Access to Spot and Pleiades as ESA's Third Party Mission

TPM Geostore: user guide

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Date:	March 2015
Rev. 3	
Document type:	Technical Note

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1   Introduction

Within the ESA CAT-1 TPM Scheme, ESA offers to the CAT-1 user community the opportunity to order SPOT1-5, SPOT6-7, SPOTMaps and Pleiades products. After successful acceptance, an ESA project is granted a quota (limited number) of products that the ESA project can order.

When granted a quota for archived products, the ESA project PI (and Co-Pis if any) is able to spend the quota in the Airbus DS online ordering tool called Geostore. In this case, the ESA project receives a Geostore login from the Geostore user support which allows starting to order.

Considering the specificities of the agreement between ESA and Airbus DS, some recommendations have to be followed when ordering archived products through Geostore. The objective of this document is to guide the user through every ordering step and especially the visualization and understanding of quotas usage when ordering.

Thanks to the credits loaded on the Goeostore account, Geostore allows ordering not more than the quota assigned to the ESA project (as mentioned in ESA Terms of Applicability of the SPOT/PLEIADES offer).
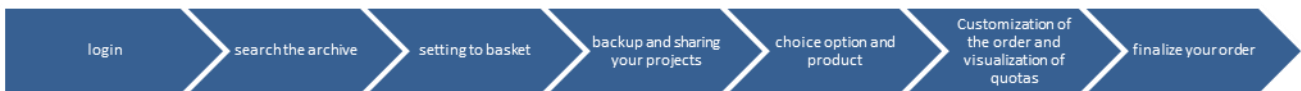
2 Login: Airbus DS notifications and connection to Geostore account
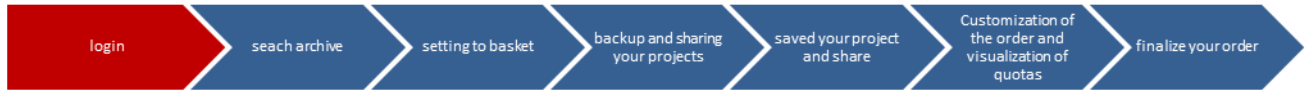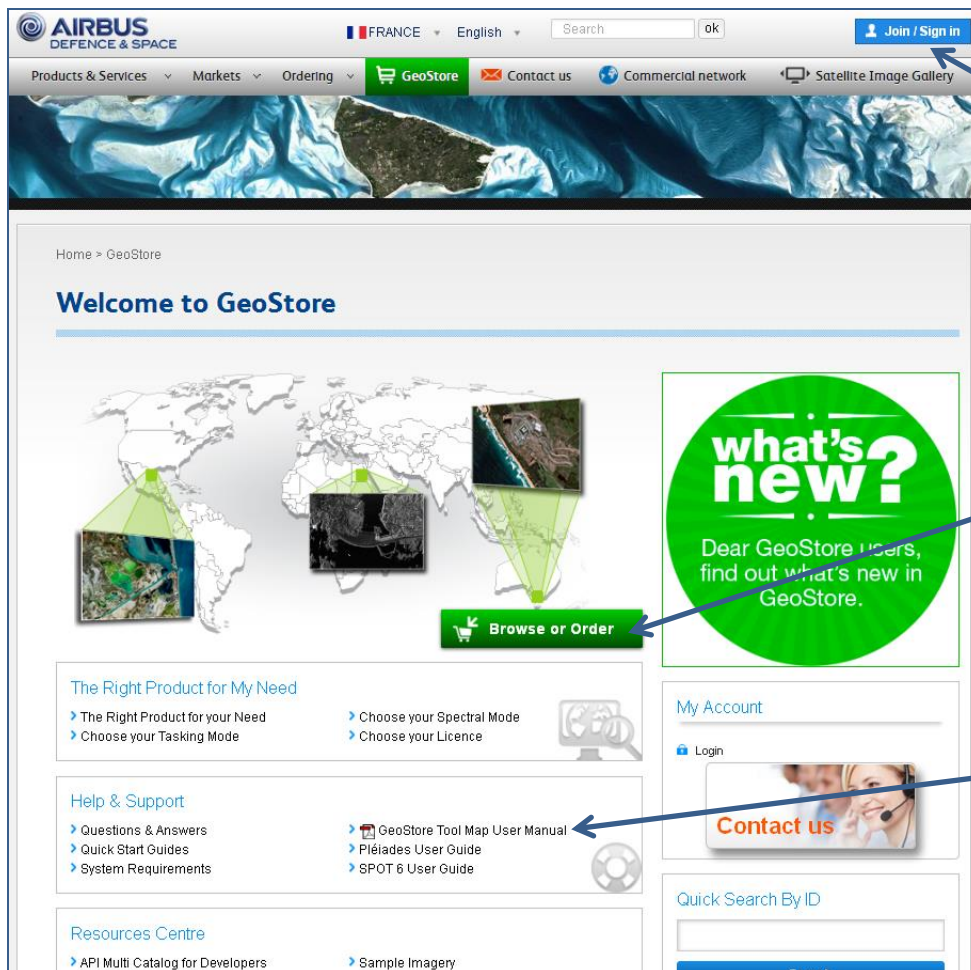

