



User Guide

User Guide.....	1
1. HOW DO I NAVIGATE ON “PISTE” PORTAL?	4
1.1 Home	4
1.2 Registration	5
1.3 Log in.....	6
1.4 Help Center.....	6
1.4.1 User manual	6
1.4.2 FAQ	7
1.4.3 User Support.....	7
1.5 API.....	8
1.6 Footer	9
2. REGISTRATION.....	10
2.1 How to create my account?.....	10
3. CONNECTION	11
3.1 Authentication	11
3.2 Profile page.....	12
3.3 Change password	12
3.4 Reset password	13
4. UNSUBSCRIBE	14
5. API Terms of Service ACCEPTANCE	15
6. SANDBOX SELF-CREATED APPLICATION	16
6.1 Automatic creation of your application upon first registration	16
6.2 API linking to your SANDBOX application	17

Agence pour l'informatique financière de l'État

6.3	Changes to the self-created SANDBOX application	20
6.4	Terms of Use of your SANDBOX Application	20
7.	APPLICATION in PRODUCTION	20
7.1	Creating an application.....	20
7.2	Modification of an Application.....	22
7.3	Authentication Types.....	22
7.4	Generating a Key API.....	23
7.5	Generation of an Oauth ID	23
7.6	Choice type of application OAuth	24
7.7	Callback URL	24
7.8	X.509 certificate	24
7.9	Regenerate Client secret.....	24
7.10	Terms of use of your application.....	25
8.	TESTING MODE OAuth AUTHENTICATION FOR SANDBOX ..	25
9.	OBTAINING OAuth token FOR PRODUCTION.....	28
10.	API SUBSCRIPTION REQUEST	30
10.1	Accessing the API access request form from the API catalog	30
10.2	Offline mode:.....	30
10.3	Online mode:.....	32
10.4	Access the API access request form from the API file	34
10.5	Access the API access request form from the application edit screen	34
11.	ADMINISTRATION	36
11.1	User enrolment.....	36
11.2	User management.....	38
11.3	Top consumer	39
11.4	Smartheathcheck	40
11.5	API Access request Approval	40
11.6	API Access request Revoke	42
11.7	Help Center	43
11.8	User guide;.....	44
11.9	API best practice guide	44
11.10	FAQ;	44

Agence pour l'informatique financière de l'État

11.11 User support	45
12. NOTES.....	46
12.1 Return Codes.....	46
12.2 Access points by PISTE Partner Consumer type.....	46

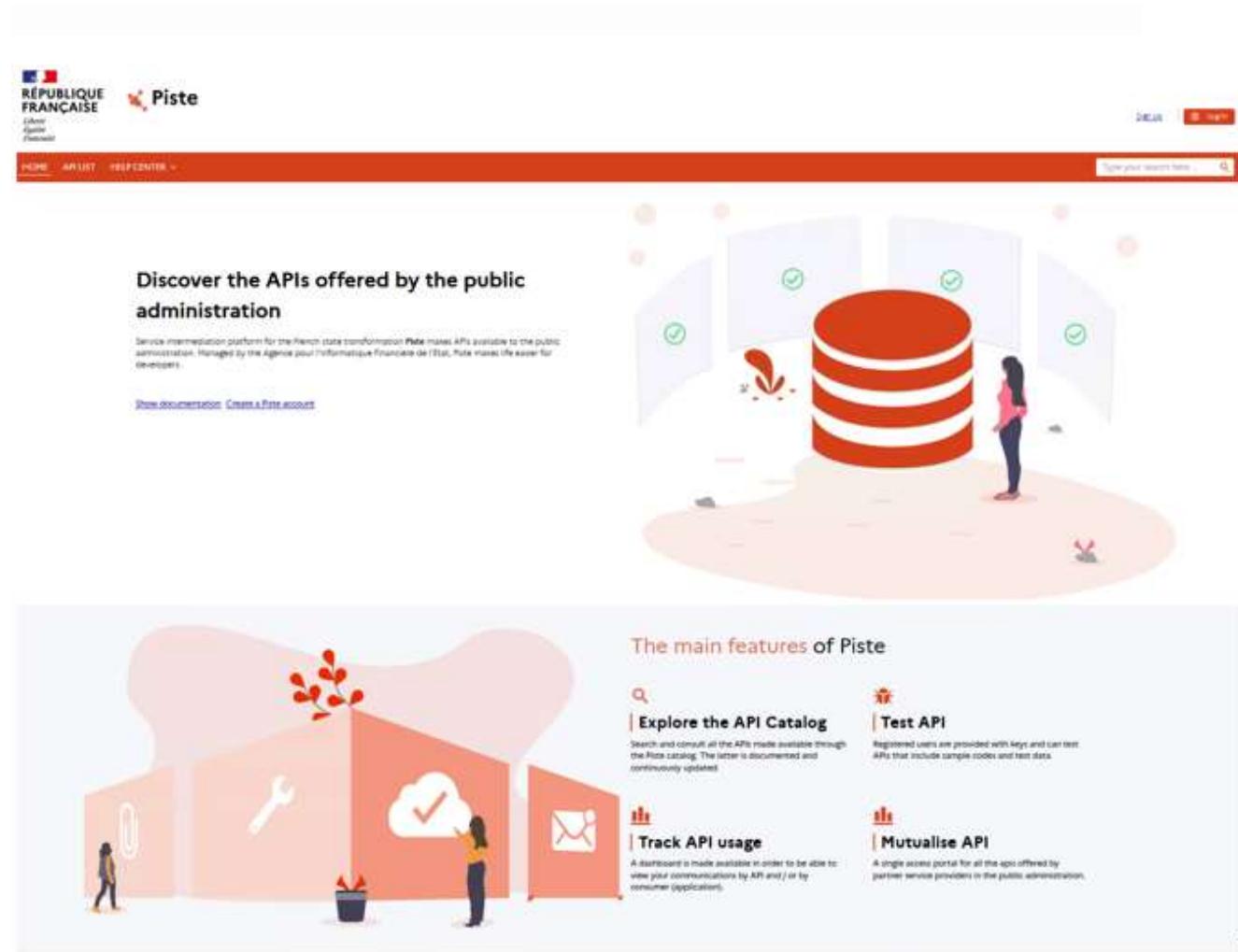
Agence pour l'informatique financière de l'État

1. HOW DO I NAVIGATE ON "PISTE" PORTAL?

Sitemap

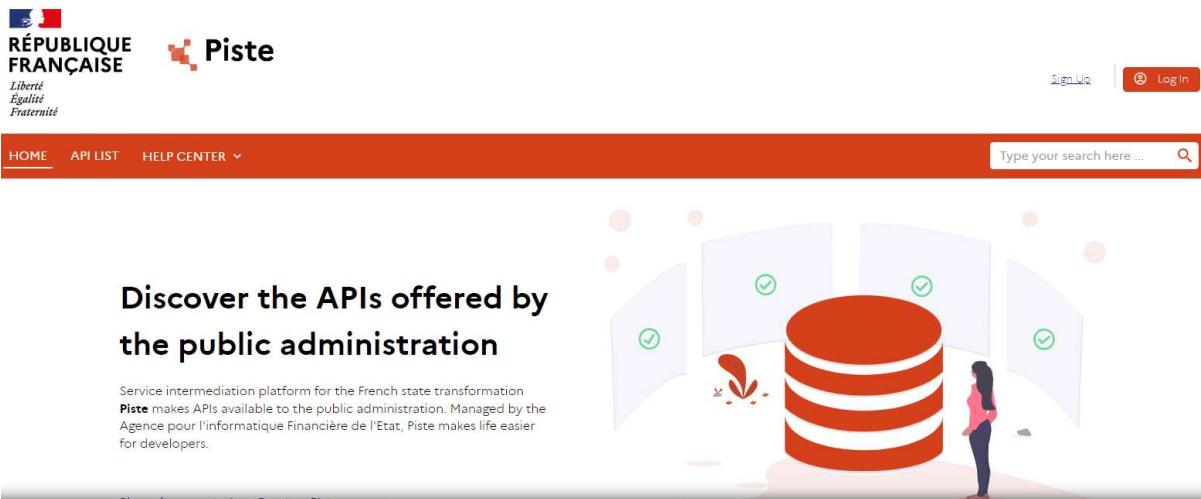
1.1 Home

The welcome page introduces the features of the PISTE portal:



When you connect for the first time to <https://piste.gouv.fr>, you have to accept cookies. A session management cookie is necessary for the website to properly function. To read the cookie management policy, you can click on the link "To find out more" or in the Cookie management section at the bottom of the page. Once you clicked on the button "I understood" to accept the cookie and the banner disappears.

Agence pour l'informatique financière de l'État



The screenshot shows the Piste website homepage. At the top left is the French Republic logo with the text "RÉPUBLIQUE FRANÇAISE" and "Liberté Egalité Fraternité". Next to it is the Piste logo with a red square icon. On the right are "Sign Up" and "Log In" buttons. Below the header is a navigation bar with "HOME", "API LIST", "HELP CENTER", and a search bar. The main content area features a heading "Discover the APIs offered by the public administration" and a subtext about the service being a platform for French state transformation and making APIs available to the public administration. To the right is a stylized illustration of a person standing next to a large red cylinder representing a database, with green checkmarks and a small flower icon.

Managing cookies

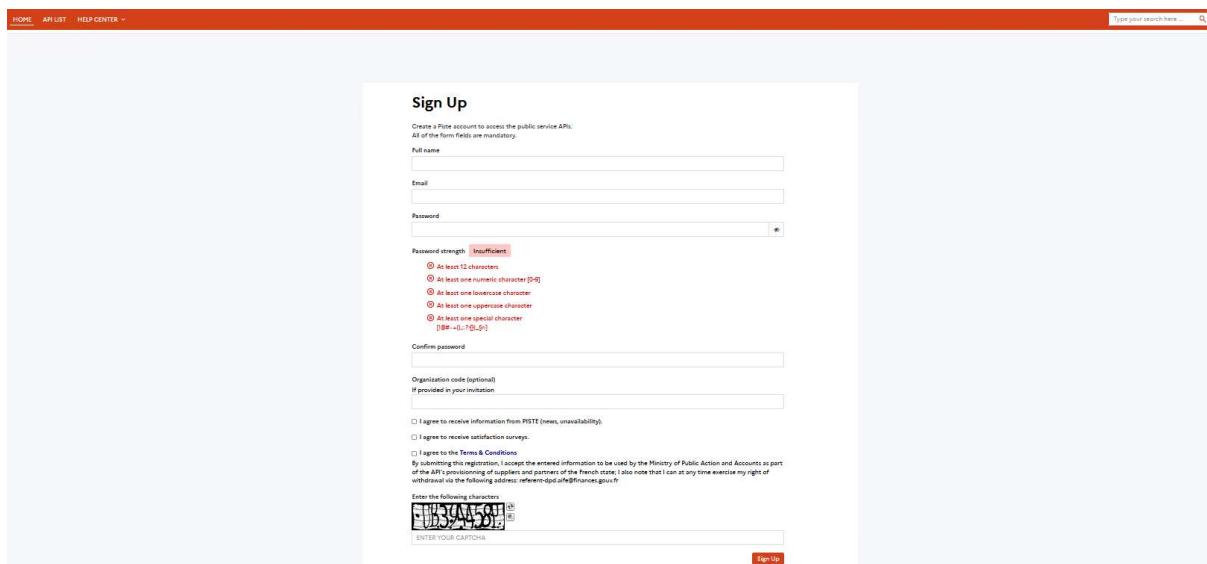
Piste.gouv.fr needs only one technical cookie to work.
(Cookie « joomla_user_state » which is in charge to keep elements needed for a user session on the website. It is maintained during the session of a user)
The Ministère de l'économie, des finances et de la relance is in charge of the data treatment of website piste.gouv.fr
To learn more about cookie

Got it

1.2 Registration

The « Sign up » link leads you to the portal registration form. You must input the required informations and a password. Once registered, you will have access to all features.

