NVPS Partner integration on-boarding - User Acceptance Testing (UAT) environment.

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Introduction

This document describes how third-party IT vendors can integrate with the NVPS system.

In order to integrate with DAFM, Software vendors must have an account on the DAFM Developer Portal. They must then subscribe to the service they wish to access (NVPS, NFDB etc), and make an application for each customer that needs to access that service.

The DAFM Developer Portal will be used to generate an **Application ID** (Client ID) and **Application key** (Client Secret), this has to be done **for every company that uses your software.**

These fields will be required on any call done to the RESTful API.

For assistance contact NVPS at nvps_api@agriculture.gov.ie.

Step 1 - Create an account on the DAFM Developer Portal.

Access to the NVPS User Acceptance Testing environment (UAT)

To start the process, send an email to nvps_api@agriculture.gov.ie and request access to the NVPS **User Acceptance Testing (UAT)** API environment.

Vendors should **include details of their company and customers using the vendors software** in the email (**Customer name and customer address**).

Example email:

> I'm requesting access to NVPS User Acceptance Testing on behalf of *SoftwareCompanyName*
>
> Customer Name 1: Connor Walsh
>
> Customer Address 1: 12 Testing street, Dublin, Co Dublin
>
> Customer Name 2: Shane Sullivan
>
> Customer Address 2: 13 Testing street, Limerick, Co Limerick

Once this request has been actioned by the department you will be notified.

Create an account on the DAFM Developer Portal.

*You may have an account if you **already use other DAFM products** as a developer.*

If you already have an account on the DAFM Developer Portal you can skip this requirement and use the account you already have.

To create an account on the DAFM Developer Portal enter the following address in a browser to proceed with the sign up process:

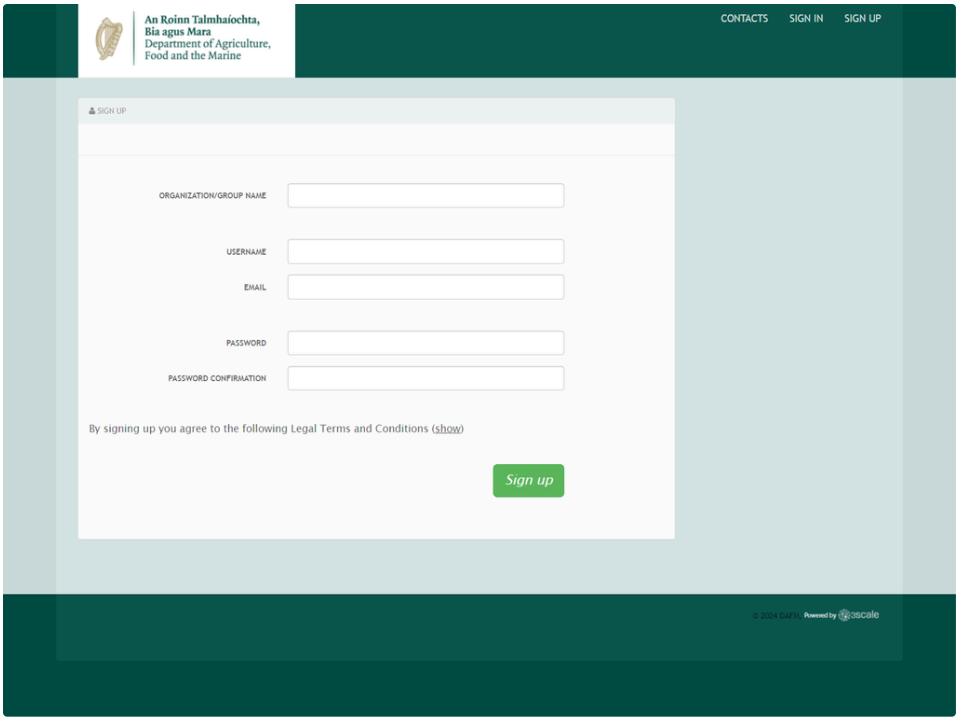
https://dafm-api-3.apps.services1.agriculture.gov.ie

You will be presented with the screen below:

To progress to the next step, **click the "SIGN UP"** link in the top right corner.