First, Airbus sends the user an account creation notification which contains:

- The Geostore account login (for ordering management)
- The ftp login (for product deliveries)

In a second time, another e-mail is sent with the password for the Geostore and ftp accounts.
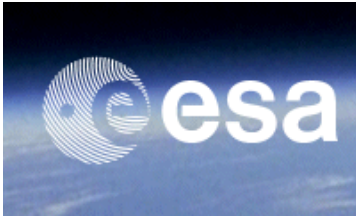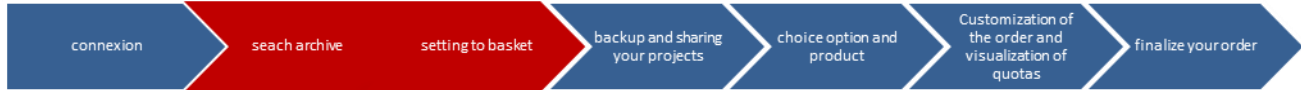
Then, orders can be submitted though the Geostore portal:

http://www.geo-airbusds.com/geostore/

First, click here to log-in with your Geostore account login and password. Required to order and visualize quotas

Click here to navigate to the cartographic ordering portal

Geostore User guide for searching and ordering

3 Search the archive and Set your images to basket

These steps are already described in the user guide available on-line:

http://www.geo-airbusds.com/en/4940-quick-start-guides

For more details about all the tools available in the GeoStore portal:
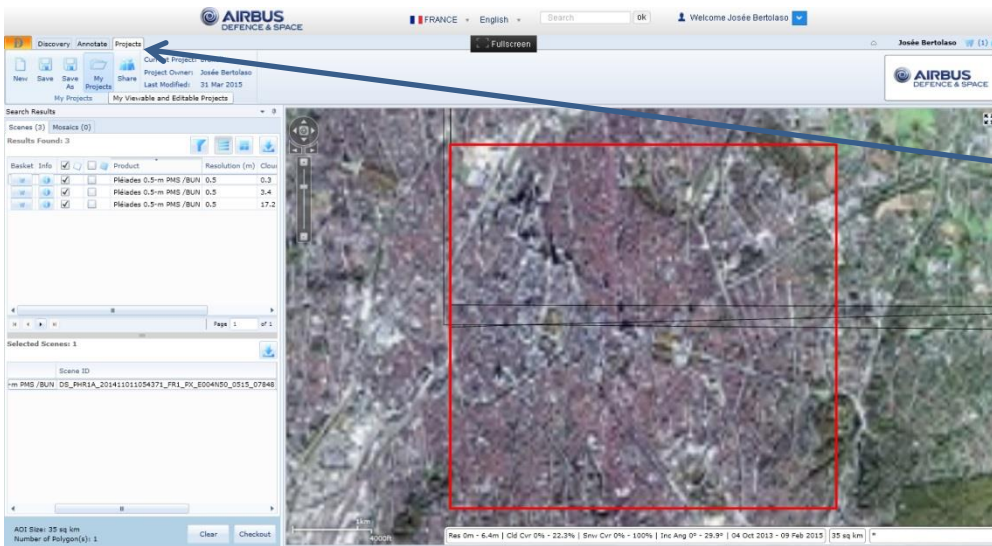
GeoStore Tool Map User Manual