You can find more details in chapter [2.1](#)



The screenshot shows the "Sign Up" registration form. It includes fields for "Full name", "Email", "Password" (with a strength indicator showing "Insufficient"), "Confirm password", and "Organization code (optional)". There are also checkboxes for agreeing to receive information, surveys, and terms & conditions, along with a note about data processing. A CAPTCHA field with the code "SUB344501" and a "ENTER YOUR CAPTCHA" placeholder is at the bottom, followed by a "Sign Up" button.

1.3 Log in

Once your registration is completed, you can login through the login page:

Log In

Enter your e-mail identifier and password.
You don't have a Piste account? [Create an account](#)

Login Name

Password

[Forgot password?](#)

Log In

1.4 Help Center

The Help center gives you access:

- User guide;
- FAQ;
- User support

1.4.1 User manual

Click on the “User guide” sub-menu, this user guide is displayed. It presents the PISTE portal, the various pages and its functions and assists you in your first steps on the website. You will find there, for example, the procedure for registering, logging in, using an API, or even creating an application.

Agence pour l'informatique financière de l'État

This document can be browsed directly on the portal or can be downloaded.

The screenshot shows the 'User guide' section of the AIFE Help Center. At the top, there's a navigation bar with 'HOME', 'API LIST', 'HELP CENTER', and a dropdown menu. Below it, a breadcrumb trail shows 'Home > HELP CENTER > User guide'. On the right, there's a search bar. The main content area features a circular icon of a person at a computer. The text 'User guide' is bolded, followed by a note about browser compatibility and a download link. Below this is a large preview window showing the 'User Guide' PDF with a table of contents:

1. HOW DO I NAVIGATE ON THE "PISTE" SITE?	2
1.1 Home	2
1.2 Registration	3
1.3 Log In	4
1.4 Help Center	4
1.4.1 Programming API	5
1.4.2 User manager	6
1.4.3 Content	8
1.5 Footer	7
2. REGISTRATION	8
2.1 How to create my account?	9
3. CONNECTION	9

1.4.2 FAQ

Click on the "FAQ" sub-menu to see the list of topics.

When searching for items in the search bar, you will find the answer to your question.

If you do not find an answer, do not hesitate to create a support ticket on the user support.

The screenshot shows the 'FAQ' section of the AIFE Help Center. The navigation bar and breadcrumb trail are identical to the User Guide page. The main content area has a search bar and a 'Piste Frequently asked questions' section with a search bar. To the right, there's a cartoon character holding a clipboard with a question mark. The 'Frequently asked questions' section is divided into three categories:

- General Information**: PISTE, what is it ?; Who can use PISTE ?; Are there any prerequisites for using PISTE ?; What APIs are hosted on PISTE ?; I have a question or a particular request, What should I do ?; How start using PISTE ?
- Organizations**: What is an organization ?; How choose an organization ?; No organization provides access to all the APIs I want. What should I do ?; My account is not linked to the right organization. What should I do ?
- Registration**: What information is required for PISTE registration ?; What is the organization code requested to registering ?; I don't have any organization code how to get it ?; I don't have any organization code can I still register ?

1.4.3 User Support

Click on the "User Support" sub-menu to create a request and manage them.

Agence pour l'informatique financière de l'État

The request form is opened on a new tab.

Support request

Fields marked with an asterisk (*) are required

Name*

Name *

Enter your name

Phone number

Please enter a phone number if you would like to be called for this request.

E-mail*

E-mail *

Enter your e-mail

Subject*

Select *

Select un sujet

Title*

Title *

Title

Message*

Note : Beware that using special characters in your message could generate some errors on your request, please limit their use.

Description of your problem *

Enter the message.

Enter the following characters*



M6XV65

Enter the following characters *

1.5 API

Click on the "API LIST" menu to explore the API list:

Offline mode:

Any user who is not logged in is able to see and browse the "Public" catalog, and has the possibility of making a search, changing view...

Clicking on an API will allow you to browse its specification through a swagger documentation.

Agence pour l'informatique financière de l'État

You will be able to request access and you will be redirected to the Datapass or PISTE access request form ; An authentication will be required.

The screenshot shows the 'My APIs' section of the API catalog. It displays four API entries:

- CaptchEtat**: Published. Version 1.0, Type REST, Tags: SANDBOX, Environment: SANDBOX. Buttons: Request access, View metrics.
- Carte Achat**: Published. Version 1.0, Type REST, Tags: SANDBOX, Environment: SANDBOX. Buttons: Request access.
- DUME Acheteurs**: Published. Version 1.0, Type REST, Tags: SANDBOX, Environment: SANDBOX. Buttons: Request access.
- DUME Attestations**: Published. Version 1.0, Type REST, Tags: SANDBOX, Environment: SANDBOX. Buttons: Request access.

A search bar at the top is set to "api, description, type, version, tag". A sidebar on the right indicates "40 APIs displayed" and "Sort by: Name ascending".

Connected mode:

In connected mode (Authentication Login / password), the API catalog is enhanced with the new APIs, authorized for the user's organization. Additional menus/features are also available once the user is authenticated. You will, also, be able to test APIs.

The screenshot shows the 'API List' section of the API catalog in connected mode. It displays six API entries:

- CaptchEtat**: Published. Version 1.0, Type REST, Tags: SANDBOX, Environment: SANDBOX. Buttons: Test the API, View metrics, Request access.
- Carte Achat**: Published. Version 1.0, Type REST, Tags: SANDBOX, Environment: SANDBOX. Buttons: Test the API, View metrics, Request access.
- Chatbot**: Published. Version 1.0, Type REST, Tags: SANDBOX, Environment: SANDBOX. Buttons: Test the API, View metrics.
- Consultation**: Published. Version 1.0, Type REST, Tags: SANDBOX, Environment: SANDBOX. Buttons: Test the API, View metrics, Request access.

A search bar at the top is set to "api, description, type, version, tag". A sidebar on the right indicates "61 APIs displayed" and "Sort by: Name ascending".

1.6 Footer

- The PISTE portal footer allows you to:
- Access the site map;

- Learn about our commitments;
- Follow us via our Twitter, LinkedIn, RSS and GitLab accounts;
- Visit a selection of other ministerial and government sites
- Access the Cookie management page
- Access the Terms of Service page

 Version V2.013.7 Langue  English		Connect us Twitter LinkedIn RSS GitLab	Know us Site map User Support	Commitments Legal Notices Accessibility ToS - GDPR Managing cookies	Related sites service-public.fr data.gouv.fr legifrance.gouv.fr gouvernement.fr
---	---	--	---	---	---

2. REGISTRATION

2.1 How to create my account?

When you enter the URL <https://piste.gouv.fr>, you access the welcome page. To register, click on menu "Sign Up":



Complete the registration form:

- Fill in the requested information,
- Choose whether to sign up to our newsletters and / or our satisfaction surveys,
- Accept our TOS (Terms & Conditions).
- If you have an organization code, check the "I have an organization code (Contact the administrator of your organization have a code)" and enter the code in the box reserved for it.
- If you do not have an organization code, select your organization from the drop down list.

Agence pour l'informatique financière de l'État

Sign Up

Create a Piste account to access the public service APIs.
All of the form fields are mandatory.

Full name

Email

Password

Password strength Insufficient

- At least 12 characters
- At least one numeric character [0-9]
- At least one lowercase character
- At least one uppercase character
- At least one special character [!@#~-.;:,_.!@#\$%^&*()_+=_-]

Confirm password

Organization code (optional)
If provided in your invitation

I agree to receive information from PISTE (news, unavailability).

I agree to receive satisfaction surveys.

I agree to the Terms & Conditions

By submitting this registration, I accept the entered information to be used by the Ministry of Public Action and Accounts as part of the API's provisioning of suppliers and partners of the French state; I also note that I can at any time exercise my right of withdrawal via the following address: referent-dpd.aife@finances.gouv.fr

Enter the following characters



ENTER YOUR CAPTCHA

Sign Up

Once the form has been duly completed, click on "Register" to confirm your entry. You will receive information by email to finalize your registration.

3. CONNECTION

3.1 Authentication

To authenticate, click the "Sign In" menu:

The screenshot shows the top navigation bar of the Piste website. On the left is the French Republic logo with the words 'RÉPUBLIQUE FRANÇAISE' and 'Liberté Egalité Fraternité'. Next to it is the 'Piste' logo. On the right side of the bar are several links: 'Sign Up' (in red), 'Login' (with a user icon), and a search bar with the placeholder 'Type your search here ...' and a magnifying glass icon. Below the bar, there are three main navigation links: 'HOME', 'API LIST', and 'HELP CENTER'.

Enter your authentication information from the login page.

Log In

Enter your e-mail identifier and password.
You don't have a Piste account? [Create an account](#)

Login Name

Password

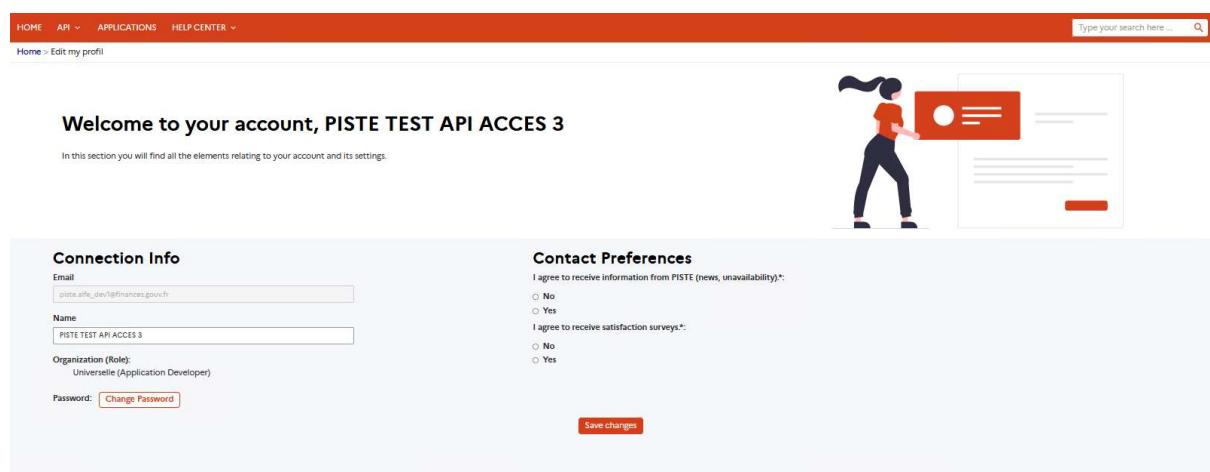
[Forgot password?](#)

Log In

Then click on "Log in" to confirm your entry. After being authenticated, a pop-in is displayed, click on the "Accept" button or click "Refusal" to accept or refuse our ToS. This pop-in is displayed each time the Terms & Conditions are modified. In order to access the website, it is necessary to accept the ToS. By refusing, access to the site will be denied.

3.2 Profile page

The profile page includes all information related to you. Click on "My Profile" to access this page, then choose "Edit Profile" to manage your informations and preferences.



