign in with Twitter" (Twitter bird icon), and "Sign in with Google" (Google 'G' icon).

When social media sign in is available, the different options are displayed on the **EU Login main page**. In the example on the left, signing in using Facebook, Twitter and Google is allowed. Additionally, you can use an electronic ID (eID).



The screenshot shows the "eID Authentication" page. At the top, it says "Please select your country of origin". Below this is the heading "eID Authentication" and a paragraph: "eID authentication is provided in accordance with the [eIDAS regulation](#) for all notified eID schemes. Additional eID schemes are supported on a voluntary basis." Below this text is a grid of radio buttons next to country names and their flags: Belgium, Estonia, Latvia, Netherlands, Spain, Croatia, Germany, Lithuania, Portugal, Slovakia, and Czechia. At the bottom of the page are two buttons: "Submit" and "Cancel".

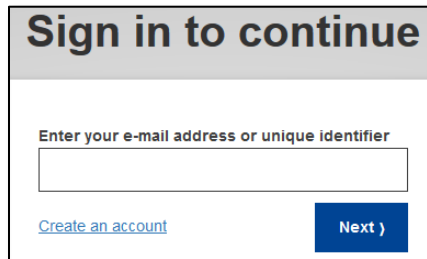
After selecting the social media you want to use, you will be sent to the corresponding web site where you authenticate as usual. Some social media may request your consent to send data to EU Login. The following elements are collected: first name, last name and e-mail address. Once authenticated, you are redirected back to the European Commission service you requested to use.

If you choose the eID, you will need to select the country of origin i.e. the one that issued the eID. Then you will be taken to the chosen country's specific eID authentication page.

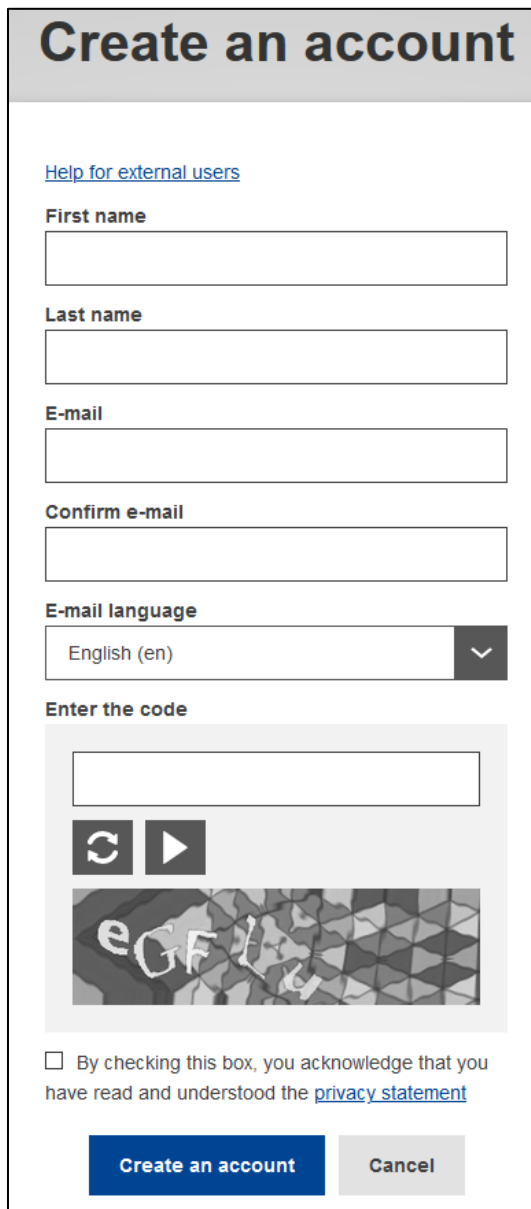
Create an EU Login account

You can create an **EU Login account** using the self-registration page.

Please note that active members of EU staff do not need to create an account.



The form titled "Sign in to continue" has a header with the same text. Below the header is a text input field with the placeholder "Enter your e-mail address or unique identifier". At the bottom left, there is a blue link "Create an account". At the bottom right, there is a blue button labeled "Next >".



The form titled "Create an account" has a header with the same text. Below the header is a blue link "Help for external users". The form contains several input fields: "First name", "Last name", "E-mail", and "Confirm e-mail". Below these is a dropdown menu for "E-mail language" with "English (en)" selected. Underneath is a section "Enter the code" with a text input field, a refresh button (circular arrow), and a play button (right-pointing triangle). Below the input field is a CAPTCHA image showing the letters "eGF1L" on a geometric background. At the bottom, there is a checkbox with the text "By checking this box, you acknowledge that you have read and understood the [privacy statement](#)". At the very bottom are two buttons: "Create an account" (blue) and "Cancel" (grey).

Go to the page

<https://webgate.ec.europa.eu/cas/login> and click on the "**Create an account**" link on the EU Login main page.

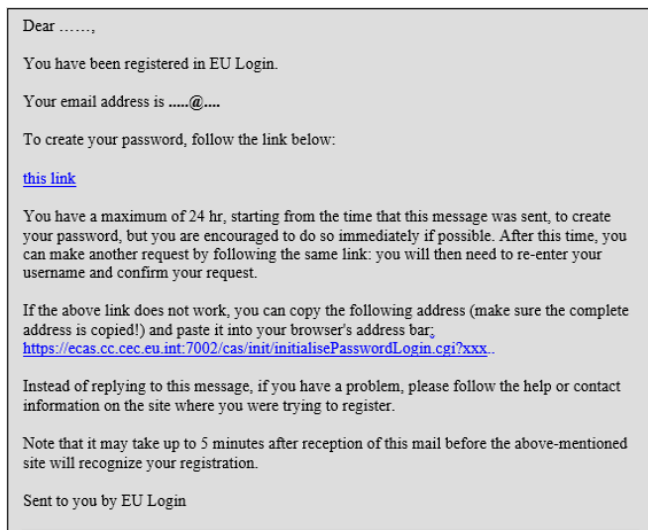
There is no need to fill in the "e-mail address/unique identifier" field.

Fill in the provided form with your personal details:

- **First name** – Your first name cannot be empty and can contain letters in any alphabet;
- **Last name** – Your last name cannot be empty and can contain letters in any alphabet;
- **E-mail** – An e-mail address that you have access to;
- **Confirm e-mail** – Type your e-mail address again to make sure it is correct;
- **E-mail language** – The language used when EU Login sends you e-mails regardless of the language used in the interface. It guarantees that you can understand these e-mails even if they were triggered mistakenly. EU Login only sends you e-mails for validating your identity or for notifying you about security events affecting your account;
- **Enter the code** – By entering the letter and numbers in the picture, you demonstrate that you are a human being who is legitimately creating an account. If the code is too difficult to read, click on the button with two arrows to generate a new one;
- Check the **privacy statement** by clicking on the link and tick the box to accept the conditions;
- Click on "**Create an account**" to proceed.

If the form is correctly completed, an e-mail is sent to the address you provided to verify that you have access to it.

Therefore, you should **receive an e-mail** in your mailbox.
If you cannot find the e-mail, check your spam or junk folder.



Click the link in the e-mail or copy/paste it in the address bar of your browser.

You are invited to **select a password** and to **confirm** it to make sure you did not mistype it.

The E-mail field is prefilled and cannot be changed.
It should contain the e-mail address you provided previously.

New password

Please choose your new password.

n...
(External)

New password

Confirm new password

Submit

Passwords cannot include your username and must contain at least 8 characters chosen from at least three of the following four character groups (white space permitted):

- Upper Case: A to Z
- Lower Case: a to z
- Numeric: 0 to 9
- Special Characters: !"#%&'()*+,-./:;<=>?@[\\`_{}~

Examples: SEN5RbaW GwOzMg9m U(nuCuwh

[\[Generate other sample passwords\]](#)

Type the password you want to use in the "New password" field.

It must contain at least 10 characters and a combination of:

- uppercase letters,
- lowercase letters,
- numbers,
- special characters.

Select a password as long and as complex as you can to make your account more secure, but keep in mind that you will have to remember it.

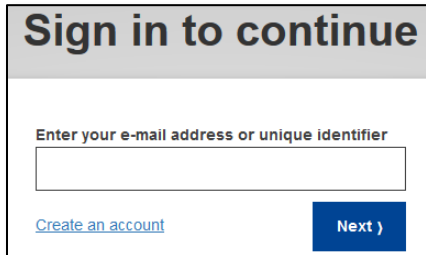
The new password is checked against a list of previously leaked passwords. If your password is on this list, you will see the following message: **Your new password cannot be used because it is in a public database with insecure passwords. It could be used to take over your account. Please choose a different password.**

Type your password again in the "Confirm new password" and click on "**Submit**".