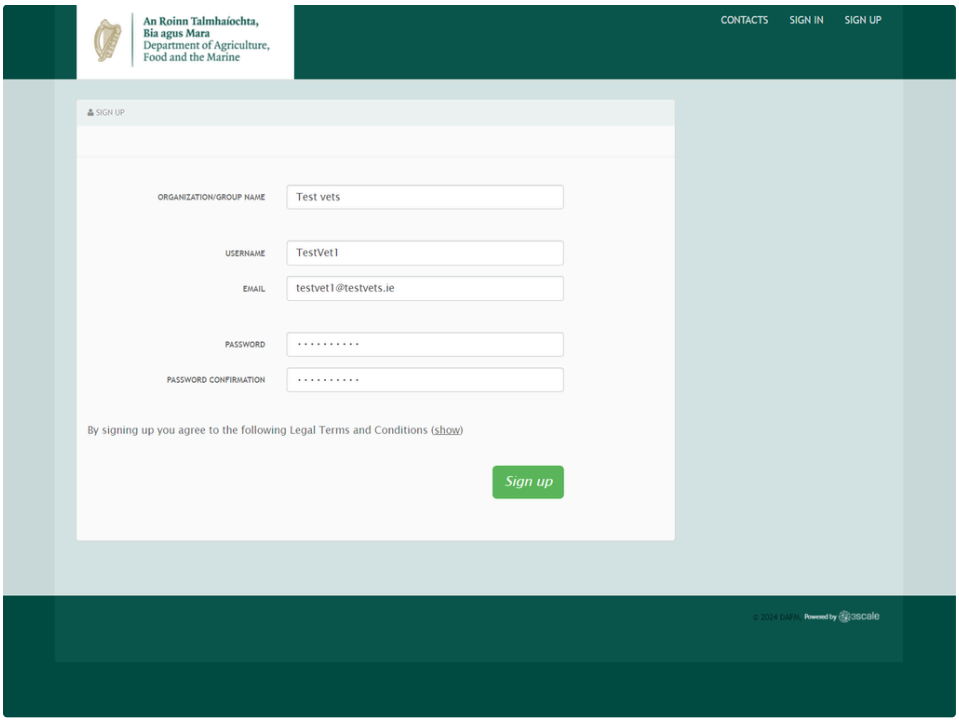
Complete the fields below. Please **use your company name in the Organization/Group** name field.

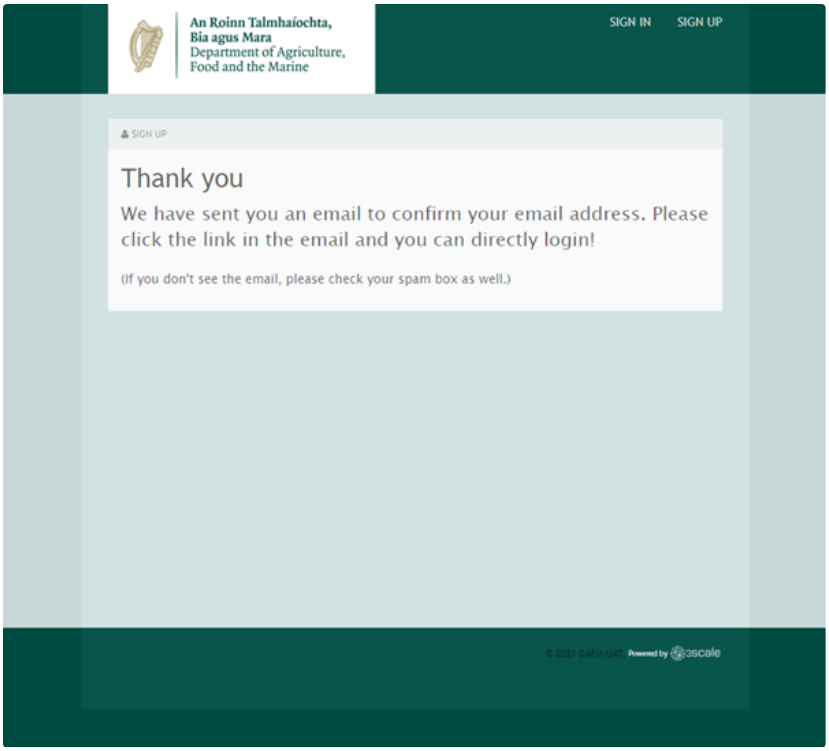
The password in the password field needs to be longer than 10 and must include uppercase, lowercase, numbers and special characters.