Once you are on this page, you can check or uncheck the boxes for subscription to newsletters and/or satisfaction surveys to which you subscribed when you registered.

On this page you can also see to which organization you belong. This information is particularly interesting for the visibility of certain APIs.

3.3 Change password

From your profile page, you can change your password. To do this, simply click on "Change password" and wait for the popup-window to open.

Change Password

x

You must log in again after the password is changed.

Current Password* :

New Password* :

Confirm Password* :

Once the popup-window is opened, enter your current password, then enter the new password, confirm the password and then click "change the password" to save the changes.

3.4 Reset password

If not logged in, click on the tab "SIGN IN" and then "Forgot password".

Log In

Enter your e-mail identifier and password.
You don't have a Piste account? [Create an account](#)

Login Name

Password

[Forgot password?](#)

Once on this page, then enter the email you use to log and click "send".

Forgot Password

Enter your login email address. The reset procedure will be sent to you by email.

Email:

Agence pour l'informatique financière de l'État

You will then receive an email asking you to confirm this request by following a link. Upon receipt of this email, click "password" to continue the reset process.

 **Piste**

Bonjour,

Vous avez demandé la réinitialisation du mot de passe sur le portail PISTE.

Pour confirmer cette demande, veuillez cliquer sur le lien suivant :

[Réinitialiser le mot de passe](#)

Vous recevrez un email de confirmation avec un nouveau mot de passe temporaire. Lors de votre prochaine connexion, veuillez le modifier depuis votre Profil.

Si vous n'avez pas demandé la réinitialisation du mot de passe, veuillez ignorer cet email. Si vous avez des questions, veuillez contacter le support PISTE depuis le formulaire de contact mis à disposition dans le menu AIDE.

Veuillez noter que ce message vous a été envoyé d'une adresse qui ne peut recevoir de réponse. Conformément à la Loi Informatique et Libertés du 06/01/1978 telle que modifiée, vous disposez d'un droit d'accès, de modification et de suppression de vos données nominatives.

By clicking ("Reset your password" link) you will receive an email "Changing password successful" with the new password to login to the portal.

 **Piste**

Bonjour,

Le mot de passe de votre compte sur PISTE a été réinitialisé.

Votre nouveau mot de passe est : **42dde210-48d**

Une fois connecté avec ce nouveau mot de passe, veuillez le changer depuis votre Profil. Cliquez [ici](#) pour vous connecter.

Veuillez noter que ce message vous a été envoyé d'une adresse qui ne peut recevoir de réponse. Conformément à la Loi Informatique et Libertés du 06/01/1978 telle que modifiée, vous disposez d'un droit d'accès, de modification et de suppression de vos données nominatives.

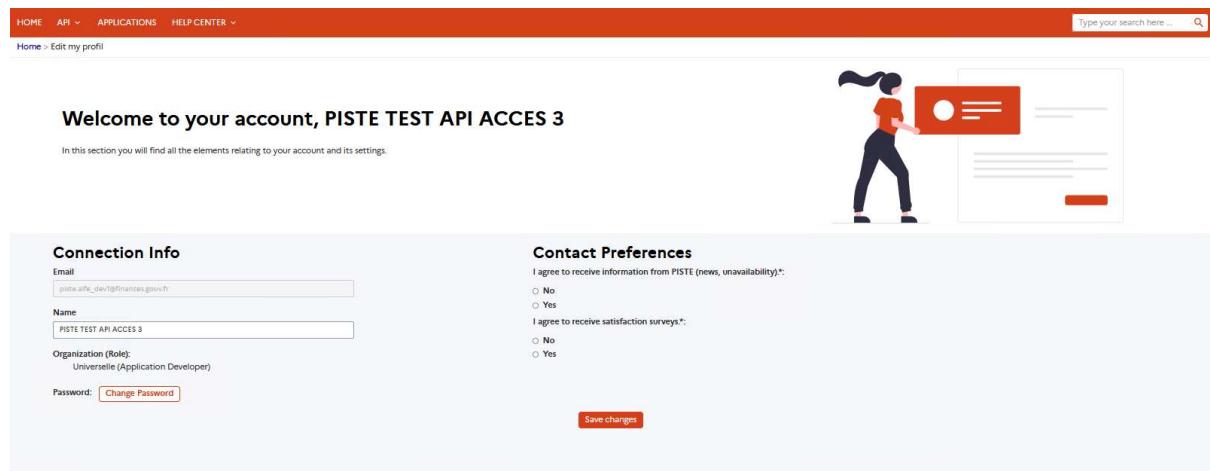
Once logged, you should be invited to change your password at your first login.

4. UNSUBSCRIBE

Agence pour l'informatique financière de l'État

The unsubscribe section for newsletters and/or our satisfaction surveys is accessible from the "my profile" menu in "Edit profile"  section ; uncheck the box:

- "I agree to receive information from PISTE (news, unavailability, news)" if you wish to unsubscribe from our newsletters;
- "I agree to receive satisfaction surveys"" if you wish to unsubscribe from our satisfaction surveys.



The screenshot shows the 'Edit my profile' page. At the top, there's a navigation bar with links for HOME, API, APPLICATIONS, and HELP CENTER. A search bar is also present. Below the navigation, a sub-navigation bar shows 'Home > Edit my profile'. The main content area has a heading 'Welcome to your account, PISTE TEST API ACCES 3'. It includes a sub-instruction 'In this section you will find all the elements relating to your account and its settings.' To the right, there's a cartoon illustration of a person holding a red card with a list of items. The left side of the screen contains two sections: 'Connection Info' (with fields for Email, Name, Organization, and Password) and 'Contact Preferences' (with two sets of checkboxes for newsletter and satisfaction surveys). A 'Save changes' button is located at the bottom right of the form.

Once done, click "Save" to save your input.

5. API Terms of Service ACCEPTANCE

The "Consent of API Terms of Service" section allows you to view and accept the ToS of the exposed APIs to which you have access.

This page gathers the list of ToS by API and by consumption channel (PRODUCTION or SANDBOX); accepting them commits you to respecting the conditions of use specified therein and will allow you to request access from your application created in the APPLICATIONS section (§6.2 and §7.2).

With the search filters, select the API(s) you must accept terms of service and confirm your choice.

Once on the "Consent of API ToS" section, tick the corresponding boxes and validate the API terms and conditions by clicking on the "Validate my ToS choices" button.

Once terms and conditions of the APIs have been validated, the checkboxes of the latter become gray indicating that you have validated.

Agence pour l'informatique financière de l'État

ToS Consent
This page permits you to consent your APIs ToS in order to consume them

Select APIs

Validate my ToS choices

Search

API Name	Environment	ToS
Transverse TST	PROD	AIFE_ChercheurP_Transverse_v1.pdf (421.9Ko)
Factures TST	PROD	AIFE_ChercheurP_factures_v1.pdf (421.9Ko)
Engagements TST	PROD	
DUMe Données essentielles	PROD	
FacturesTravaux REC2	PROD	AIFE_ChercheurP_FacturesTravaux_v1.pdf (421.9Ko)
Factures REC2	PROD	AIFE_ChercheurP_factures_v1.pdf (421.9Ko)
Ingres Noyau v2	PROD	CSU API Ingres Noyau.pdf (923.8Ko)
DUMe Opérateurs Economiques	PROD	
Engagements	PROD	
Utilisateurs TST	PROD	AIFE_ChercheurP_Utilisateurs_v1.pdf (421.9Ko)

lines 1 to 10 of 97

Previous 1 2 3 4 5 — 10 Next

10 Show lines

6. SANDBOX SELF-CREATED APPLICATION

The developer can only create Application for PRODUCTION environment.

6.1 Automatic creation of your application upon first registration

When validating your account on PISTE, an automatic process triggers the creation of a single application on the SANDBOX environment with the API Keys and Oauth credentials. The name of this application visible from the "APPLICATIONS" menu is standardized "APP_SANDBOX_%EMAIL%".

HOME API APPLICATIONS HELP CENTER Type your search here ...

Home > APPLICATIONS

Applications

Applications allow you to create security credentials to consume APIs that are protected by authentication.

List of applications

Create application

Name	Status	Description	Environment	Actions	Organization
APP_SANDBOX_votre.appli.finances.pour.fr	Approved	Sandbox Application	SANDBOX	View metrics	Universelle
testUniverselle	Approved	appli simple	PRODUCTION	View metrics	Universelle

NB:

- If you had already created a SANDBOX application, it has been renamed in accordance with the above rule. The other characteristics (API connection, CREDENTIALS, etc.) of your application and its use remain the same.
- It is not possible to create other SANDBOX applications than the self-created one.

Agence pour l'informatique financière de l'État

- You may see other SANDBOX apps created on the various organizations you are assigned to that will allow you to request API access.
- As a user, it is not possible to create a SANDBOX application. They will all be created automatically during your enrollment by an administrator (see §11.1)

6.2 API linking to your SANDBOX application

Click on the "APPLICATIONS" tab and on your SANDBOX application.

The screenshot shows the 'View Application' page for the application 'APP_SANDBOX_piste.aife_dev1@finances.gouv.fr'. The application is named 'APP_SANDBOX_piste.aife_dev1@finances.gouv.fr', has a status of 'Approved', and was created by 'API Manager Administrator' on '18 October 2022'. It is enabled and runs in 'SANDBOX' environment. Subscribed APIs include 'Carte Achat', 'DUME Attestations', 'DUME Données', and 'DUME Données essentielles'. There is one API key listed with the value '3009f655-0037-4755-809f-8db6e2dbed0'. OAuth credentials and API keys sections are also present.

Click on the "Edit application" button, you will be sent to the modification form your application:

The screenshot shows the 'Edit application' page for the application 'APP_SANDBOX_piste.aife_dev1@finances.gouv.fr'. The application details are identical to the previous view. Under the 'Select APIs' section, there is a table showing the application's subscription to the 'API de Test pour API_Acces TryIt' API, which is version 10 and runs in the 'SANDBOX' environment. The 'Subject to validation' column shows 'Request access' and the 'ToS' column shows 'No'.

Agence pour l'informatique financière de l'État

Click on the link "**Click here to access the consent page**" or on the "Consent CGU API" section.

Select and validate the API Terms of Service by clicking on the "**Validate my ToS choices**" button. (See §5)

Once the API Terms of Service have been validated, you will be able to select the APIs you want to use in your application.

Go back to your application, select the APIs by clicking on the checkboxes and click on the "**Apply changes**" button.

TEST-DATAPASS-230	1.0	-	SANDBOX	<input type="checkbox"/>	Request access	No
tickets	1.0.0	-	SANDBOX	<input type="checkbox"/>		No
Transverses	1.0.0	-	SANDBOX	<input type="checkbox"/>		Yes
Transverses REC2	1.0.0	-	SANDBOX	<input type="checkbox"/>		Yes
Utilisateurs	1.0.0	-	SANDBOX	<input type="checkbox"/>		Yes
Utilisateurs REC2	1.0.0	-	SANDBOX	<input type="checkbox"/>		Yes

Apply changes **Cancel**

After the changes have been applied, the checkboxes for the APIs you had selected will turn gray and the APIs will be added to your app.