4 Backup and Share your projects

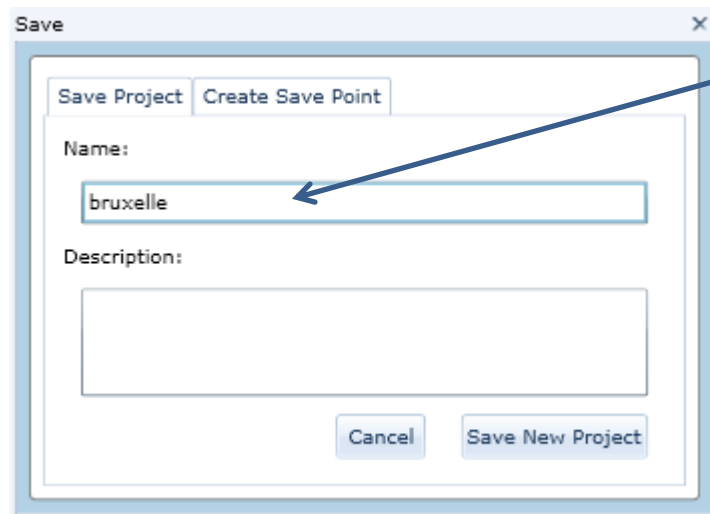The project function in Geostore has several key advantages:

- work on long-term projects
- verify the use of quotas before ordering and allow tradeoffs in the choice of products
- share your project with partners already on GeoStore

To save the search status, products selection and basket list:
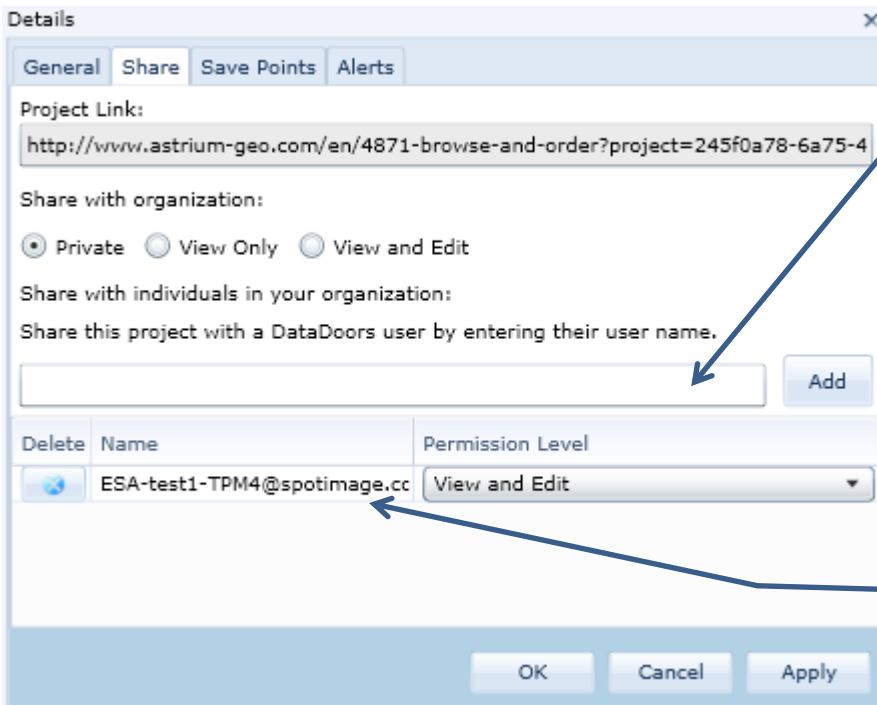
Click the Project tab to access the project management view.

Click Save.

Name your project and click Save.