You are now authenticated and can proceed to the service you want to use.
Click on "**Proceed**" to do so.

Sign in with an EU Login account

Once your EU Login account has been created, you can use it to access a multitude of services. While accessing these services, the EU Login screen will appear when authentication is required.



Enter the e-mail address you provided when creating your EU Login account in the "Enter Use your e-mail address" field and click on "**Next**".

Warning: If you enter an incorrect e-mail address, you will be redirected to the 'Create EU Login account' page.

Your e-mail address will be remembered automatically, so that you can skip this step next time you use the same browser on the same PC.

Choose your verification method

EU Login supports a variety of verification methods. Using a password is the simplest one. Other verification methods involve using additional devices that can provide more security.

Several verification methods require using the EU Login Mobile App. The EU Login Mobile App is an application that you can install on your mobile device from the Google Play Store (Android) or the App Store (iOS). You first need to initialise the application. Using the EU Login Mobile App in combination with the password provides additional security.

Please note that some verification methods might not be available while accessing some specific services.



Password – You can simply use a password, which will be in most cases considered as sufficient. However, some services may require stronger verification, in which case this option will not be available.



EU Login Mobile App PIN code – If the mobile device where your EU Login Mobile App is installed has internet connectivity then you can use the "EU Login Mobile App PIN Code" verification method. You will have to enter a 4-digits PIN code into the EU Login Mobile App to connect to EU Login. This is the PIN code that you have chosen while registering your mobile device into EU Login.



EU Login Mobile App QR code – If the mobile device where your EU Login Mobile App is installed does not have internet connectivity then you can use the "EU Login Mobile App QR Code" verification method. You will need to scan a QR code using the EU Login Mobile App to get a one-time-password, which you then introduce while connecting from your PC.



On mobile authentication – If you are navigating on the same mobile device as the one where the EU Login Mobile App is installed, you can use the "On Mobile" verification method. To connect to EU Login, the EU Login Mobile App is smoothly triggered and you will have to enter a 4-digit PIN code. This is the PIN code that you have chosen while registering your mobile device into EU Login. Alternatively, if your device allows it, you can authenticate using biometric tools.



Mobile phone + SMS – Your mobile phone allows you to connect to EU Login by receiving an SMS, if your number is registered in your EU Login account. In some countries, you might not receive the SMS and should rather use another verification method.



Token – A token is a small device that looks like a calculator and generates one-time passwords synchronised with the European Commission's servers. Tokens can be obtained by European Commission staff only.



Token CRAM – The token CRAM (Challenge Response Authentication Method) is a special kind of token that has the capability to sign transactions, like tokens used for e-banking. They can only be obtained by users from specific EC services.

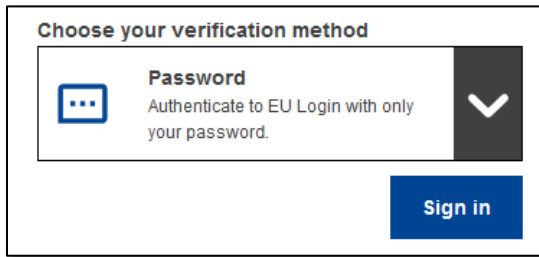


eID Authentication – This method allows you to authenticate using your national electronic ID (eID).



Security Keys (SK) and Trusted Platforms (TP) – A security key is a small physical device that looks like a USB thumb drive and works in addition to your password. Trusted Platform Module (TPM) technology is designed to provide hardware-based, security-related functions.

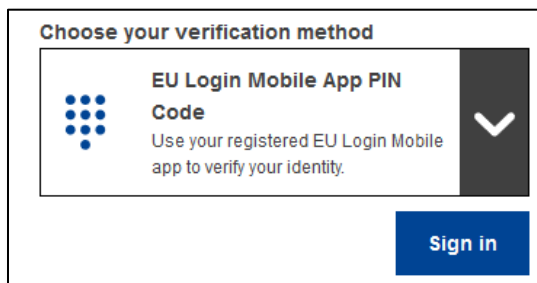
Sign in with an EU Login account using a password



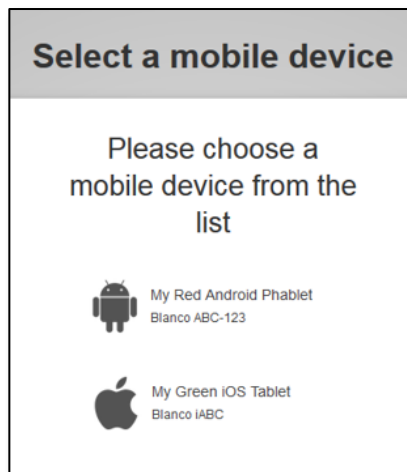
Select **"Password"** as the verification method, **enter your password** in the "Password" field and click on **"Sign in"** to proceed to the service you requested to use.

Sign in with an EU Login account using the EU Login Mobile App PIN code

Sign in with Mobile App as of version 1.10



Select **"EU Login Mobile App PIN Code"** as the verification method, **enter your password** in the "Password" field and click on **"Sign in"**.



If you have more than one device with an initialised EU Login Mobile App, you will be prompted to select the one you would like to use.

This screen does not appear if you have only initialised one device.

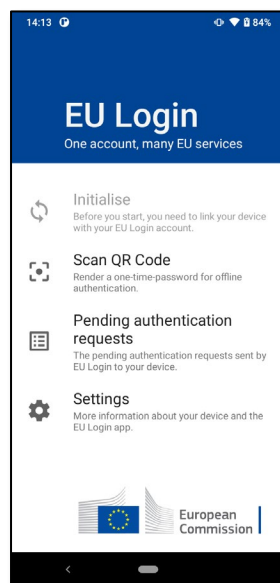
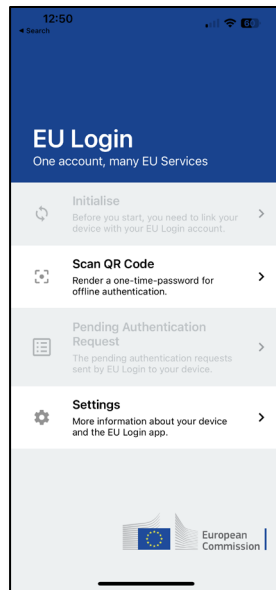
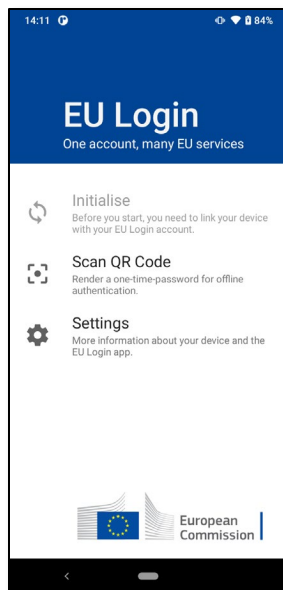
Click on the desired **device**.

Awaiting confirmation of device

We have sent a request to your mobile device.

1. Open the EU Login Mobile App.
Wait for the app to display pending authentication requests.
2. Press Continue.
3. Confirm using your PIN code or use biometric authentication.

In earlier versions of the app, step 1 can be done by accepting the notification.



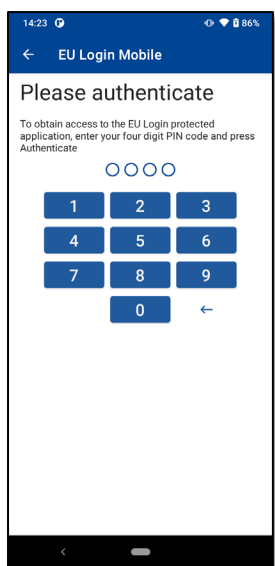
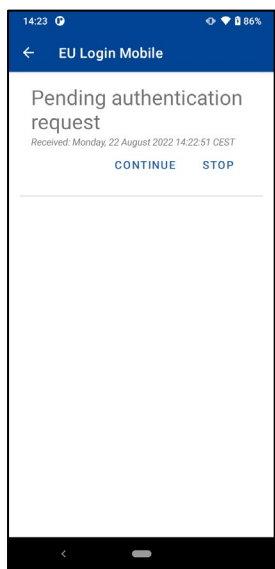
EU Login advises you to open the EU Login Mobile App.