HOME API APPLICATIONS HELP CENTER

◀ Applications
View Application:
APP_SANDBOX_piste.aife_dev1@finances.gouv.fr

Edit application

General

Name:	APP_SANDBOX_piste.aife_dev1@finances.gouv.fr	Enabled:	Yes
Description:	Sandbox Application	Status:	Approved
Organization:	Universelle	Created by:	API Manager Administrator
Phone:		Created on:	18 October 2022
Email:	piste.aife_dev1@finances.gouv.fr	Environment:	SANDBOX
Structure information:	Autre		
Application manager:	PISTE TEST API ACCES 3		

Subscribed APIs

API Name	Version	Description	Actions
Carte_Achat	1.0.0	-	<input type="button" value="Actions"/>
DUME Attestations	1.0.0	-	<input type="button" value="Actions"/>
DUME Données	1.0.0	-	<input type="button" value="Actions"/>
DUME Données essentielles	1.0.0	-	<input type="button" value="Actions"/>

API Keys
OAuth Credentials
External OAuth Credentials

To request access to an API from your application which requires approval but which does not have a Terms of Service to validate, you must click on the "Request access" link which takes you to the subscription request form (§ 10.3).

If the API requires ToS approval and validation, the "Request Access" link and checkbox will be grayed out (inactive). The "Request access" link will be accessible once the API ToS have been validated (§5). Once the first access request has been validated, the cache is checked and editable.

After validation of your request by the OrgAdmin, the API is automatically added to your application and the subscribed box is checked. You will receive an email notification

Agence pour l'informatique financière de l'État

informing you of the supplier's decision regarding your request. A reason/message filled in by the OrgAdmin will be filled in the email.

In case of a refusal, you will also be notified by email of the OrgAdmin's decision and your subscription request will not be taken into account.

Click here to access to the consent page

Select APIs

API Name	Version	Description	Tags	Subscribed	Subject to validation	ToS
API de Test pour API_Access Try-it	1.0	-	SANDBOX	<input type="checkbox"/>	Request access	No
CaptchEtat	1.0	-	SANDBOX	<input type="checkbox"/>	Request access	Yes
Carte Achat	1.0.0	-	SANDBOX	<input checked="" type="checkbox"/>	Request access	No
Copy of tracker_2.7.9.0_swagger.json	1.0.0	-	SANDBOX	<input type="checkbox"/>	Request access	No

After connecting the API to your application, click on the "MY API" section and select your API then click the "**Test API**" button.

HOME API APPLICATIONS HELP CENTER ▾

Type your search here 

My APIs API ToS Acceptance

API List Explore our API and see sample responses without writing a single line of code

api, description, type, version, tag 

44 APIs displayed Sort by: Name ascending

API de Test pour API_Access Try-it  Published	CaptchEtat  Published
 Version 1.0 Type REST Tags SANDBOX Environment SANDBOX Test the API View metrics Request access	 Version 1.0 Type REST Tags SANDBOX Environment SANDBOX Test the API View metrics Request access
Carte Achat  Published	Copy of tracker_2.7.9.0_swagger.json  Published
 Version 1.0.0 Type REST Tags SANDBOX Environment SANDBOX Test the API View metrics Request access	 Version 1.0.0 Type REST Tags SANDBOX Environment SANDBOX Test the API View metrics Request access

By clicking on the "**Test API**" button, you will find all information (the host, base path, the url of the OAUTH access points, swagger, etc.) to use your API on SANDBOX.

To recover your credentials, go to your application on the "Authentication" tab, you will find your OAUTH credentials...

Details Authentication

API Keys  Generate

API Key	Javascript Origins	Created	Secret key	Actions
3006f565-8057-4755-8098-8d06e2dbedcb	*	18 October 2022 17:32	 View secret	 Actions

OAuth Credentials  Generate

Client ID	Type	Javascript Origins	Redirect URLs	Created	Secret key	Actions
246725ac-2453-4910-ac94-4752b2ae930c	Confidential	*		2 November 2022 17:23	 View secret	 Actions

External Credentials

Application Scopes  Scopes: chorus.carteaachat

Agence pour l'informatique financière de l'État

The screenshot shows the AIFE API documentation interface. At the top, there's a navigation bar with links for HOME, API, APPLICATIONS, and HELP CENTER. A search bar is also at the top right. Below the navigation, the 'General information' section lists various application details:

Key	Value
Status:	Published
Version:	1.0.0
Host:	https://sandbox-api.piste.dev.chorus.aife.fr/chorus/v1/carteachat/
Base path:	/chorus/v1/carteachat/
CORS:	Enabled
Tags:	SANDBOX
Type:	REST
API_RFA:	chorus.carteachat
Access approvals:	Request access
Email approbateur API:	rudyard.clamy@operafrance.com
URL Prod:	api.piste.gov.fr
Administrator Email:	
URL OAuth SDBX:	sandbox-oauth.piste.gov.fr
URL OAuth:	oauth.piste.gov.fr
Need approval:	Yes
URL SDBX:	sandbox-api.piste.gov.fr
Download the documentation:	Swagger 2.0 (JSON)
Added:	18 October 2022 17:41
Environment:	SANDBOX

The 'API Documentation' section includes tabs for 'Test' and 'Usage'. It displays a snippet of code requiring authentication:

```
You must fulfill the authentication requirements before you can try out the methods below.  
APP_SANDBOX_piste.aife_dev@finances.gouv.fr - 246725ac-2453-49fb-a94-4752b2ef90c  
Scheme: https ▾ Authorize 
```

NB: It is impossible to create other SANDBOX applications than self-created ones.

6.3 Changes to the self-created SANDBOX application

The name of your SANDBOX application cannot be changed.

You are invited to modify this application (§ 6.1) to link your APIs from the SANDBOX catalog, or to add or modify the credentials.

NB: To delete your application, it is necessary to send a request to PISTE support.

6.4 Terms of Use of your SANDBOX Application

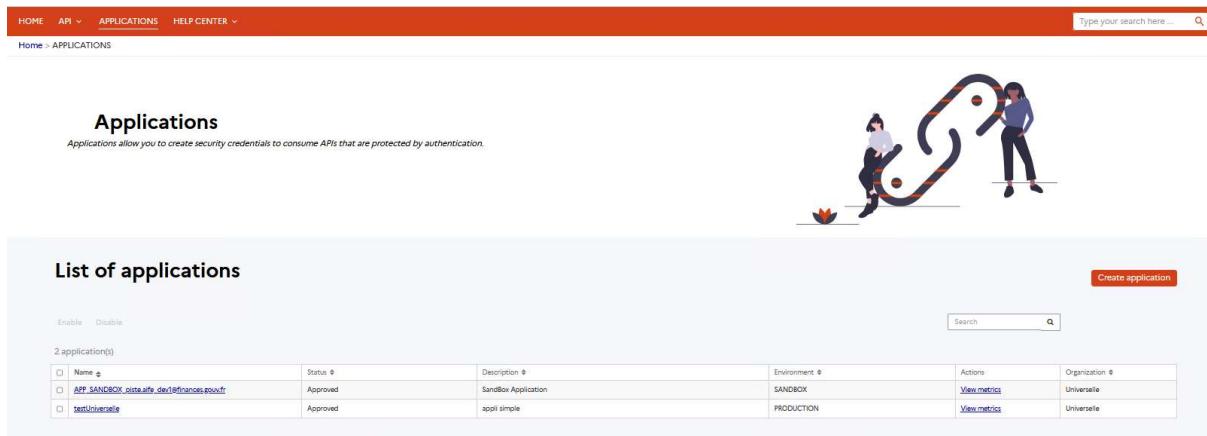
Use of the SANDBOX application is limited to a quota of 1 000 000 calls per day. If you exceed this limit, the service will no longer be provided and an HTTP error 429 Too many requests will be raised. For any request to change this limitation, please send a request to support in the Help > Contact section.

7. APPLICATION in PRODUCTION

7.1 Creating an application

To create an application, log in and navigate to the "APPLICATIONS" menu:

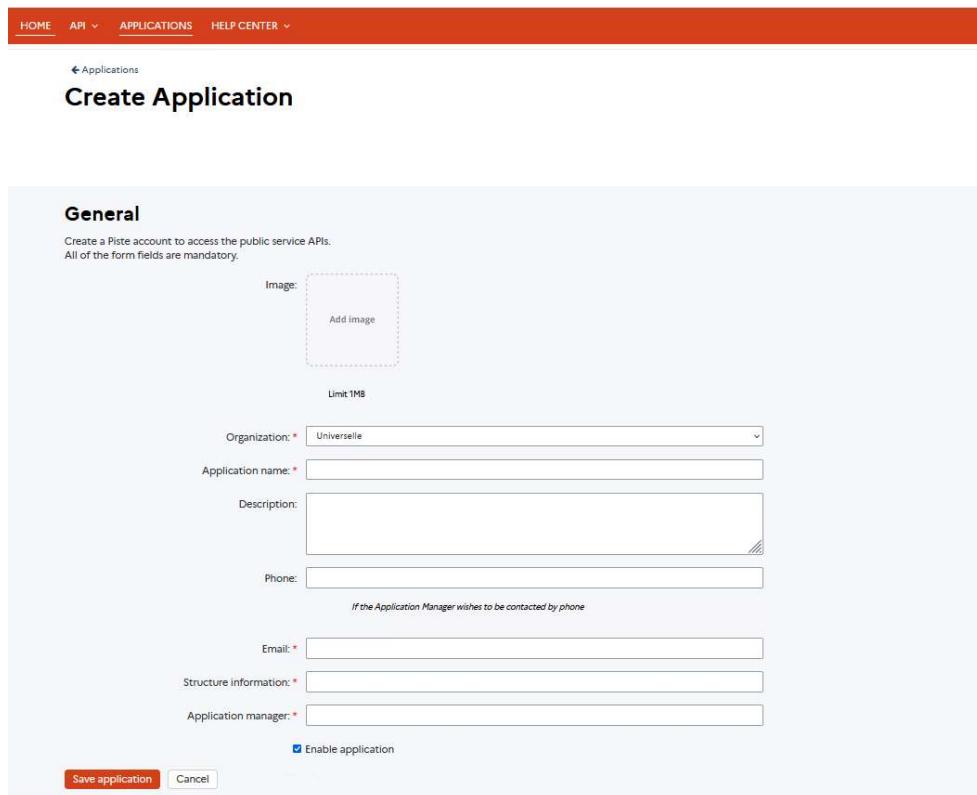
Agence pour l'informatique financière de l'État



The screenshot shows the 'Applications' section of the AIFE website. At the top, there's a navigation bar with links for HOME, API, APPLICATIONS (which is highlighted), and HELP CENTER. A search bar is also present. Below the navigation, it says 'Home > APPLICATIONS'. The main area is titled 'Applications' with a sub-instruction: 'Applications allow you to create security credentials to consume APIs that are protected by authentication.' There's a 'Create application' button in the top right. A cartoon illustration of two people working on a large document is in the background. The central part shows a table of 'List of applications' with columns for Name, Status, Description, Environment, Actions, and Organization. Two entries are listed: 'APP_SANDBOX_oite.aife.dev/frances.pouvr' (Approved, Sandbox Application, Environment: SANDBOX, Actions: View metrics, Organization: Universelle) and 'testUniverselle' (Approved, appl simple, Environment: PRODUCTION, Actions: View metrics, Organization: Universelle).

Then click "**Create application**":

Fill the general information about your application. The name of the application must be unique and cannot contain special characters other than the characters “-” or “_”.



The screenshot shows the 'Create Application' form. At the top, there's a back arrow labeled '← Applications' and the title 'Create Application'. Below that is a 'General' tab. The form fields include:

- Image:** A placeholder box with 'Add image' text and a 'Limit 1MB' note.
- Organization:** A dropdown menu set to 'Universelle'.
- Application name:** An input field.
- Description:** A text area.
- Phone:** An input field with a note: 'If the Application Manager wishes to be contacted by phone'.
- Email:** An input field.
- Structure information:** An input field.
- Application manager:** An input field.
- Enable application:** A checked checkbox.