Please ensure you have the correct email address to receive a confirmation email.

Once all the fields are completed, **please click the “Sign up” button.**

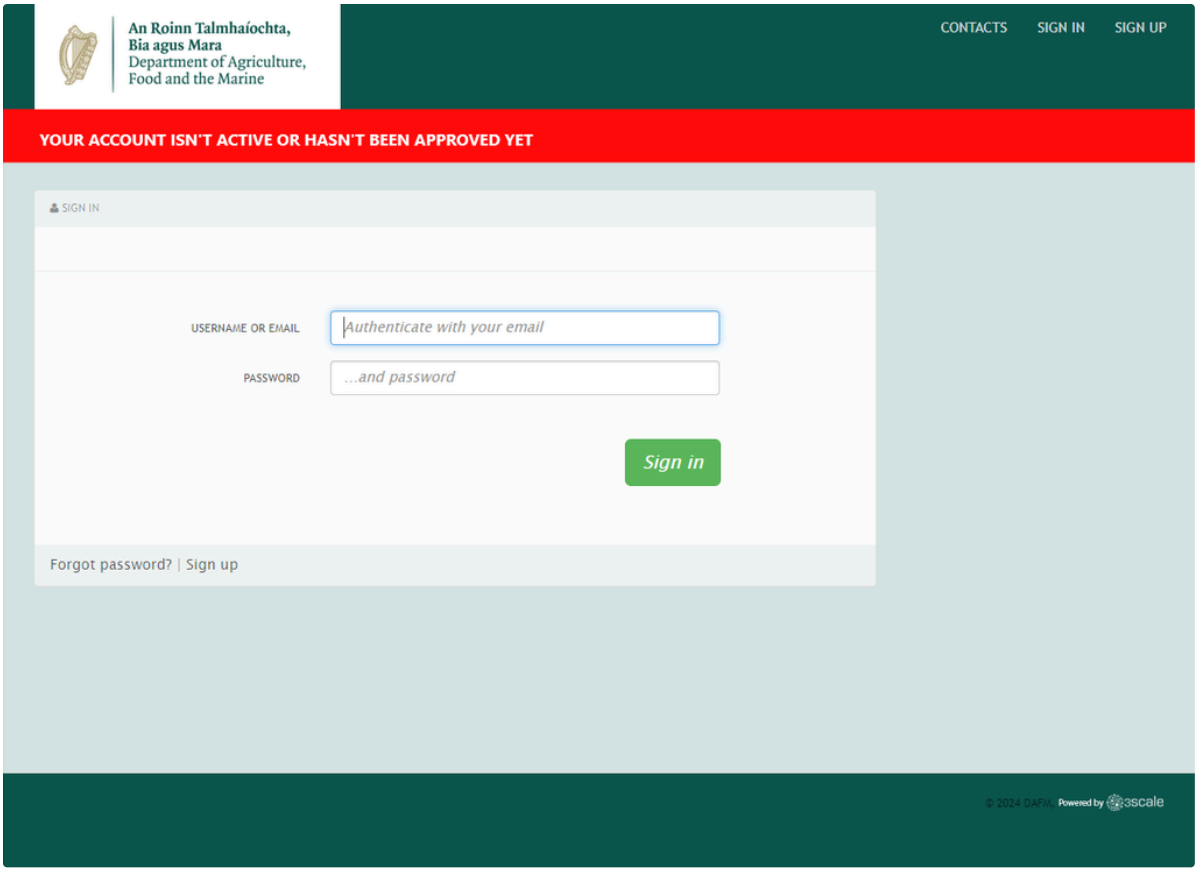




After you have clicked the “Sign up” button you will receive an email confirming your application has been received.