Open the **EU Login Mobile App** and wait for the app to display the Pending authentication requests menu (in case of Android) or to enable it (in case of iOS).

Newer versions of the app may directly show you the list of Pending Authentication Requests.

Tap on **“Pending authentication requests”**.

Newer versions of the app may directly show you the list of Pending Authentication Requests.

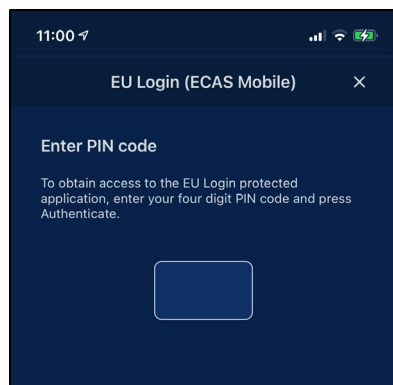
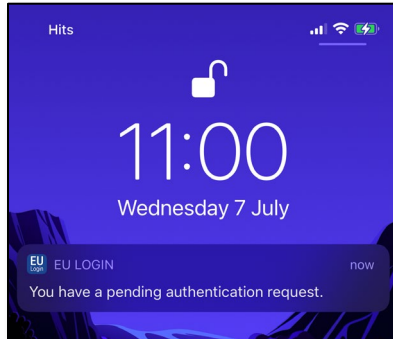
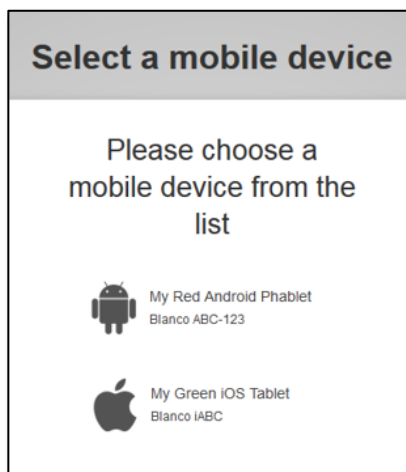
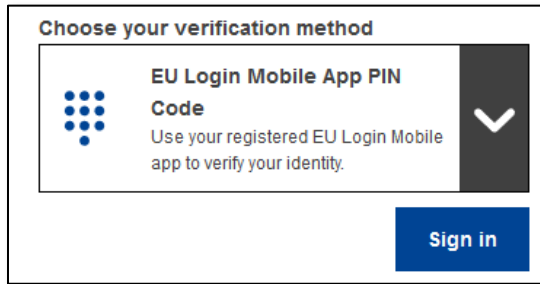


If you launched the request, press **“CONTINUE”**.

Enter your PIN code or use biometric authentication if it was configured on your mobile device.

This automatically completes the process on your PC that proceeds to the service you requested to use.

Sign in with Mobile App version 1.9 or older



Select **"EU Login Mobile App PIN Code"** as the verification method, **enter your password** in the "Password" field and click on **"Sign in"**.

If you have more than one device with an initialised EU Login Mobile App, you will be prompted to select the one you would like to use.

This left screen does not display if you have only initialised one device.

Click on **the device** using the name you provided.

EU Login sends a **notification** to your mobile device.

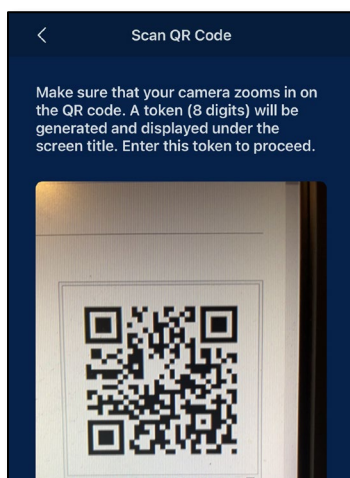
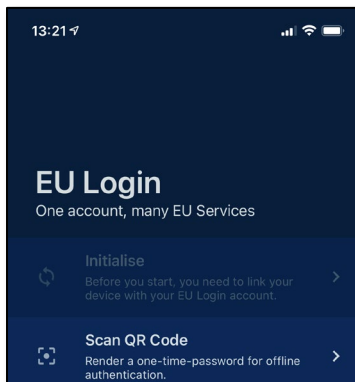
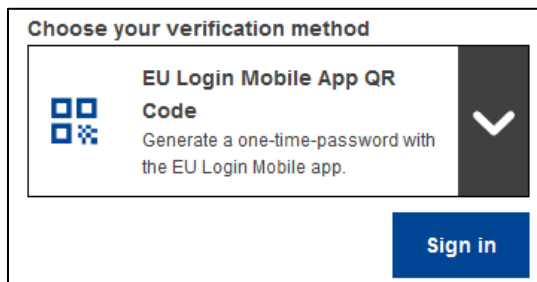
Tapping on the notification triggers the launch of the EU Login Mobile App.

The EU Login Mobile App prompts you to enter your PIN code.

Enter your PIN code or use biometric recognition and tap on **"Authenticate"**.

This automatically completes the process on your PC that proceeds to the service you requested to use.

Sign in with an EU Login account using the EU Login Mobile App QR code



Select **"EU Login Mobile App QR Code"** as the verification method.

Enter your password in the "Password" field and click on **"Sign in"**.

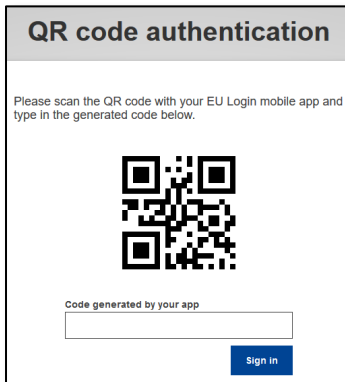
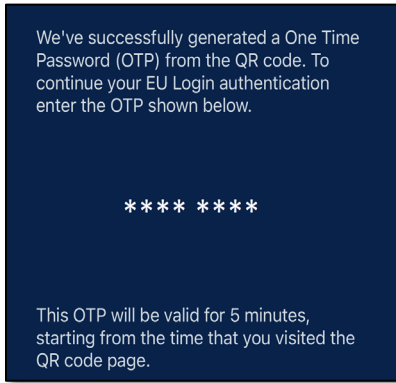
A QR code is displayed.

Start the **EU Login Mobile App** on a mobile device where it has been previously initialised.

Tap on **"Scan QR Code"**.

The QR code scanner starts on your mobile device.

Point the camera of your mobile phone to your PC screen until the QR code is recognised.

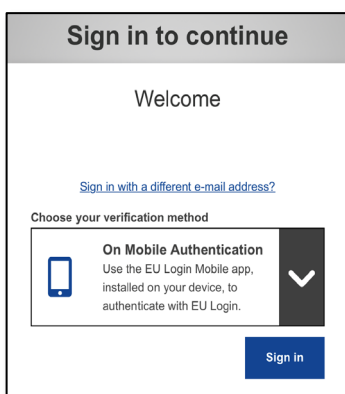


The EU Login Mobile App displays a **one-time password** composed of digits and characters.

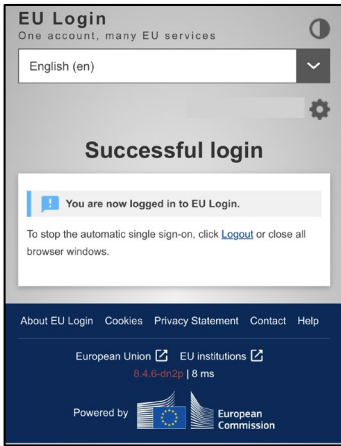
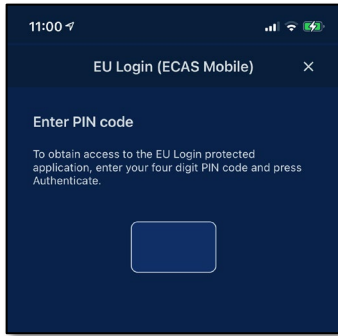
Type the one-time password in the "code generated by your app" field and click "**Sign in**" to proceed to the service you requested to use.

Sign in with an EU Login account using On Mobile authentication

The "On Mobile" verification method is only available when browsing on a mobile device and should only be used if an EU Login Mobile App has been previously installed and initialised on that device.



Select "On Mobile Authentication" as the verification method and tap on "**Sign in**".



The EU Login Mobile App opens automatically and prompts you to enter your **PIN code**.

Enter your PIN code and tap on "**Authenticate**".