At the bottom are 'Save application' and 'Cancel' buttons.

The use of certain APIs requires reading and then validating the specific associated ToS. You can consult and validate them by clicking on the link [Click here](#) to access the consent page or on the CONSENT section CGU API (Cf. §5).

Once the API Terms of Service have been validated, you will be able to select the APIs you wish to use in your application then click on "**Save the application**" to validate your input

If the APIs selected in your application are subject to validation by the API approver ((Cf. §6.2)).

7.2 Modification of an Application

To access information about an application or to modify it, open it by clicking on its name or icon. The following two tabs are available:

- In the "Details" tab, you have access to general information;
- In the "Use" tab, you can view the usage of your application statistics.

To change the authentication information for your application or add APIs to it, click the button "Edit application":

API Name	Version	Description	Type	Subscribed	Subject to validation	Tel
API de test pour API_Accès Trial	1.0	-	SANDBOX	<input type="checkbox"/>	Request access	No
Casinolet	1.0	-	SANDBOX	<input type="checkbox"/>	Request access	Yes
Carre Achat	1.0.0	-	SANDBOX	<input checked="" type="checkbox"/>	Request access	No
Copy of inviter_2/100_wagger.json	1.0.0	-	SANDBOX	<input type="checkbox"/>	Request access	No
DMP API Adherents	1.0.0	-	SANDBOX	<input type="checkbox"/>	Request access	No
DMP API Administrations	1.0.0	-	SANDBOX	<input checked="" type="checkbox"/>	Request access	No
DMP API Données	1.0.0	-	SANDBOX	<input checked="" type="checkbox"/>	Request access	No

NB: Please note that you can only change the authentication information, add or remove API to your application, it is not possible to change the name of the application anymore.

As for SANDBOX applications, you can select and/or request access to the APIs for which you have visibility in the table at the bottom of the page.

7.3 Authentication Types

From the "Authentication" tab, notice that API Key/Oauth authentication credentials are automatically generated while creating of your application. However, it is possible to generate new authentication information as like API Key type, identification, Oauth, external identification or scopes.

NB: "External IDs' are not used on PISTE so far.

Agence pour l'informatique financière de l'État

The screenshot shows the 'Edit Application' interface for 'APP_SANDBOX_piste.aife_dev1@finances.gouv.fr'. The 'Authentication' tab is active. Under 'API Keys', there is one entry: '3008f565-8057-4755-809f-8d06e2bbedb'. Under 'OAuth Credentials', there is one entry: '246725ac-2453-49fb-ac94-4752b2eeff30c'. Under 'External Credentials' and 'Application Scopes', no entries are present.

NB: Since "external credentials" are not currently used on PISTE, there is no dedicated paragraph in this guide.

7.4 Generating a Key API

Click the "**Generate**" button to start generating an API Key:

The screenshot shows the 'Edit Application' interface for 'APP_SANDBOX_piste.aife_dev1@finances.gouv.fr'. The 'Details' tab is active. Under 'API Keys', there is one entry: '3008f565-8057-4755-809f-8d06e2bbedb'. Under 'OAuth Credentials', there is one entry: '246725ac-2453-49fb-ac94-4752b2eeff30c'. Under 'External Credentials' and 'Application Scopes', no entries are present.

Then go back to the tab "Details" and click "**Apply Changes**" to save the information. Your application is now operational.

7.5 Generation of an Oauth ID

Click on the button "**Generate**" to start generating an OAuth ID:

The screenshot shows the 'Edit Application' interface for 'APP_SANDBOX_piste.aife_dev1@finances.gouv.fr'. The 'OAuth Credentials' section is active. A table lists one OAuth credential: Client ID '246725ac-2453-49fb-ac94-4752b2eeff30c', Type 'Confidential', Javascript Origins '*', Redirect URLs '', Created '2 November 2022 15:23', Secret key '...', and Actions 'Actions'.

The following window pops up, complete all the requested information and click on "**Generate a client**" for your username.

Generate OAuth Client Credentials

The screenshot shows a web-based configuration interface for generating OAuth client credentials. At the top, it says "Generate OAuth Client Credentials". Below that, there's a section for "Application type" with two options: "Confidential" (selected) and "Public". A note below says "One redirect URL per line, Use HTTPS only" and "If you want to use these OAuth credentials with API Portal Authorization code flow, you must use our Redirect URL - https://developer.piSTE.dev/chorus.aife/cb". There's also a field for "X.509 certificate" with a note about verifying JWT tokens and SAML assertions. At the bottom right are "Generate client" and "Cancel" buttons.

7.6 Choice type of application OAuth

OAuth defines two types of consumers based on their ability to securely authenticate to the authorization server. Depending on your use case, you choose the type of public or confidential client:

- **Confidential:** This client that has the ability to maintain the confidentiality of his credentials or secure customer authentication using other means.
- **Public:** This client does not have the skills of a confidential client to secure credentials.

7.7 Callback URL

The callback URL is used to specify to which URL the authorization server information (containing the authorization code and the access token) will be transmitted. If there is no need for redirection, this may be left blank for particular flow Client Credentials.

7.8 X.509 certificate

As indicated, this field specifies the certificate that is used to verify the token signature submitted by PISTE. If not necessary, there is no need to complete this field.

If needed, you can contact the PISTE team through the contact form. Help> Contact.

7.9 Regenerate Client secret

A Client ID can be modified, disabled, removed or accessed by selecting one of "Shares" available.

Agence pour l'informatique financière de l'État

The screenshot shows the 'Authentication' tab of an API management interface. It includes sections for 'API Keys', 'OAuth Credentials', 'External Credentials', and 'Application Scopes'. Each section has a 'Generate' button and a table with specific details like Client ID, Type, Javascript Origins, Redirect URLs, Created date, Secret key, and Actions (Edit, Disable, Delete).

Regenerating the secret helps preventing from unauthorized access. It is accessible from the "Modify" action then the "Regenerate" button. Once this is done, the old secret becomes invalid. Use the new Client Secret to request new access tokens.



Note: For security reasons, it is highly recommended to regenerate a Client secret regularly. We recommend a change every 3 months.

7.10 Terms of use of your application

The use of your application is subject to a quota limited by default to 20 requests per second. If you exceed this threshold, an HTTP 429 Too Many Requests/Too many requests error will be returned. This quota can be modified:

- On the initiative of PISTE administrators
- At the initiative of API providers in order to limit access
- At the initiative of consuming applications through a request. This request will have to be justified and subject to approval by the PISTE administrators and API providers.

This newly defined quota will take precedence over the default one.

8. TESTING MODE OAuth AUTHENTICATION FOR SANDBOX

PISTE allows, through its portal, to test an API if it is connected to its provider. This makes it easier to discover and become familiar with API features. It is a development tool. It is not advised to use it for validation or integration testing purposes.

Agence pour l'informatique financière de l'État

To test an API, it is necessary to be logged-in and go to the "My API" menu and choose the API you want to test then click on "Test the API" then on the next page in the Documentation section, choose your SANDBOX credentials then click on Authorize:

The screenshot shows the API documentation interface. In the 'General information' section, details like version (1.0), base path (https://sandbox-epi.piste.dev.chorus.gouv.fr/chorus/v1/creachat/), and environment (SANDBOX) are listed. In the 'API Documentation' section, there are tabs for 'Test' and 'Usage'. The 'Test' tab is selected, showing a list of API methods under the 'regles_chas' endpoint. The methods listed are:

- GET /regles_chas/liste : Recherche multicritères d'une liste de règles d'imputation
- POST /regles_chas : Création d'une nouvelle règle d'imputation avec modèle
- PUT /regles_chas/{id} : Consultation d'une règle d'imputation existante
- PUT /regles_chas/{id}_chat : Modification d'une règle d'imputation existante
- PUT /regles_chas/health_check : Vérification de l'état de fonctionnement de l'API

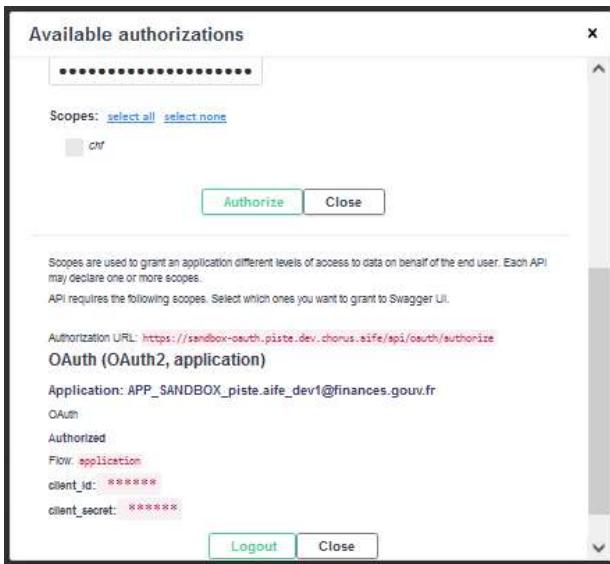
An 'Authorize' button is visible at the bottom right of the 'Test' tab.

Choose the client_id of the application from which you can launch API requests, then click on le bouton « **Authorize** ».

This screenshot shows the same API documentation interface, but the 'Usage' tab is now selected. The 'Test' tab is still visible at the top left. The 'Authorize' button is present at the bottom right of the 'Test' tab area.

On the next popin "Available authorizations", choose in the second section the scopes you want then click on "**Authorize**", you will see the "logout" button appear confirming the correct generation of the access token.

Agence pour l'informatique financière de l'État



In the "Explorer" tab, select the API Key for your application. You can open the service you want to test by clicking on its name or on the verb positioned to the left of its name. In the example below, the "/ consult/ping" is tested:

Click the "Execute". You will get the result of your API call.

The screenshot shows the Swagger UI interface for the /consult/ping endpoint. The top bar indicates it's a GET request to /consult/ping. Below the method, there's a section for 'Parameters' which says 'No parameters'. Under 'Responses', there's a 'Responses' tab and a 'text/plain' dropdown set to 'text/plain'. The 'Request URL' is https://sandbox-api.piste.dev.chorus.aife.dev/api/france-beta/it-engine-app/consult/ping. The 'Server response' section shows a 200 status code with a 'Response body' containing the word 'pong'. Below this, 'Response headers' show various HTTP headers including 'Content-Type: application/json; charset=ISO-8859-1'. At the bottom, there are tabs for 'Responses' and 'Code'.

NB: Examples of calls (curl, nodejs, etc.) are available on the window which can help you with the development of your applications. These are only examples on which you can draw inspiration as a developer and which you will have to adapt according to your environment of use. As a reminder, the access points to be used are described in the appendix §12.2

Note: For usage problems, please contact the PISTE team through the contact form.

9. OBTAINING OAuth token FOR PRODUCTION

You can get an Oauth token via the Oauth2.0 protocol with the ClientCredentials flow.