To share your project with another Geostore user:
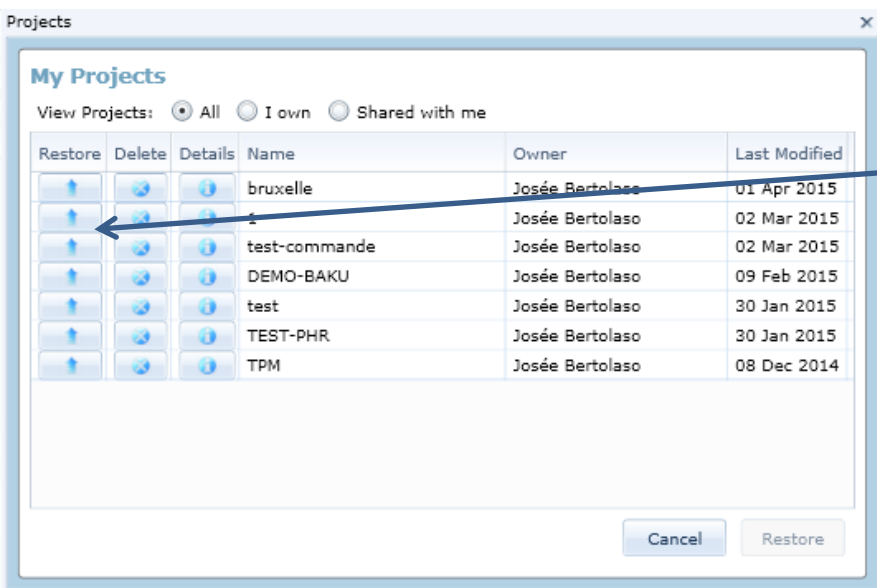
You can also share your project with another user or create a product availability alert over the area of interest.
You have to enter the GeoStore login of the other user

list of users sharing this project

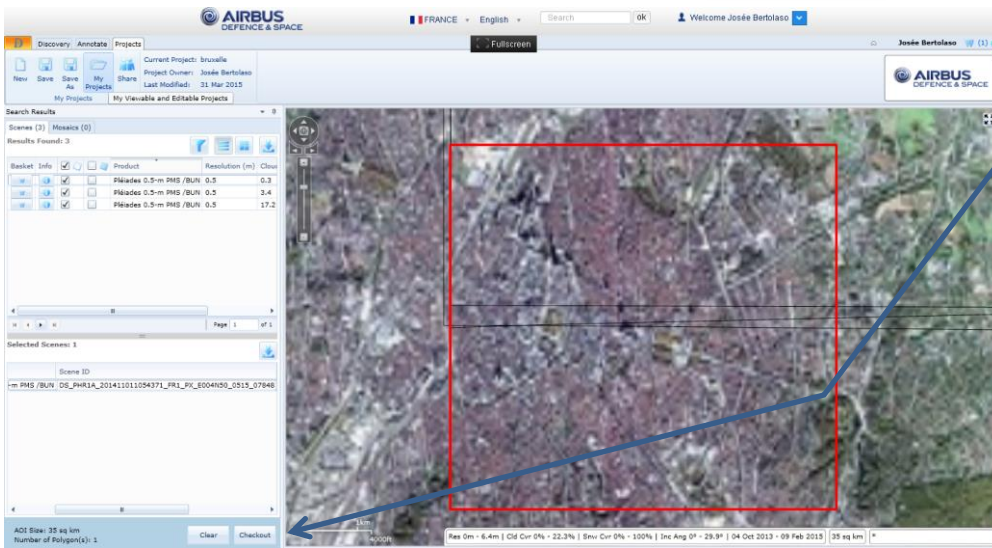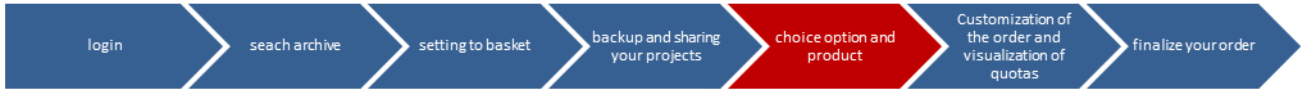To restore your searches, product selections and basket lists:
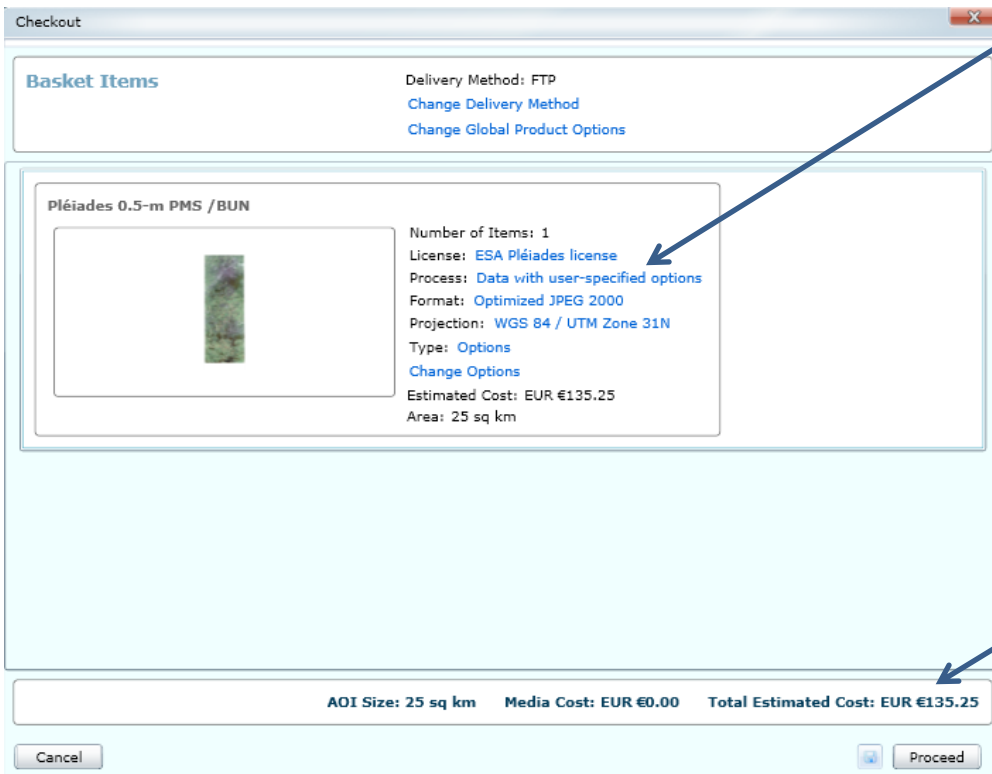