Next, once your details are reviewed, you will receive an approval email.

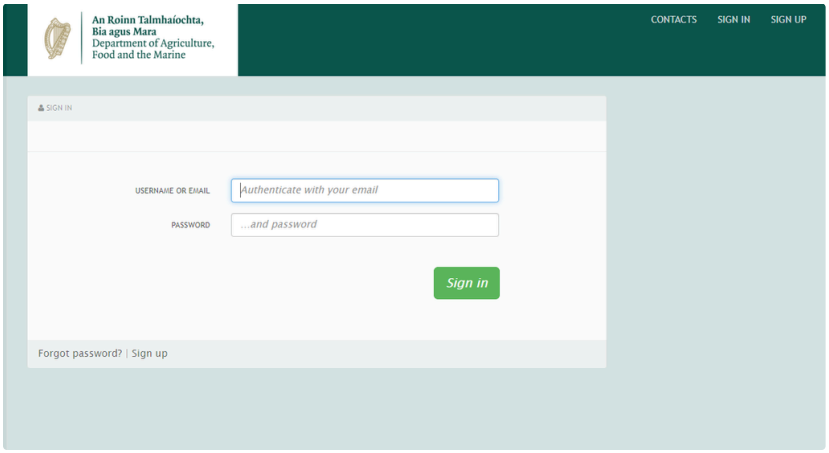
If your registration has not been approved yet, the following screen will be displayed when you try to access services on the portal.



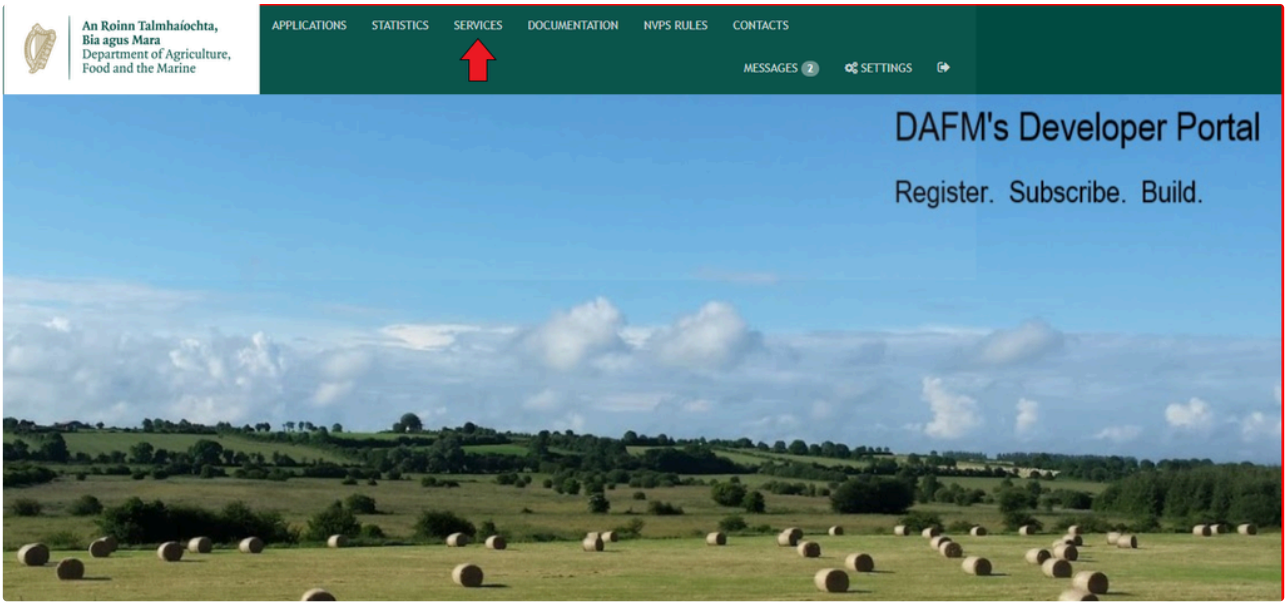
Once your registration is approved, you can progress to Step 2, subscribing to a service.