If the app is active (in the foreground) it will automatically redirect you to the browser selector.

If the app is in the background, a notification is displayed on your device. Please accept this notification to be redirected successfully.

You are now successfully authenticated and are redirected to the web page.

Sign in with an EU Login account using Mobile Phone + SMS

Choose your verification method

Mobile Phone + SMS
Send a text message to a registered mobile phone number for a multi-factor authentication.

Mobile phone

International format including country code, e.g. for Belgium: +32 123 45 67 89

Sign in

Sign in to continue

Authentication by SMS text challenge

Enter the *challenge* sent to your mobile phone by SMS text message. It might take several minutes for the message to reach your mobile phone.

Mobile phone number

SMS text challenge

Sign in

Select **"Mobile Phone + SMS"** as the verification method.

Enter your **password** in the "Password" field and enter a previously registered mobile phone number in the "Mobile phone" field, starting with a plus sign and with the country code. Do not include dots, parenthesis or hyphens.

When clicking **"Sign in"**, an SMS is sent to your mobile device. The SMS contains a challenge code made of nine characters (three blocks of three characters) separated with hyphens (minus sign).

Type the challenge you received in the "SMS text challenge" fields and click on **"Sign in"** to proceed to the service you requested to use.

Sign in with an EU Login account using a token

Choose your verification method

Token
Use a VASCO token to generate a one-time-password to login.

Token serial number

Token challenge code

Sign in

Select **"Token"** as the verification method. Enter your password in the **"Password"** field.

Take your token and look at the barcode at the back of it. **Type all digits** written on top of it in the "Token serial number" field without the hyphens.

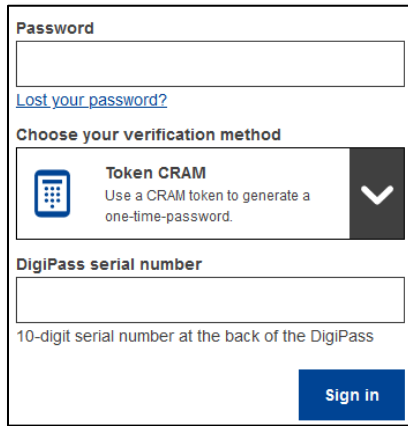
Please note that you can alternatively use the legacy format starting with a "T", but then only use the number between the hyphens.

Switch your token on and enter its 5-digit PIN code. The token displays a sequence of eight digits.

Type it in the "Token challenge code" field

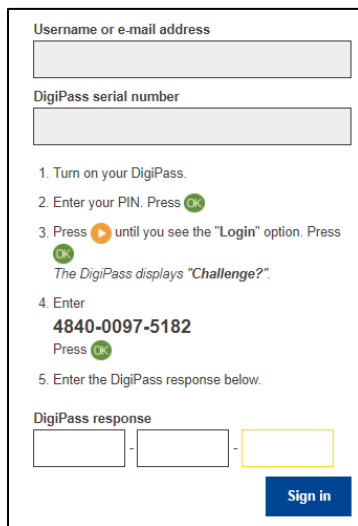
and click on **"Sign in"** to proceed to the service you requested to use.

Sign in with an EU Login account using a token CRAM



The screenshot shows a login form with the following elements:

- Password**: A text input field.
- [Lost your password?](#): A link below the password field.
- Choose your verification method**: A section with a radio button selected for **Token CRAM**. Below it, a description reads: "Use a CRAM token to generate a one-time-password." A checkmark icon is visible to the right.
- DigiPass serial number**: A text input field.
- 10-digit serial number at the back of the DigiPass: A note below the serial number field.
- Sign in**: A blue button at the bottom right.



The screenshot shows the DigiPass verification instructions and response field:

- Username or e-mail address**: A text input field.
- DigiPass serial number**: A text input field.
- Instructions:
 1. Turn on your DigiPass.
 2. Enter your PIN. Press **OK**.
 3. Press **OK** until you see the "Login" option. Press **OK**.
The DigiPass displays "Challenge?".
 4. Enter **4840-0097-5182**. Press **OK**.
 5. Enter the DigiPass response below.
- DigiPass response**: A field with three input boxes separated by hyphens.
- Sign in**: A blue button at the bottom right.

Select **"Token CRAM"** as the verification method.

Enter your password in the **"Password"** field.

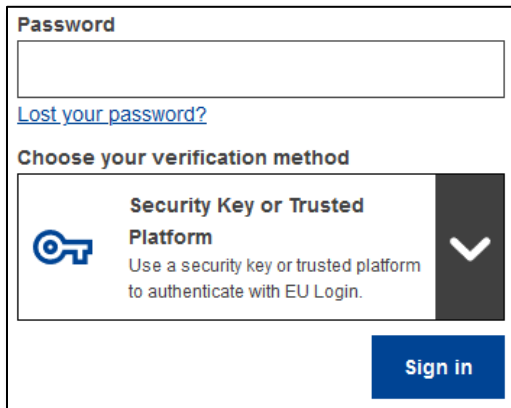
Take your token and look at the barcode at the back of it. **Type all digits** written below it in the "DigiPass serial number" field without the hyphens.

Click on **"Sign in"**.

Carefully follow the instructions on screen **and enter the DigiPass response** in the "DigiPass response" fields.

Click on **"Sign in"** to proceed to the service you requested to use.

Sign with an EU Login account using a Security Key or Trusted Platform



Password

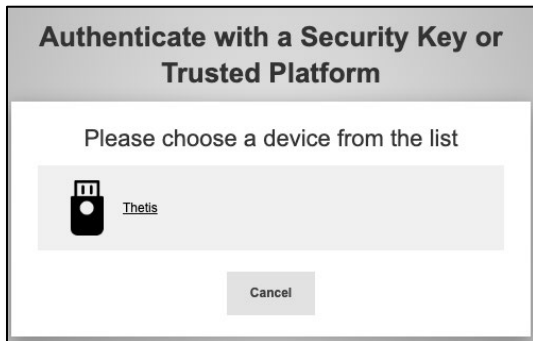
[Lost your password?](#)

Choose your verification method

Security Key or Trusted Platform
Use a security key or trusted platform to authenticate with EU Login.

Sign in

Select "**Security Key or Trusted Platform**" as verification method.
Enter your password in the "**Password**" field.



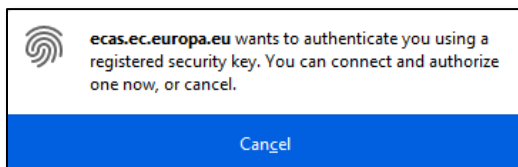
Authenticate with a Security Key or Trusted Platform

Please choose a device from the list

Thetis

Cancel

Click on the name of the desired Security Key or Trusted Platform from the list of registered devices.



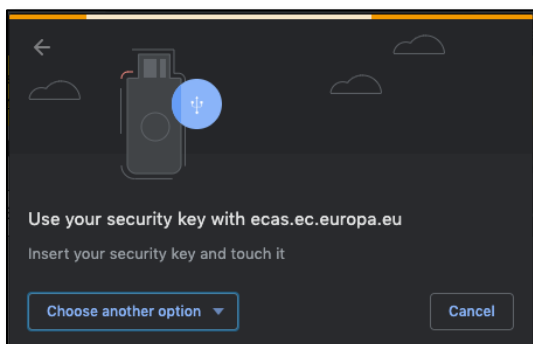
ecas.ec.europa.eu wants to authenticate you using a registered security key. You can connect and authorize one now, or cancel.

Cancel

(Firefox)

Carefully follow the steps displayed by your browser on screen.

Note: what you see may differ from these screens, depending on which browser or operating system you are using.



Use your security key with ecas.ec.europa.eu
Insert your security key and touch it

Choose another option

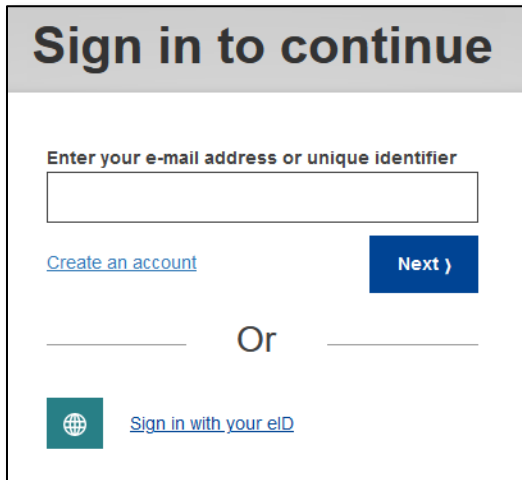
Cancel

(Chrome)

When using a **Security Key**, you will be requested to confirm by touching a button on the key itself (which may blink to draw your attention).