To obtain a token on OAuth2.0 PISTE, the request is:

```
POST https://sandbox-oauth.piste.gouv.fr/api/oauth/token
grant_type=client_credentials&client_id=XXXX&client_secret=YYYYYY&scope=open
id
```

for RIE access

```
POST https://sandbox-oauth.aife.finances.rie.gouv.fr/api/oauth/token
grant_type=client_credentials&client_id=XXXX&client_secret=YYYYYY&scope=open
id
```

with HTTP header

Content-Type: application/x-www-form-urlencoded

The screenshot shows a REST client interface with the following details:

- Request 1** (POST /api/oauth/token)
- Parameters:**

Name	Value	Style	Level
grant_type	client_credentials	QUERY	RESOURCE
client_id		QUERY	RESOURCE
client_secret		QUERY	RESOURCE
scope	openid	QUERY	RESOURCE
- Headers:**

Header	Value
Authorization	Basic
- Response:**

HTTP/1.1 200 OK
Date: Wed, 05 Jun 2019 13:53:56 GMT
Server:
X-CorrelationID: Id-74c9f75ce5392c914885efa30
Authorization: Basic
OWJjIMDNhOWEY2VmNS00NDcyLlhNmEtODU22GUwMDU5YWyOjNkOTE1NW4lWE4NWtNGjMyI
hMmuhLWjhZG5MTlkOWI2Ng==
Host: sandbox-oauth.aife.economie.gouv.fr
User-Agent: Apache-HttpClient/4.1.1 (java 1.5)
Cache-Control: no-store
Content-Type: application/json
Pragma: no-cache
Keep-Alive: timeout=5, max=300
Connection: Keep-Alive
Transfer-Encoding: chunked

The response should be similar to below:

Agence pour l'informatique financière de l'État

```
{  
    "access_token": "4DTckhymSU2NKdGt4R4AH3No6Clrv7m9ZY40iM9JvLvvHKZpHmOmhs",  
    "token_type": "Bearer",  
    "expires_in": 3600,  
    "scope": "openid"  
}  
GET https://sandbox-api.aife.economie.gouv.fr/piste/healthcheck HTTP/1.1  
Accept-Encoding: gzip,deflate  
Authorization: Bearer olmzlsreGzGPecbP60dnwgtS6uMjQRFjaoLRr8q8tEYaSDcZCoib  
Host: sandbox-api.aife.economie.gouv.fr  
Connection: Keep-Alive  
User-Agent: Apache-HttpClient/4.1.1 (java 1.5)
```

Where 4DTckhymSU2NKdGt4R4AH3No6Clrv7m9ZY40iM9JvLvvHKZpHmOmhs is the token to be sent to each API request. The token timeout is 3600 seconds.

To consume the API, simply perform the following query (adding the Authorization header: Bearer <access_token> each query):

For example on SoapUI:

The screenshot shows the SoapUI interface with the following details:

- Request 1**:
 - Method: GET
 - Endpoint: https://sandbox-api.aife.economie.gouv.fr
 - Resource: /piste/healthcheck
 - Parameters: None
- Raw Request**:
 - Name: Value
 - Style: Level
- Raw Response**:
 - HTTP/1.1 200 OK
 - Date: Wed, 05 Jun 2019 14:13:00 GMT
 - Server: Apache
 - Max-Forwards: 20
 - Via: 1.0 f1sisea210 (), 1.0 f1sisea210 ()
 - X-CorrelationID: Id-eccdf75c96f65898eb6ddaa0 0; Id-eccdf75c99f62cd63c7568fe 0
 - Host: localhost:8080
 - User-Agent: Apache-HttpClient/4.1.1 (java 1.5)
 - Content-Type: text/xml
 - Content-Encoding: gzip
 - Transfer-Encoding: chunked
 - <status>ok</status>
- Required:** Sets if parameter is required
- Type:** dropdown menu
- Options:** list with Add, Edit, Remove buttons
- Header**:
 - Header: Authorization, Value: Bearer 4DTckhymSU2NKdGt4R4AH3No6Clrv7m...
- Auth**: Headers (1), Attachments (0), Representations (0), JMS Headers, JMS Property (0)
- SSL Info**: 2 certs
- response time: 294ms (19 bytes)
- 1:1

If the call returns a code "200" than means you have been correctly accessing the resource.

Bellow, a POSTMAN example :

Agence pour l'informatique financière de l'État

The screenshot shows a POST request to <https://sandbox-oauth.piste.gouv.fr/api/oauth/token>. The Body tab is selected, showing a form-data payload:

KEY	VALUE	DESCRIPTION	Bulk Edit
grant_type	client_credentials		
client_id	a7af64d-xxxxxxxxxxxxxx		
client_secret	62d48a1d-xxxxxxxxxxxxxx		
scope	openid		
Key	Value	Description	

The response body is JSON:

```
1 [JSON] "access_token": "zfSD6wwaBtfwTECLYLcLrrOCBxUdUyPmJ1lQsUrkxOw0y8ois2Nugs",  
2 "token_type": "Bearer",  
3 "expires_in": 3600,  
4 "scope": "openid resource.READ"  
5  
6 [Raw]
```

NB: PISTE respects RFC OAUTH2.0 6749 whose references are on <https://datatracker.ietf.org/doc/html/rfc6749>

10. API SUBSCRIPTION REQUEST

The subscription request is made with a form which is accessible in several ways by an user being either a "User" or an "OrgAdmin":

- From the API catalog
- From the form of an API
- From the modification screen of an application

The form allows you to request subscription to part or all of the scopes of an API, for a given application.

10.1 Accessing the API access request form from the API catalog

10.2 Offline mode:

Click on the " API LIST" menu to explore the list of APIs

Agence pour l'informatique financière de l'État

My APIs

Explore our API and see sample responses without writing a single line of code.

api, description, type, version, tag

Sort by: Name ascending

40 APIs displayed

API Name	Status	Version	Type	Tags	Environment	Action
CaptchEtat	Published	Version 1.0	REST	SANDBOX	SANDBOX	Request access
Carte Achat	Published	Version 1.0	REST	SANDBOX	SANDBOX	Request access
DUME Acheteurs	Published	Version 1.00	REST	SANDBOX	SANDBOX	Request access
DUME Attestations	Published	Version 1.00	REST	SANDBOX	SANDBOX	Request access

Click on the "Request access" link which takes you to the PISTE login page. After logging in, you will be redirected to the API access request form.

API access request

Do you want to subscribe to new APIs subject to validation, or request new scopes on your APIs? Complete the form below and click submit, your request will be forwarded to the API administrator for instruction. Its decision will be notified to you by email.

Subscription request to Carte Achat. This request will cancel and replace your application's existing access to the API.

The use of this API will not be possible until your subscription request has been validated.

All fields with an asterisk (*) are mandatory.

Applicant

Reason for the request*

Application target*

Select scopes

API Scopes

Scope Name
chorus.cartesachat
chf

Show lines

After completing the form, click on the "Submit" button. If the form is completed correctly, you will be redirected to the page of the selected application and the message "Success" is displayed.

Agence pour l'informatique financière de l'État

The screenshot shows the AIFE application management interface. At the top, there's a red header bar with links for HOME, API, APPLICATIONS, and HELP CENTER. A green success message box says "Success Successful action". Below the header, the page title is "View Application: testUniverselle". There are tabs for "Details" and "Usage". The "Details" tab is selected, showing a "General" section with application details like Name: testUniverselle, Description: appli simple, Organization: Universelle, etc. It also shows API keys, OAuth credentials, and external OAuth credentials. A red "Edit application" button is in the top right corner.

10.3 Online mode:

Click on the “MY API” menu to explore the list of APIs.

The screenshot shows the AIFE API list interface. The top navigation bar has "API ToS Acceptance" highlighted in red. The main area displays four published APIs in cards:

- API de Test pour API_Access Try-it**: Published, Version 1.0, Type REST, Tags: SANDBOX, Environment: SANDBOX. Buttons: Test the API, View metrics, Request access.
- CaptchEtat**: Published, Version 1.0, Type REST, Tags: SANDBOX, Environment: SANDBOX. Buttons: Test the API, View metrics, Request access.
- Carte Achat**: Published, Version 1.0, Type REST, Tags: SANDBOX, Environment: SANDBOX. Buttons: Test the API, View metrics, Request access.
- Copy of tracker_2.7.9.0_swagger.json**: Published, Version 1.0, Type REST, Tags: SANDBOX, Environment: SANDBOX. Buttons: Test the API, View metrics, Request access.

Click on the “Request access” link which leads you to the subscription request form.

Agence pour l'informatique financière de l'État

The screenshot shows the 'API access request' page. At the top, there's a navigation bar with links for HOME, API, APPLICATIONS, and HELP CENTER, along with a search bar. Below the navigation is a section titled 'API access request' with a sub-instruction: 'Do you want to subscribe to new APIs subject to validation, or request new scopes on your APIs? Complete the form below and click submit, your request will be forwarded to the API administrator for instruction. Its decision will be notified to you by email.' To the right of this text is a small illustration of a person holding a tablet with a checkmark on it. The main form area contains fields for 'Applicant' (with a placeholder 'pierre.aife_dev1@finances.gouv.fr'), 'Reason for the request*' (a large text area), 'Application target*' (a dropdown menu showing 'Select application'), 'Select scopes' (a dropdown menu showing 'lines 1 to 2 of 2'), and 'API Scopes' (a table with three rows: 'chonu.carteachat', 'chf', and a 'Show lines' button). At the bottom are three buttons: 'Submit' (red), 'Submit and reapply' (blue), and 'Cancel'.

On this form:

- The applicant field is filled in by default. This information cannot be changed.
- The reason of the request field is a mandatory field, cannot be filled in with 3 spaces and must contain a minimum of 3 characters and a maximum of 200 characters.
- The target application field is a mandatory field, it contains the list of applications attached to the user's organization
- List of API scopes

After completing the form, click on the "Submit" button. If the form is completed correctly, you will be directed to the page of the selected application and the message "Success" is displayed.

Agence pour l'informatique financière de l'État

The screenshot shows the 'View Application' page for 'testUniverselle'. At the top, there's a green success message: 'Success Successful action'. Below it, the application name 'testUniverselle' is displayed with a back arrow labeled 'Applications'. A red 'Edit application' button is in the top right. The main content area has tabs for 'Details' (selected) and 'Usage'. The 'General' section contains application details like Name, Description, Organization, Phone, Email, Structure information, Application manager, Enabled, Status, Created by, Created on, and Environment. Below this, sections for 'Subscribed APIs', 'API Keys', 'OAuth Credentials', and 'External OAuth Credentials' are shown, each with a 'No [type] defined' message and an 'Edit the application' link.

10.4 Access the API access request form from the API file

Display the API file then click on the “Request access” link which takes you to the subscription request form (§10.1.2).

The screenshot shows the API file 'Carte Achat - 1.0.0'. At the top, there's a red header bar with 'HOME', 'API', 'APPLICATIONS', 'HELP CENTER', and a search bar. The main content area has a 'General information' section with various configuration parameters like Status, Version, Host, Base path, CORS, Tags, Type, API_RFA, Access approvals, Email approuveur API, URL Prod, Administrator Email, URL OAuth SDBX, URL OAuth, Need approval, URL SDBX, Download the documentation, Added, and Environment. Below this is an 'API Documentation' section with 'Test' and 'Usage' tabs. The 'Test' tab is selected, showing a Swagger UI interface with a 'Request access' button highlighted in yellow. The URL in the browser is 'APP_5ANDBOX_piste.aife_dev@finances.gouv.fr - 246725ac2453-491a-ac94-4752b2ae930c' and the scheme is set to 'https'.

10.5 Access the API access request form from the application edit screen

Online mode:

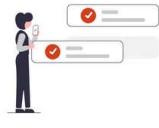
Click on the “APPLICATIONS” tab then on your SANDBOX application.

Click on the “Request access” link which leads you to the subscription request form (§6.2 or §7.2).

Agence pour l'informatique financière de l'État

HOME API APPLICATIONS HELP CENTER Type your search here... 

API access request
Do you want to subscribe to new APIs subject to validation, or request new scopes on your APIs? Complete the form below and click submit, your request will be forwarded to the API administrator for instruction. Its decision will be notified to you by email.