Step 2 - Subscribing to a service

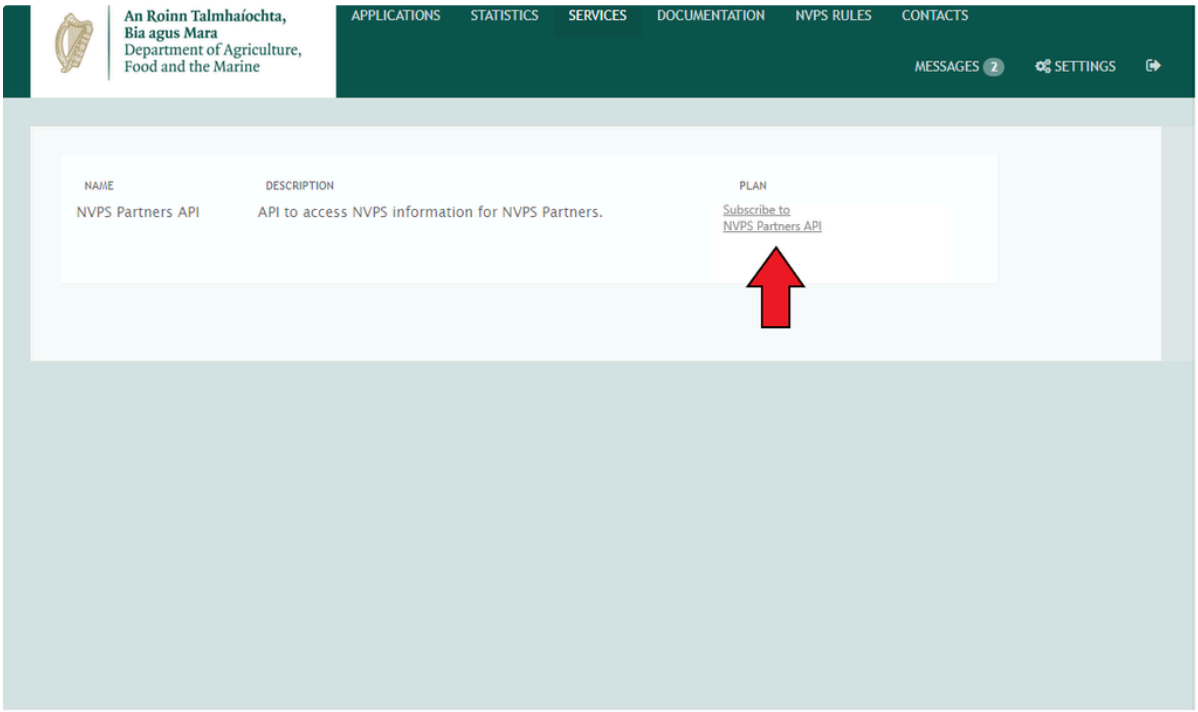
If you are not signed into the Portal, sign in with your user email and password.



Before creating an application, you need to **subscribe to the service**. **Click the "SERVICES" link at the top** of the screen.



The following screen shows the NVPS Partner API service. Click on the link to the right to subscribe to the service.