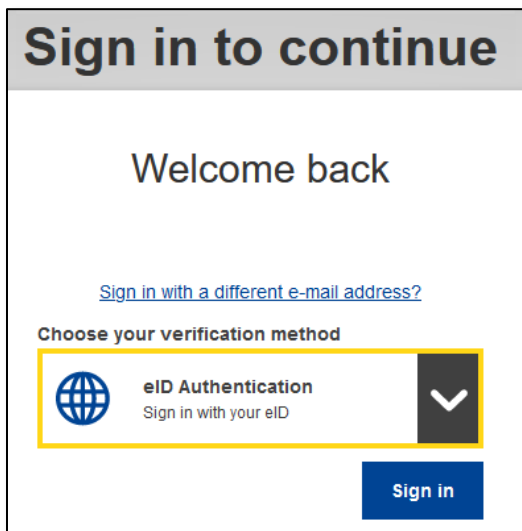
For a **Trusted Platform using Windows Hello**, follow the suggested steps (verify via a PIN Code or a biometric).

Sign in with your electronic ID (eID)



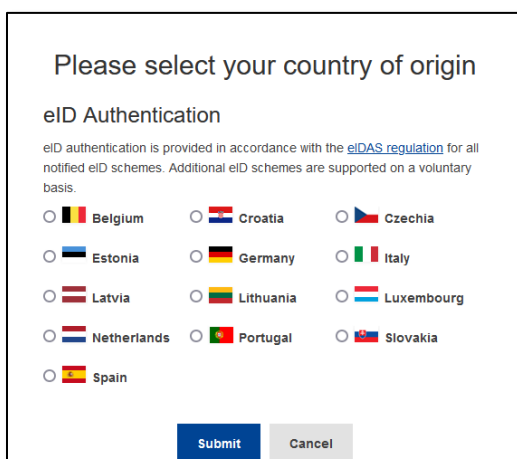
On the **EU Login main page**, click on “**Sign in with your eID**”.

No need to enter a username or email address in this step.



or

On the EU Login Welcome page, select **eID Authentication** and then click **Sign In**.



Both will take you to the country selection page.

Select the country of origin for your eID. Click **Submit** and you will be redirected to the country’s specific page for logging in with your eID.

Following a successful login, you will be redirected back to EU Login and then to your application.

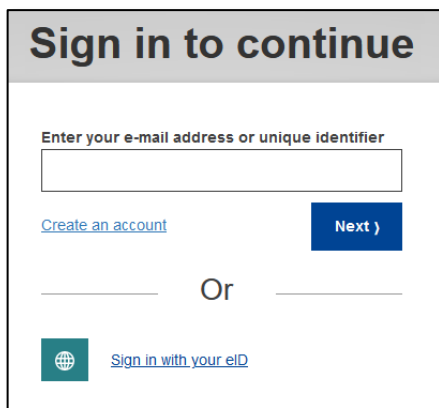
Reconcile your EU Login account with your electronic ID

If you have been using EU Login to authenticate with an eID without any relation to your existing EU Login account, you have the possibility to link (“reconcile”) the two and be able to authenticate into your EU Login account by using your eID.

Reconciliation is a one-time operation that can be triggered after signing in with either of the two – the eID or EU Login account.

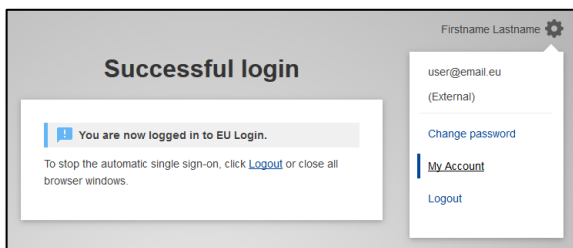
Note that, once reconciliation is completed, the identity that was created in relation to the eID will no longer exist. As such, you may lose access rights in services that only knew you by your “eID identity”.

Reconcile after signing in with your eID



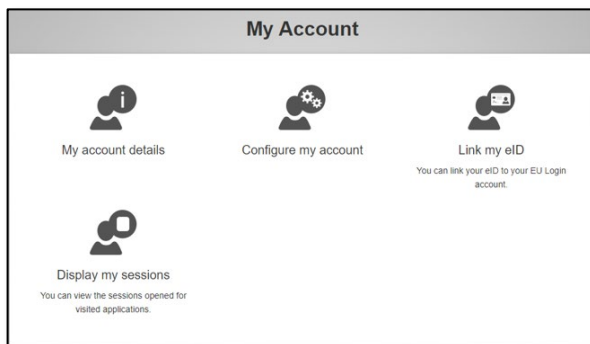
The screenshot shows a sign-in page titled "Sign in to continue". It features a text input field labeled "Enter your e-mail address or unique identifier". Below the field are two links: "Create an account" and "Next". A horizontal line with the word "Or" in the center separates this section from the "Sign in with your eID" option, which is accompanied by a globe icon.

Sign in using your **eID**, as described in the “**Sign in with your electronic ID (eID)**” section.



The screenshot shows a "Successful login" message. A notification box states: "You are now logged in to EU Login. To stop the automatic single sign-on, click Logout or close all browser windows." On the right, a user profile card displays "Firstname Lastname" with a gear icon, the email "user@email.eu (External)", and links for "Change password", "My Account", and "Logout".

Once successfully authenticated, move the mouse over the gear **at the top right corner** to display the menu and click on "**My Account**".



The screenshot shows the "My Account" dashboard. It contains four main sections: "My account details" (with an information icon), "Configure my account" (with a gear icon), "Link my eID" (with a person and ID card icon, and a sub-note: "You can link your eID to your EU Login account."), and "Display my sessions" (with a person and clock icon, and a sub-note: "You can view the sessions opened for visited applications.").

Click on "**Link my eID**".

You will be asked to log in with your EU Login account.

Note that, if you proceed, the identity that has been previously created in relation to the eID will be deleted and any data linked to it will be lost.

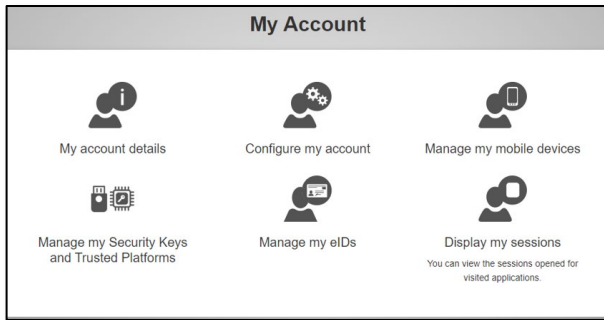
After logging into your EU Login account, the reconciliation is complete.

From now on, signing in with your eID will log you into your EU Login account.

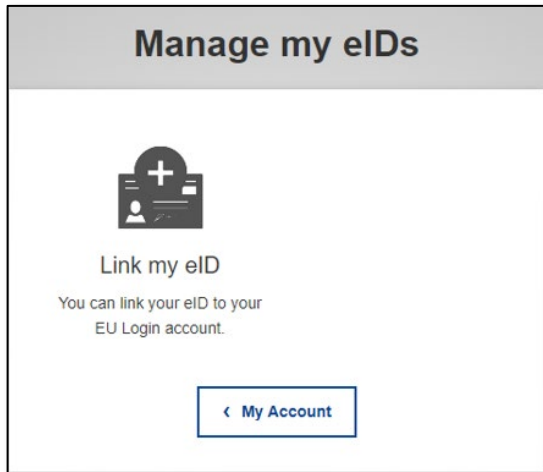
Reconcile after logging into your EU Login account

Sign in using your EU Login account.

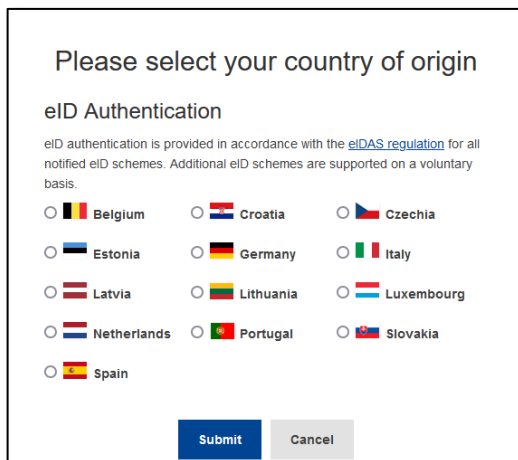
Once successfully authenticated, move the mouse over the gear **at the top right corner** to display the menu and click on **"My Account"**.