Subscription request to Carte Achat. This request will cancel and replace your application's existing access to the API.
The use of this API will not be possible until your subscription request has been validated.
All fields with an asterisk (*) are mandatory.

Applicant
pierre.aife_dev1@finances.gouv.fr

Reason for the request*
Specify Name, organization or Siret applicant. Brief description of the need, Name and objectives of the project in a few lines

Application target*
Select application

Select scopes
lines 1 to 2 of 2

API Scopes

	Scope Name
<input type="checkbox"/> 	chonus.carteachat
<input type="checkbox"/> 	chf

10 | Show lines Previous 1 Next

Buttons: Submit, Submit and reapply, Cancel

Fill in the form :

- The applicant field is filled in by default. This information cannot be changed.
- The reason for the request field is a mandatory field, cannot be filled in with 3 spaces and must contain a minimum of 3 characters and a maximum of 200 characters.
- The target application field is a mandatory field, it is grayed out because it corresponds to the application on which the access request is made.
- List of API scopes

After completing the form, click on the "Submit" button. If the form is completed correctly, you will be redirected to the page of the selected application, the message "Success" is displayed and a notification is sent by email to the API provider's OrgAdmin prompting it to process the request therefore the checkbox becomes grayed out (not selectable).

If you are OrgAdmin, submitting the request automatically adds the API to your application and checks the box.

Agence pour l'informatique financière de l'État

The screenshot shows the 'Details' tab of an application configuration page. At the top, there's a green success message box. Below it, the application name is displayed as 'APP_SANDBOX_piste.aife_dev1@finances.gouv.fr'. The 'General' section contains various metadata fields like Name, Description, Organization, and Environment. The 'Subscribed APIs' section lists several APIs from the PISTE platform.

API Name	Version	Description	Actions
Carte Achat	1.0.0	-	▼ Actions
DUME Attestations	1.0.0	-	▼ Actions
DUME Données	1.0.0	-	▼ Actions
DUME Données essentielles	1.0.0	-	▼ Actions

11. ADMINISTRATION

The functionalities described in the following paragraphs are dedicated to OrgAdmin users who have an administrator profile allowing them to access functionalities oriented on management (Users, access rights, etc.) and on the use of the APIs of which they are managers.

11.1 User enrolment

This feature allows you to give access to users already registered on PISTE to use your APIs. In the "ADMINISTRATION" tab, select the "User enrollment" menu.

Select an organization and fill in their email and click on Add, they will benefit from access to your APIs. In the same way, you can withdraw access to your APIs from users by entering their email and clicking on Remove.

The screenshot shows the 'User enrolment' page. It has a form where you can specify an organization and an email address. Below the form, there's a list of emails with an 'Add' button at the bottom.

Organization	Email	Add
SERVICE TNCP	mamadou.bah.yokho_cpro@prestataire.finances.gouv.fr	+ Add

By clicking on the "Add" button, a confirmation pop-in is displayed.

Agence pour l'informatique financière de l'État

The screenshot shows the Piste platform's user enrollment interface. At the top, there is a navigation bar with links for HOME, API, APPLICATIONS, ADMINISTRATION, and HELP CENTER. Below the navigation, a breadcrumb trail indicates the current location: Home > ADMINISTRATION > User enrolment. The main section is titled "User enrolment" and contains a message about adding users to APIs. A modal dialog box is overlaid on the page, asking for confirmation to add users to the "SERVICE-TNCP" organization. The dialog lists one email address: mamadou.bakhayokho_cpro@prestataire.finances.gouv.fr. It includes "Confirm" and "Cancel" buttons.

By confirming the addition, you are redirected to the user enrollment page, the user is added to the organization you selected and two applications are created for him, one on the SANDBOX channel and another on the PRODUCTION channel. User can benefit from access to your APIs.

The screenshot shows the Piste platform's user enrollment interface after a user has been added. The top navigation bar and breadcrumb trail are identical to the previous screenshot. The main section is titled "User enrolment" and contains a message about adding users to APIs. Below this, a table titled "Result of adding of users to the \"SERVICE-TNCP\" organization" is displayed. The table has four columns: Email, Organization, Result of request, and Messages. The "Email" column contains the value "mamadou.bakhayokho_cpro@prestataire.finances.gouv.fr". The "Organization" column contains the value "SERVICE-TNCP". The "Result of request" column contains a green checkmark. The "Messages" column contains two items: "PRODUCTION: The user has been added successfully." and "SANDBOX: The user has been added successfully.". A "Continue" button is visible at the bottom left of the table.

By clicking on the "Remove" button, a confirmation pop-in is displayed

Agence pour l'informatique financière de l'État

The screenshot shows the Piste web interface. At the top, there is a header with the French Republic logo, the word "Piste", and navigation links for HOME, API, APPLICATIONS, ADMINISTRATION, and HELP CENTER. Below the header, a breadcrumb trail indicates the current location: Home > ADMINISTRATION > User enrolment. The main content area is titled "User enrolment" and contains a sub-section titled "List of email". A modal dialog box is open, asking for confirmation to remove users from the "SERVICE-TNCP" organization. The dialog lists one email address: "mamadou.bakhayoko_cpro@prestataire.finances.gouv.fr". At the bottom right of the dialog are "Confirm" and "Cancel" buttons.

By confirming the removing, you are redirected to the user enrollment page, the user and his applications are deleted from the organization you selected.

The screenshot shows the Piste web interface after a user has been removed. The header and breadcrumb trail are identical to the previous screenshot. The main content area is titled "User enrolment". A table titled "Result of removing of users to the \"SERVICE-TNCP\" organization" displays the removed user's information: Email (mamadou.bakhayoko_cpro@prestataire.finances.gouv.fr), Organization (SERVICE-TNCP), Result of request (green success icon), and Messages (two entries: "PRODUCTION: The user has been removed successfully" and "SANDBOX: The user has been removed successfully"). At the bottom left is a "Continue" button, and at the top right is a search bar with placeholder text "Type your search here".

11.2 User management

This feature allows you to create, activate, deactivate and delete a user.

In the "ADMINISTRATION" tab, select the "User management" menu,

Agence pour l'informatique financière de l'État

The screenshot shows a table titled "15 user(s)" with columns: Name, Login Name, Status, Email, Organization (Role), and Registered. The table lists three users: "Admin AIFE SUPPORT" (Approved, email: admin_aife_support@aife.fr, roles: INTAIFE/Organization Administrator, INT-CHORUS/Organization Administrator, EXT-MTE/Organization Administrator, SERVICE-MTE/Organization Administrator, INTTME/Organization Administrator, INT-CHORUS-SUPPORT (Organization Administrator)), "Audrey-TEST" (Approved, email: audreytest@mail.com, roles: SERVICE_TESTS/Application Developer, INT-CHORUS/Organization Administrator, Organization test (Organization Administrator), INTAIFE/Organization Administrator, SERVICE_AWARY_SPU (Application Developer), Universe (Application Developer)), and "EDOUDHANANOU Andre-Eric" (Approved, email: edouedhuananou@france-aife.fr, roles: INT-CHORUS/Organization Administrator, SERVICE-CHORUS (Organization Administrator), INT-CHORUS (Organization)).

To create a user click on the "Create user" button and fill in the form then click on the "Save user" button.

You have the possibility to create a password that you must communicate to the user or generate a temporary password addressed to the user by email. It is necessary to notify the user in both cases.

To complete the user account creation, click on « Save user » button.

The user can access to the APIs, as an OrgAdmin you are responsible of, using his user/password you just created.

The "Create User" form has a "General" section with fields: Email*, Name*, Organization*, Role*, and Password*. The "Role*" dropdown contains "Application Developer". The "Password*" dropdown has two options: "Email random password" (selected) and "Set Manually". At the bottom are "Save user" and "Cancel" buttons.

11.3 Top consumer

In the "ADMINISTRATION" tab, select the "Top Consumer" on the menu to view the call volumes of your APIs over a given period

Agence pour l'informatique financière de l'État

HOME API APPLICATIONS ADMINISTRATION HELP CENTER

Type your search here ...

Home > ADMINISTRATION > Top consumer

Metrics - Top consumer

Choose a consumption period

from to

Choose an API

Activité

Choose Top

5

11.4 Smartheathcheck

In the "ADMINISTRATION" tab, select the "API Health" menu to view the status of your APIs you are responsible of. This feature requires the existence of a healthCheck endpoint set when exposing your API.

HOME API APPLICATIONS ADMINISTRATION HELP CENTER

Type your search here ...

Smartheathcheck



lines 1 to 10 of 13

Search Refresh

API Name	Status	Calculation method	API health delay	
Activité	Uncalibrated	Healthcheck Consommation	1 DY	<input type="button" value="D"/>
Carte Achat	Up	Healthcheck fournisseur		<input type="button" value="D"/>
Demande Achat	Up	Healthcheck fournisseur		<input type="button" value="D"/>
Fournisseurs v1	No data			<input type="button" value="D"/>
Fournisseurs v2	Up	Healthcheck fournisseur		<input type="button" value="D"/>
Paiements	Down	Healthcheck fournisseur		<input type="button" value="D"/>
Perimmo	Up	Healthcheck fournisseur		<input type="button" value="D"/>
RIB v1	No data			<input type="button" value="D"/>
RIB v2	Up	Healthcheck fournisseur		<input type="button" value="D"/>
référentiel des taux de change	Up	Healthcheck fournisseur		<input type="button" value="D"/>

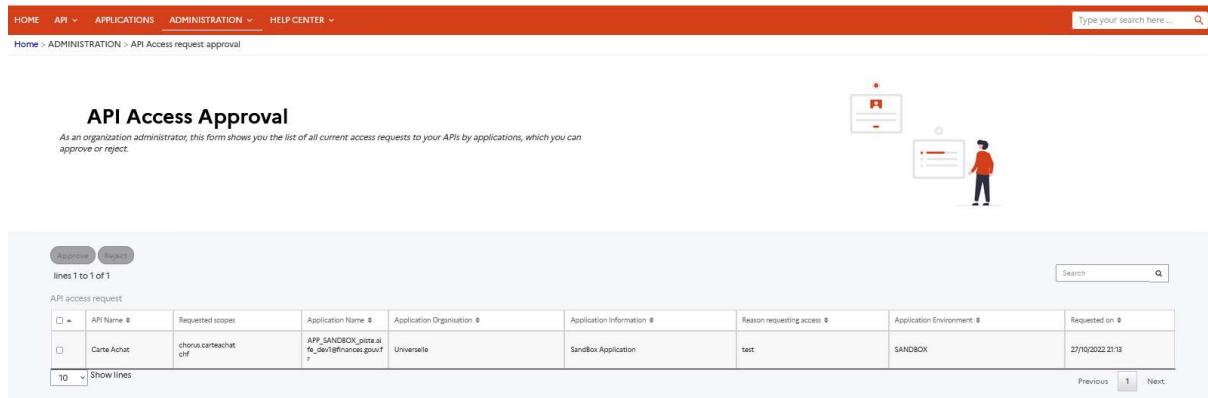
10 Show lines

Previous Next

11.5 API Access request Approval

The "API Access Approval" page, as shown in the figure below, is accessible in the "ADMINISTRATION" menu.