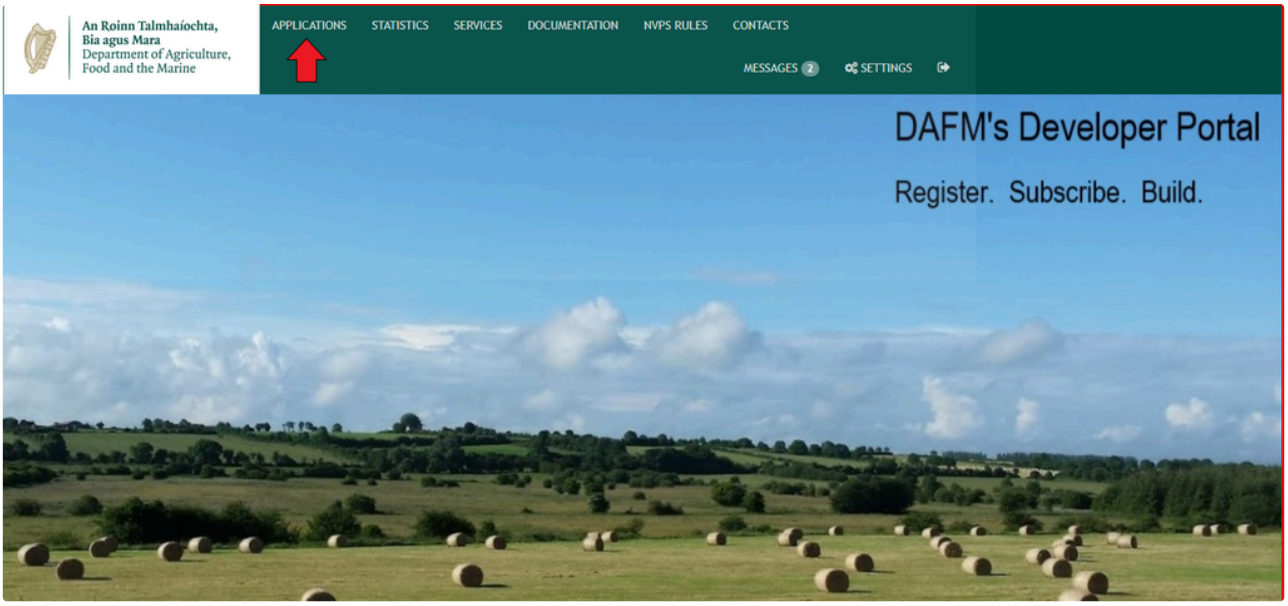


If you cannot see the NVPS Partners API service, please send an email to nvps_api@agriculture.gov.ie