In the My account screen, select “Manage my eIDs”.



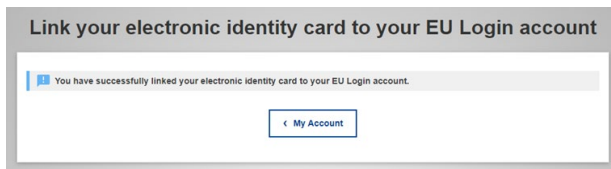
Click on “Link my eID”.



Select the country of origin for your eID. Click **Submit** and you will be redirected to the country’s specific page for logging in with your eID.

Note that, if you proceed, the identity that has been previously created in relation to the eID will be deleted and any data linked to it will be lost.

Following a successful authentication, you will be redirected back to EU Login.

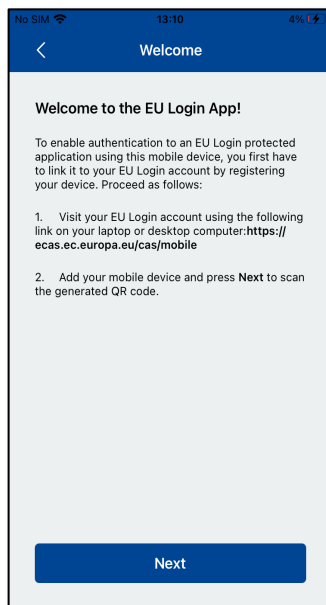
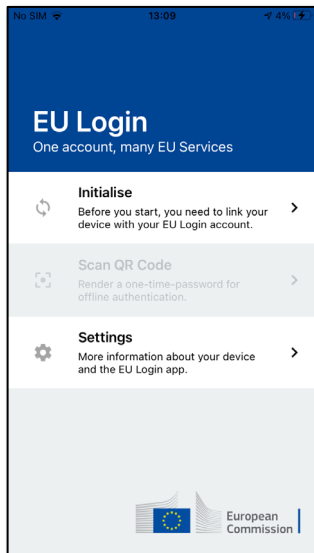


After logging in, the reconciliation is completed.

From now on, signing in with your eID will log you into your EU Login account.

Install and initialise the EU Login Mobile App

The EU Login Mobile App can be used when accessing a service that requires increased security. The EU Login Mobile App is free and can be obtained from the Google Play Store (Android) or the App Store (iOS). After installing it, you need to initialise it. To do so, you need a PC in addition to your mobile device.



After installing the EU Login Mobile App, open it and **tap on the "Initialise"** option. Please ensure that you accept the 'Allow Notifications' option when prompted

Follow the instructions on the screen: open a browser on your PC and **go to the following URL:**

<https://webgate.ec.europa.eu/cas/mobile>

You will be prompted to authenticate.

Important: If you already installed and initialised the EU Login Mobile App on another device or if you registered your mobile phone number for receiving SMS, you are requested to authenticate using the already registered device.

Please note that an EU Login mobile app can only register a single account, and an account can only be registered with a single mobile app.

Then click on **"Add a mobile device"** in the browser on your PC.

Add a mobile device

Please give a name to identify your mobile device and a PIN code to use for it.

Your device name

Your 4 digit PIN code

You will be required to enter this PIN code on your mobile device to use the ECAS mobile app.

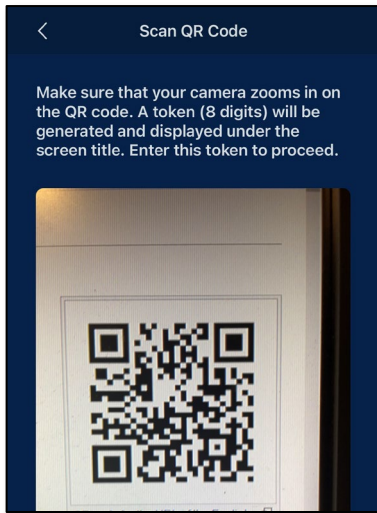
Confirm your PIN code

Submit **Cancel**

In the "Your device name" field, **provide a name** that will allow you to remember to which device it refers to. You can pick any name that suits you, such as "My Android tablet", "My iPhone" etc.

Select a PIN code composed of 4 digits and **enter it in the "Your 4-digit PIN code" and in the "Confirm your PIN code" fields** to make sure you did not mistype it. You will be prompted to provide the PIN code when authenticating so make sure you select one that you can easily remember. However, avoid PIN codes that can be easily guessed, such as your birth year or birthday and month.

Once you are done, click "**Submit**" and **then "Next"** on your mobile device.



The QR code scanner starts on your mobile device and a QR code is displayed on the screen of your PC.

Point the camera of your mobile phone to your PC screen until the QR code is recognised.

Authenticate

Enter PIN code

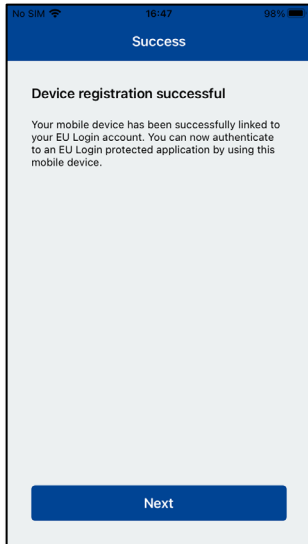
You are connected to the EU Login account of *****. To complete the registration of your mobile device, enter your four digit PIN and press Next.

Next

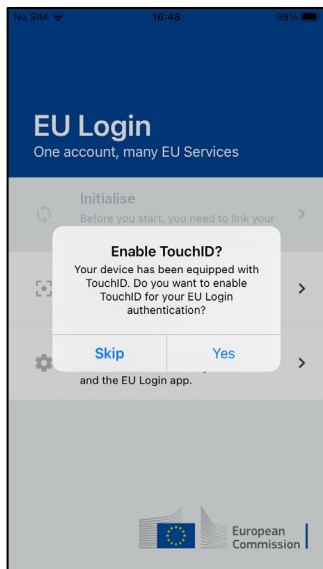
Enter the PIN code you have just chosen on your mobile device and tap "**Authenticate**".

If the app is active (in the foreground) it will automatically redirect you to the browser selector.

If the app is in the background, a notification is displayed on your device. Please accept this notification to be redirected successfully.

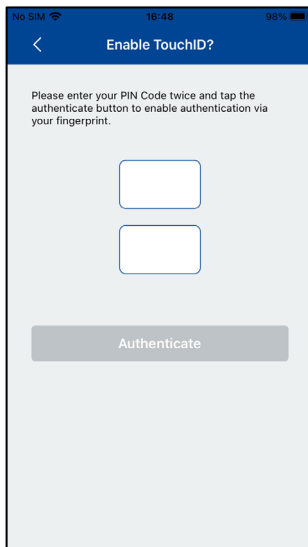


Your EU Login Mobile app is successfully initialised and can be used for authenticating. Click on **“Continue”** to be redirected to the Welcome screen.

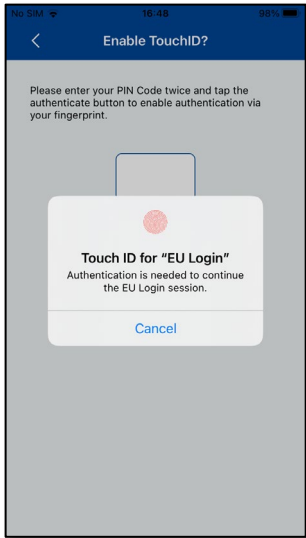


If your device is equipped with **Fingerprint recognition or other biometric authentication**, an automatic pop up will be displayed to enable biometric recognition.

You can enable this function by clicking on ‘YES’. If you do not want to enable Fingerprint recognition, click on ‘SKIP’.



Enter the PIN code you have chosen during the initialisation on your mobile device and click on the arrow.



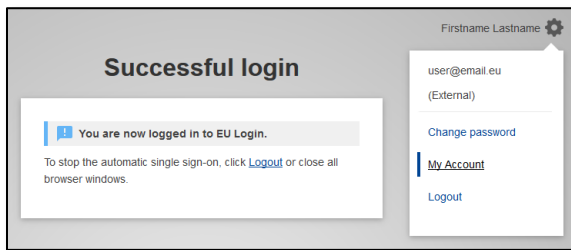
Confirm by authenticating with your fingerprint. You will be automatically redirected to the Welcome page.