Agence pour l'informatique financière de l'État



The screenshot shows a web interface titled "API Access Approval". At the top, there are buttons for "Approve" and "Reject". Below this, a message states: "As an organization administrator, this form shows you the list of all current access requests to your APIs by applications, which you can approve or reject." A search bar is at the top right. The main area displays a table of API access requests:

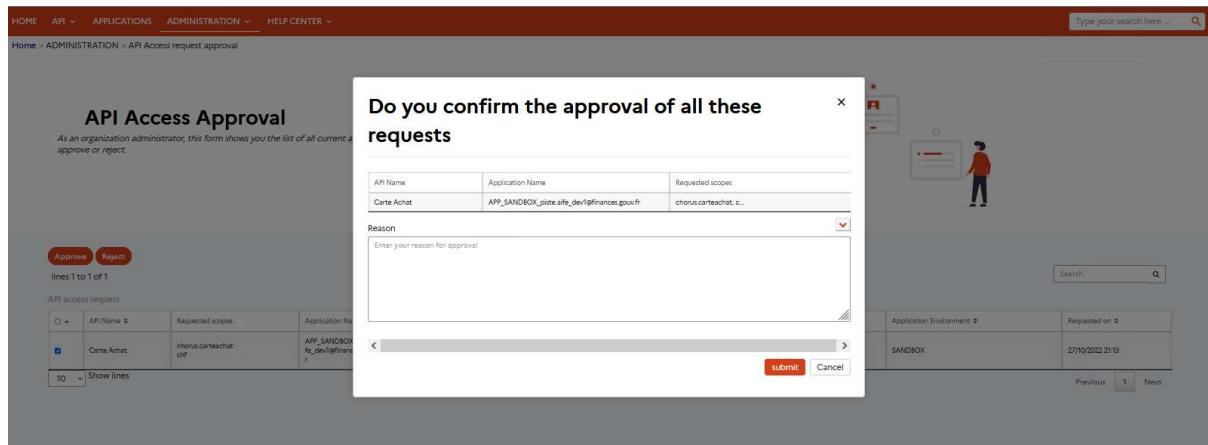
API Name	Application Name	Requested scopes	Application Organisation	Application Information	Reason requesting access	Application Environment	Requested on
Carte Achat	chorus.carteachat.chf	APP_SANDBOX_piste_site_dev@france.gouv.fr	Universelle	Sandbox Application	test	SANDBOX	27/10/2022 21:13

Below the table, there are buttons for "Show lines" and "10" (dropdown), and links for "Previous", "1", and "Next".

Through this page, the API administrator will be able to:

- Approve or reject API access requests individually or in batches.
- For batch rejection, enter a "common" rejection reason for rejected requests.
- Individually, enter the reason for rejection or information relating to the approval of the request.

To approve requests for access to an API individually or in batches, click on the "Approve" button. If multiple requests have been accepted, the reason will be a global reason for all approvals. The "Submit" button allows you to submit the approval of the access request(s). The button allows you to cancel the approval of the request(s).



The screenshot shows a modal dialog box titled "Do you confirm the approval of all these requests?". It contains the same table of API access requests as the main page. Below the table, there is a "Reason" field with the placeholder "Enter your reason for approval" and a "submit" button. The background of the page is dimmed.

If, and only if, the user has agreed to receive PISTE notifications when registering and/or on their profile, he will receive a notification by email to the email address provided on the access request form, when the supplier's action (revocation of rights or modification/addition of rights).

Agence pour l'informatique financière de l'État

HOME API APPLICATIONS ADMINISTRATION HELP CENTER Type your search here... 

Home > ADMINISTRATION > API Access request approval

Success
Successful action 

API Access Approval
As an organization administrator, this form shows you the list of all current access requests to your APIs by applications, which you can approve or reject.



Approve **Reject**

Info empty

API access request

API Name	Requested scopes	Application Name	Application Organisation	Processing	Reason requesting access	Application Environment	Requested on
10 Show lines							

Search 

Previous Next

To reject requests for access to an API individually or in batches, click on the "Reject" button. If several requests are to be rejected, the reason will be a global reason for all rejections.

HOME API APPLICATIONS ADMINISTRATION HELP CENTER Type your search here... 

Home > ADMINISTRATION > API Access request approval

API Access Approval
As an organization administrator, this form shows you the list of all current access requests to your APIs by applications, which you can approve or reject.



Approve **Reject**

Lines 1 to 1 of 1

API access request

API Name	Requested scopes	Application Name	Application Organisation
Carte Achat	choue.carteaachat:eff	APP_SANDBOX_piste.aife_dev@finances.gouv.fr	choue.carteaachat_c...

10 Show lines

Do you confirm the reject of all these requests?

Reason*
Enter your reason for rejection:
Example: Your access to the API has been revoked for the following reasons (choose one):
 Operational constraints
 Compliance constraints
 Legal constraints
 Budget constraints
If you feel you can continue to access this API, please contact the organization administrator.

By clicking on « Submit », the refusal will be definitively validated

submit **Cancel**

Application Environment	Requested on
SANDBOX	27/10/2022 21:13

Search 

Previous Next

A notification is sent to app owners with the reason for approval or denial.

11.6 API Access request Revoke

The “Revocation of API access rights” page, as shown in the figure below, is reachable from the “ADMINISTRATION” menu.

HOME API APPLICATIONS ADMINISTRATION HELP CENTER Type your search here... 

Home > ADMINISTRATION > API Access request revoke

Revocation of API access rights
As an organization administrator, this form shows you a list of all previously accepted access requests, which you can revoke.



API concerned by the revocation
Select an API you are responsible for

Revoke

Info empty

Granted Applications

Application Name	Application Organisation	Application Environment	Application Information

Empty table

10 Show lines

Search 

Previous Next

Agence pour l'informatique financière de l'État

The dropdown liste in this page only displays APIs for which the OrgAdmin is approver. When the "Revoke" button is clicked, a pop-up appears with a mandatory "Reason" field to be completed in order to allow the revocation. One reason is enough for multiple revocation requests.

The "Search" field allows you to filter revocation requests according to any field in the table.

The pop-up is the last step in revoking access to an API. The "Reason" field on the pop-up, is used to inform the motivation for the choice of the revocation of rights, is mandatory.

The screenshot shows a web-based administrative interface for managing API access rights. At the top, there's a navigation bar with links for HOME, API, APPLICATIONS, ADMINISTRATION, and HELP CENTER. A search bar is also present. The main content area is titled 'Revocation of API access rights' and contains a sub-section for 'Granted Applications'. A modal dialog box is open in the center, asking 'Do you confirm the selection listed below?'. It lists an API named 'RIB v1' with application 'APP_Support' and requested scopes. Below this, there's a 'Reason*' field with placeholder text 'Your reason for revocation. For example: Your subscription request has been revoked because...'. A note at the bottom of the modal says 'By clicking on < Submit >, the revocation of rights will be definitely validated'. The 'submit' button is highlighted in red. In the background, the 'Granted Applications' table is visible, showing several entries like 'admin_SUPPORT', 'APP_support', 'CHF', 'API_CHORUS - REC', and 'REC_P_ESH_CHORUS' along with their respective details and status columns.

Following the revocation of access rights to an API by the administrator, a notification is sent to the owners of the application specifying the reason for the revocation.

11.7 Help Center

The Help gives you access to:

- User guide;
- API best practice guide
- FAQ;
- User support

Agence pour l'informatique financière de l'État

11.8 User guide;

The screenshot shows the AIFE website's navigation bar at the top with links for HOME, API, APPLICATIONS, ADMINISTRATION, HELP CENTER, and a search bar. The ADMINISTRATION tab is currently selected. The HELP CENTER dropdown menu is open, showing options like User guide, API best practice guide, FAQ, and User Support. The main content area is titled "User guide" and contains a message about browser compatibility and a download link for the PDF. To the right is a circular illustration of a person wearing a VR headset. Below the main content is a detailed view of the "Guide d'utilisation" (User guide) document, showing its table of contents.

1. COMMENT NAVIGUER SUR LE SITE DE PISTE ?	3
1.1 Accueil	3
1.2 Crée un compte	4
1.3 Connexion	5

11.9 API best practice guide

In the "ADMINISTRATION" tab, select the "**API good practice guide**" menu to access the API best practice guide and download it.

The screenshot shows the AIFE website's navigation bar at the top with links for HOME, API, APPLICATIONS, ADMINISTRATION, HELP CENTER, and a search bar. The ADMINISTRATION tab is currently selected. The HELP CENTER dropdown menu is open, showing the "API best practice guide" option. The main content area is titled "API best practice guide" and contains a message about browser compatibility and a download link for the PDF. Below the main content is a detailed view of the "PISTE" document, which is a "Guide de bonnes pratiques pour la conception et le développement d'API". It includes sections for Destinataires and Direction AIFE Responsables de département HPD.

11.10 FAQ;

In the "HELP CENTER" tab, select the "FAQ" menu to access the page.

Agence pour l'informatique financière de l'État

HOME API APPLICATIONS HELP CENTER Type your search here ... 

Piste Frequently asked questions

Find answers to the most frequently asked questions by users.

Type your search here ... 



Frequently asked questions

| General Information

- PISTE, what is it ?
- Who can use PISTE ?
- Are there any prerequisites for using PISTE ?
- What APIs are hosted on PISTE ?
- I have a question or a particular request, What should I do ?
- How start using PISTE ?

| Manage my account

- How access my account information ?
- How change my password ?
- I forgot my password, what should I do ?
- How activate/deactivate my subscription to newsletters or satisfaction surveys ?
- How delete my account ?

| Organizations

- What is an organization ?
- How choose an organization ?
- No organization provides access to all the APIs I want. What should I do ?
- My account is not linked to the right organization, What should I do ?

| Registration

- What information is required for PISTE registration ?
- What is the organization code requested to registering ?
- I don't have any organization code how to get it ?
- I don't have any organization code can I still register ?

| APIs Catalog

- Where can I find API description ?
- I want to link a subject to validation API to my Production application, how does this step work ?
- I cannot select an API in my application, what should I do ?
- What is the difference between the APIs from the API menu and those from the SANDBOX menu ?

| Manage your API

- What is the API access request form used for ?
- How to access the API access request form ?
- How to complete the subscription form ?
- I have submitted my API access request form. What is the next step ?
- How do I know the status of my request ?
- I made a mistake when completing my application, what should I do ?

11.11 User support

In the "HELP CENTER" tab, select the "User Support" menu to create a request and manage all your requests

PISTE Piste Support My requests New request Search 

STATISTICS										
Here you will find all the statistics related to your request										
Show	5	entries	Copy	Print	Excel	Search: <input type="text"/>				
Request identifier	T1	Subject	T1	Title	T1	Creation date	T1	Modification date	T1	Status
No data available in table										
Showing 0 to 0 of 0 entries										
First Previous Next Last										

12. NOTES

12.1 Return Codes

- 200: success of the request;
- 401: unauthenticated user;
- 403: Access denied;
- 404: Page not found ;

12.2 Access points by PISTE Partner Consumer type

Partner Consumer type	URLs	Access type
INTERNET	https://sandbox-api.piste.gouv.fr	Consumption on SANDBOX
INTERNET	https://api.aife.economie.gouv.fr	Consumption
INTERNET	https://piste.gouv.fr	Portal
INTERNET	https://sandbox-oauth.piste.gouv.fr/api/oauth/token	Getting a Token on SANDBOX
INTERNET	https://oauth.piste.gouv.fr/api/oauth/token	Getting a Token
ADER	https://api.aife.finances.rie.gouv.fr	Consommation
ADER	https://oauth.aife.finances.rie.gouv.fr	Getting a Token
ADER	https://sandbox-api.aife.finances.rie.gouv.fr	Consumption
ADER	https://sandbox-oauth.aife.finances.rie.gouv.fr	Getting a Token