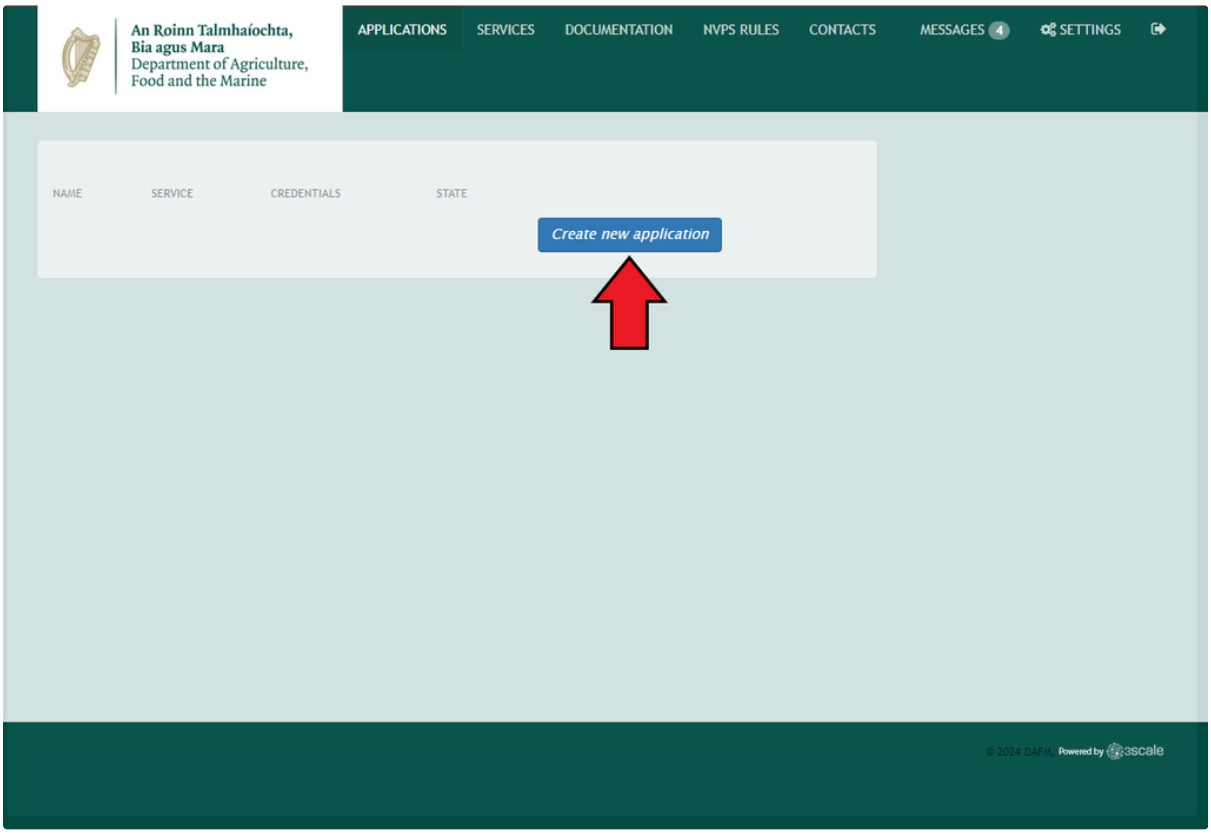
Step 3 - Create a new application

An application needs to be created for every company that uses your software. **Do not share application ids between different clients** that use your software as these are required to identify the sources of data being written to NVPS Database.

If the subscription process was successful you are now ready to create an application. **Please click the "APPLICATIONS"** link on the top of the screen.



Click the "Create new Application" button to create a new application.



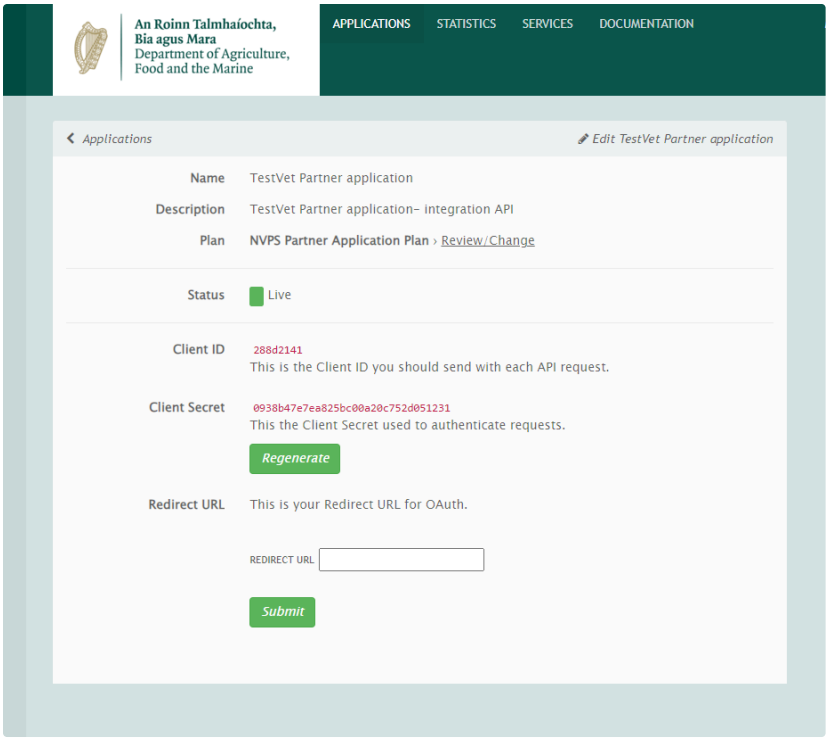
Complete the fields below and **click the "Create Application" button.**

Please note, the application must be approved before it is active.

You will receive an email to **confirm the application has been created successfully**.