Register a mobile phone number for receiving verification SMS

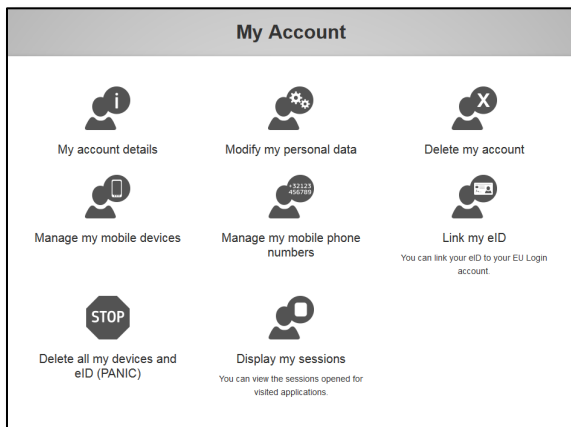
To receive SMSs to authenticate, your mobile phone number needs to be registered in your EU Login account. Please note that active members of EU staff must follow a different process for registering their mobile phone number.

Unfortunately, since SMS requires agreements between operators to interconnect mobile networks, it might not be fully reliable. Therefore, if you have a smartphone, it is advised to use solutions based on the EU Login Mobile App instead.

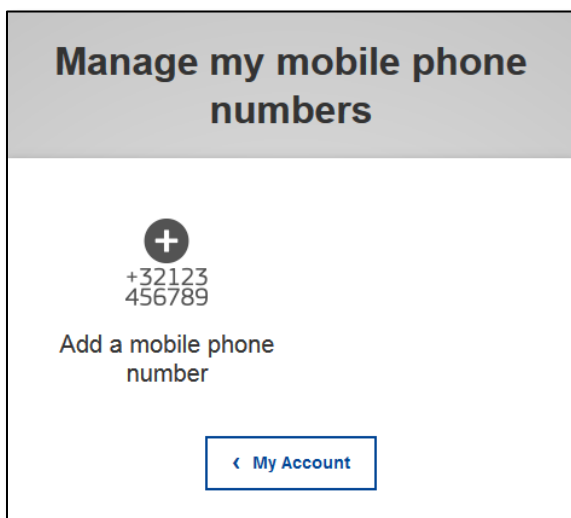
To register your mobile phone number, open a browser and **go to the following URL:** <https://webgate.ec.europa.eu/cas/login>



Once successfully authenticated, move the mouse over the gear **at the top right corner** to display the menu and select **"My Account"**.



Click on **"Manage my mobile phone numbers"**.



Click on **"Add a mobile phone number"**.

Add a mobile phone number

Mobile phone number

International format including country code,
e.g. for Belgium: +32 123 45 67 89

Add Cancel

Challenge code for adding a mobile phone number, sent by text message

Please enter the *challenge code* that was texted to your mobile phone.

It might take up to 8 minutes for the message to reach your mobile phone.

Mobile phone number



Text message challenge code

 -

Finalise Cancel

Manage my mobile phone numbers

✓ Your mobile phone number +321234567890 was added successfully.

 +32123 456789	 +32123 456789
Add a mobile phone number	Delete a mobile phone number

[← My Account](#)

Enter your mobile phone number in the "Mobile phone number" field, starting with a plus sign and with the country code. Do not include dots, parenthesis or hyphens.

When clicking "Add", an **SMS is sent** to your mobile device.

The SMS contains a **challenge code** made of eight characters separated with a hyphen (minus sign).

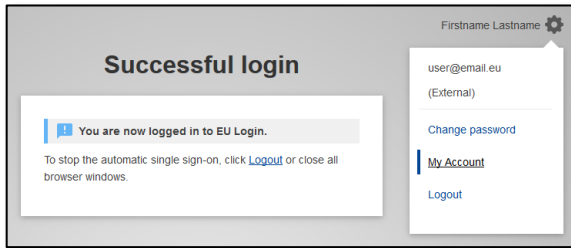
Type the challenge code you received in the "Text message challenge code" fields and click on "**Finalise**".

Your mobile phone number is successfully registered and can now be used for authenticating.

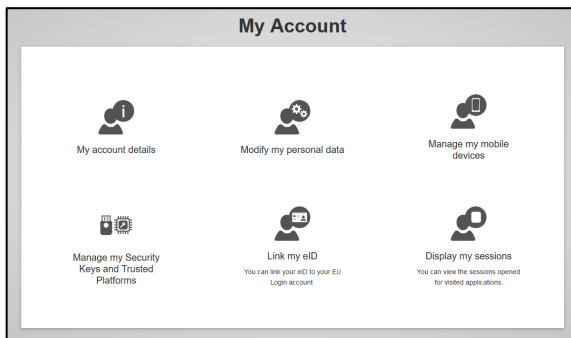
Register a Security Key or Trusted Platform

To register a Security Key or a Trusted Platform, open a browser and **go to the following URL:** <https://webgate.ec.europa.eu/cas/login>

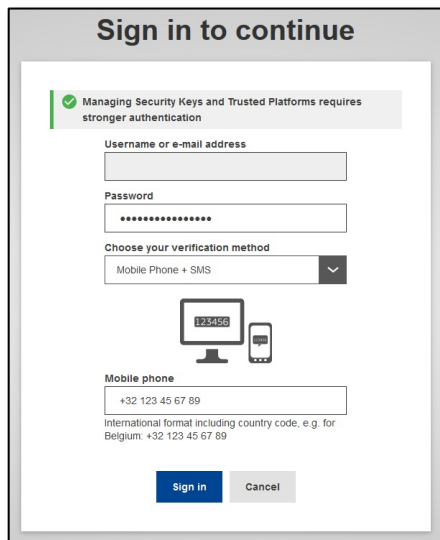
Important Note: The Security Key and Trusted Platform (TPM) options must be configured on your device before being registered into your EU Login account. Please refer to your device user guide to first set up your Security Key or TPM.



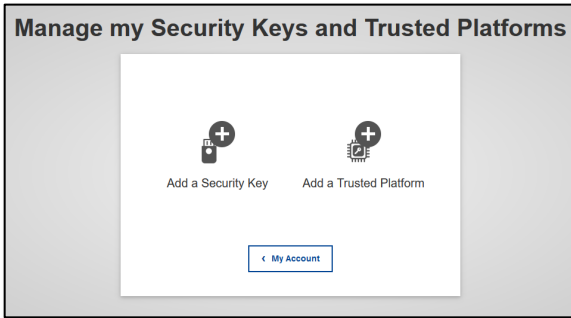
Once successfully authenticated, move the mouse over the gear **at the top right corner** to display the menu and select **"My Account"**.



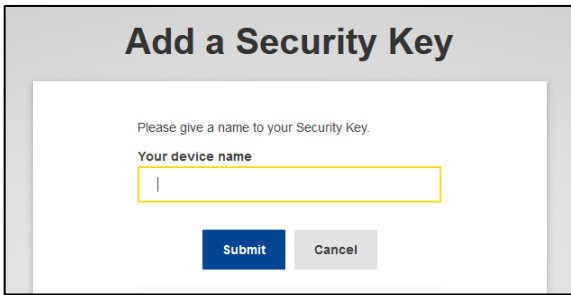
Click on **"Manage my Security Keys and Trusted Platforms"**.



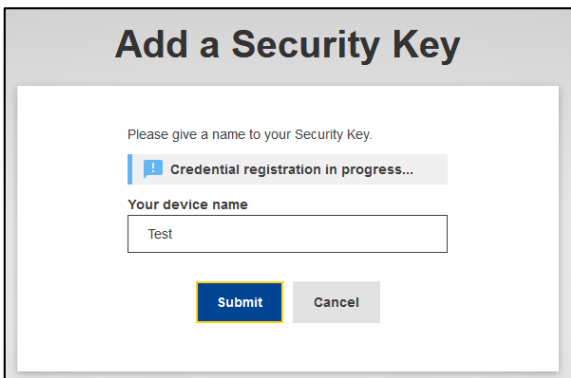
You may need to authenticate with a stronger authentication method.



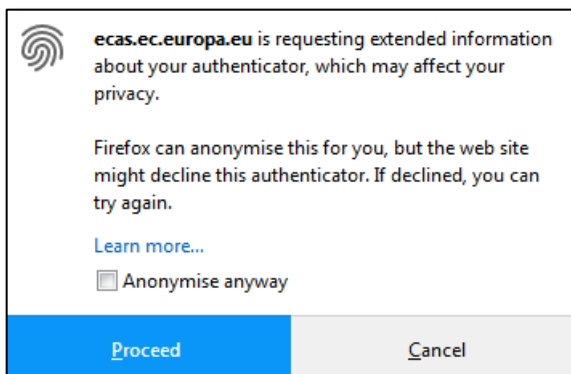
Click on “**Add a Security Key**” or “**Add a Trusted Platform**”



Enter a device name and click on 'Submit'.



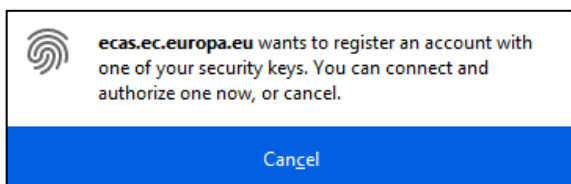
A message will pop up: ‘**Credential registration in progress**’.



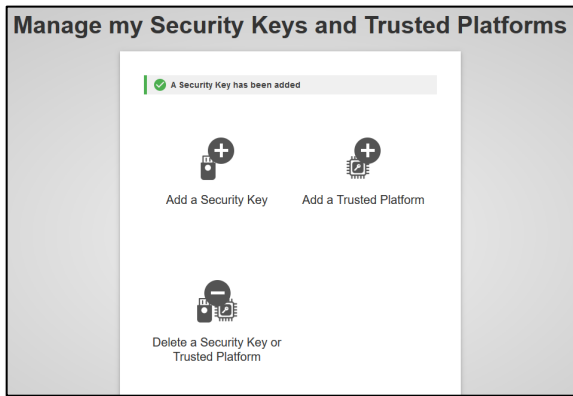
Your browser will open a popup window to request access to extended information about your authenticator.

Click on ‘**Proceed**’.

Please **do not tick** the ‘**Anonymise anyway**’ checkbox, otherwise it will **not be possible** to use this authentication method.



Note: this is an example from Firefox, what you see may differ depending on the browser you are using.



Validate the fingerprint on your security key. You will then see a success message **'A security key has been added'**

Transaction signature using EU Login mobile app - for DG CLIMA users

ECAS Demo for eu-login-demo


Description: The description

Reason: For conformity

Please always verify that the transaction parameters correspond to your request.

Comment

Password



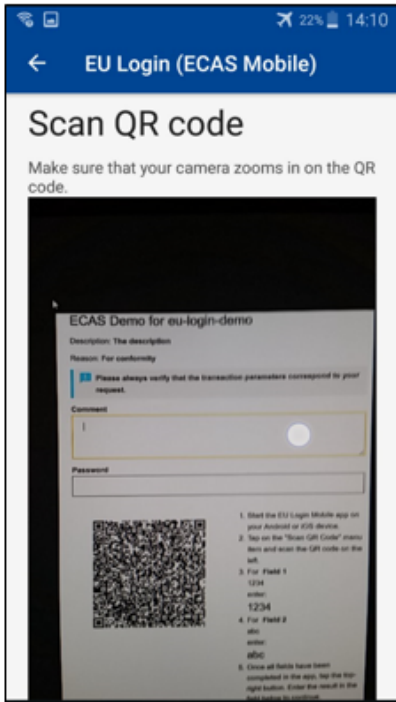
1. Start the EU Login Mobile app on your Android or iOS device.
2. Tap on the "Scan QR Code" menu item and scan the QR code on the left.
3. For Field 1
enter:
1234
4. For Field 2
enter:
abc
5. Once all fields have been completed in the app, tap the top-right button. Enter the result in the field below to continue.

Code generated by your app

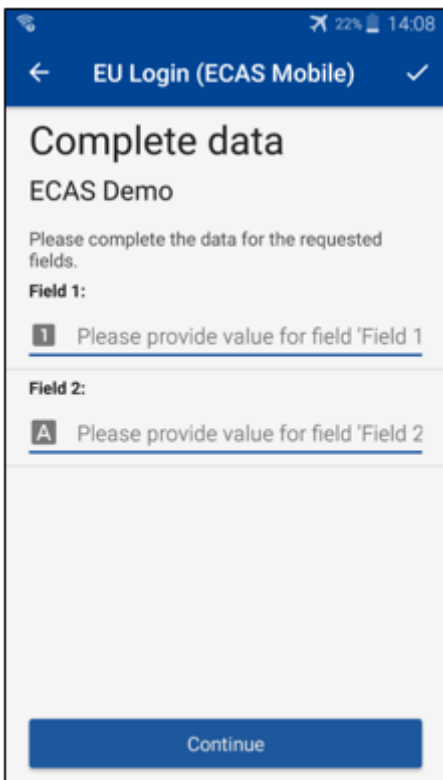
44EH - 47PE - FJWE - XXDA

Scan the QR Code generated by the Signature Page. When you will attempt to sign a request, you will be presented with a screen displaying:

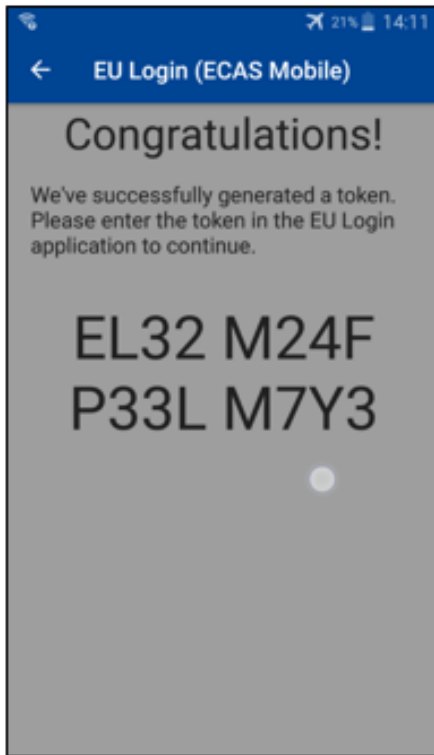
- A QR code;
- Instructions on how to request an OTP



When you scan the QR Code, the app will show a screen comparable to the previous step. **Complete** the data as indicated in the instructions on the page.



Complete the requested data as indicated; all fields are required and will be validated according to the required input pattern.



Enter the generated OTP in EU Login.
 If the data is validated by the app, it will generate an OTP.
 Enter the generated OTP on the EU Login page.

Transaction signature using SMS - for DG CLIMA users

DG CLIMA users may have to perform a transaction signature operation in EU Login, for example to transfer units to another account without trusted account, transfer units to another trusted account, delete allowances, cancellation of Kyoto units, exchange of Kyoto units for phase 3 allowances, return of excess allocation or surrender allowances to be compliant.

 A screenshot of a web form titled 'Requested by ecas-demo'. Below the title, it says 'Description: Transaction Signature' and 'Reason: Please, sign the transaction with your strong password'. There are two input fields: 'Password' and 'Mobile phone'. Below the 'Mobile phone' field, there is a note: 'International format including country code, e.g. for Belgium: +32 123 45 67 89'. At the bottom of the form is a blue button labeled 'Sign'.

Sign your transaction.
 Enter your password and your mobile phone number and click on Sign

 A screenshot of a web form titled 'SMS text challenge'. It features three input boxes arranged horizontally, separated by hyphens, intended for entering a challenge code. Below these boxes is a blue button labeled 'Sign in'.

A challenge code is sent to your mobile phone.
 Enter the code you received and click on Sign.



More information:

For any additional information, please refer to the EU ETS Registry system - User Guide, available via the Help button of the Union Registry.

Hints and tips

- It can happen that you successfully sign in EU Login but your access to a given service is denied. In that case, please contact the helpdesk of that service and request the access rights.
- For External users only: if you cannot receive SMS challenge on the current GSM or if your device has been stolen, please use the (STOP – Delete all my devices and EID 'PANIC') via the menu 'My Account'. This action does not require to be logged in with the 2-factor and will remove from the account all the mobile phone numbers that were associated. Be careful: this will remove all the second factors linked to your EU Login account.
- At any moment, you can click on "EU Login" at the top left corner to go back to the "Sign in" screen.
- If you want to manage your account or change your password, you can go to the following URL: <https://webgate.ec.europa.eu/cas/login>
After successfully authenticating, you will have a "Change password" and a "My Account" entry in the menu at the top right corner. From there, you can change your personal information or provide additional devices for authenticating in a more secure way.