Once the application is approved, you will receive another email.

When you go back into the application the following screen will be presented.



Your application is now active and the **Client ID** and **Client Secret** must be used **with every API request made to the NVPS system.**

To add more applications for other clients (you need one application per company that use your software), **follow the same process again as many times as needed.**

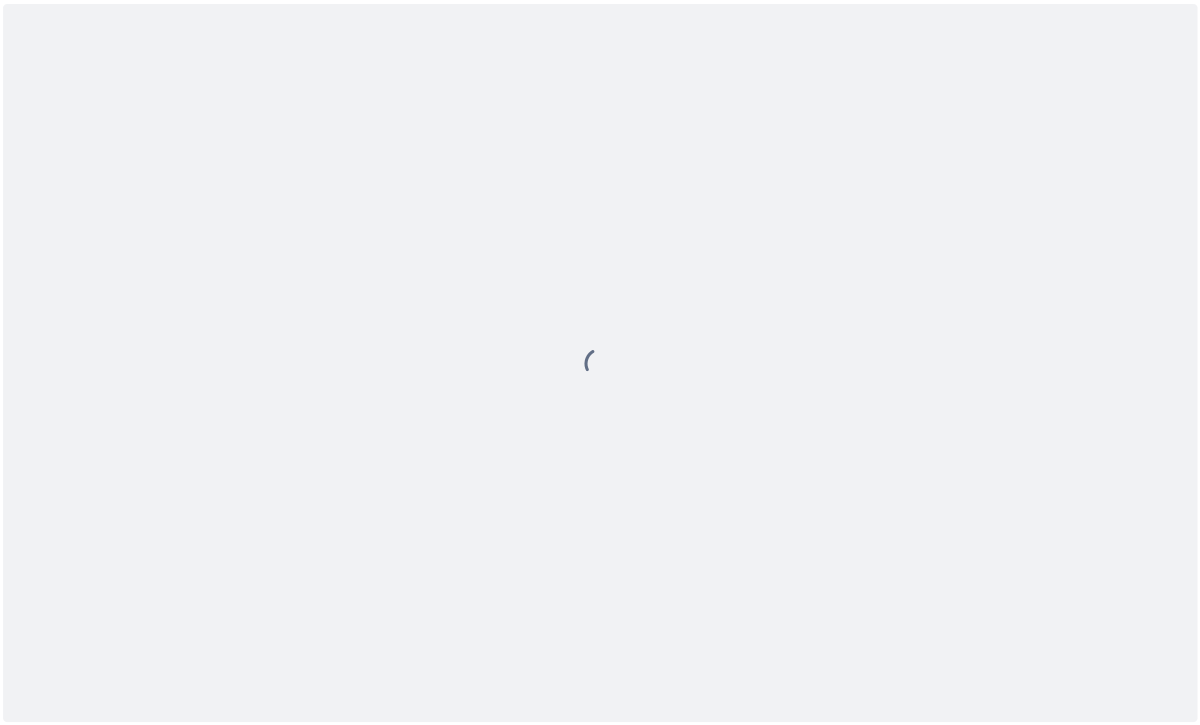
Production Environment

Whenever you have tested and are ready to go to production please send an email to nvps_api@agriculture.gov.ie asking for the production URL for the DAFM Developer portal.

After that follow the **same steps of this guide with the production URL.**

API Documentation

To find more details on API endpoints, **please click the "DOCUMENTATION" link** at the top.



This will display a swagger document describing the API endpoints:

Please note the header fields in all the API calls:

Field	Description
branch_id	The branch_id should be populated with the branch of a company if there are more than one branch. This is an optional field
correlation_id	Any ID generated by the calling system. This ID will be returned as part of the response. This ID is for use by the calling in the event that the calling system use an asynchronous connection method.
user_id	The user_id is the user as it is registered on the calling system.
user_type	Only two allowed values: VETERINARY or DISPENSER.
vendor_id	The name of the software vendor company doing the transaction.

More extensive API user documentation can be found in NVPS API user guide.