To restore your project, go to My projects and select your project to be restored
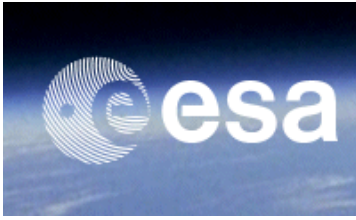
5 Ordering: options

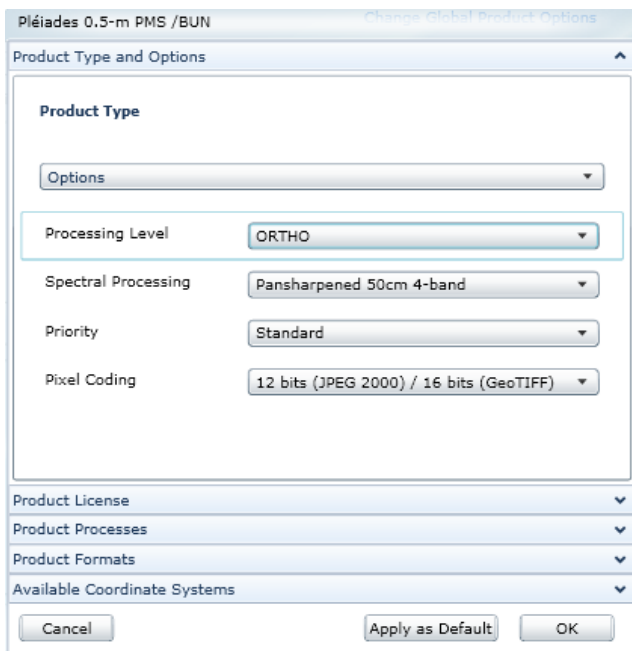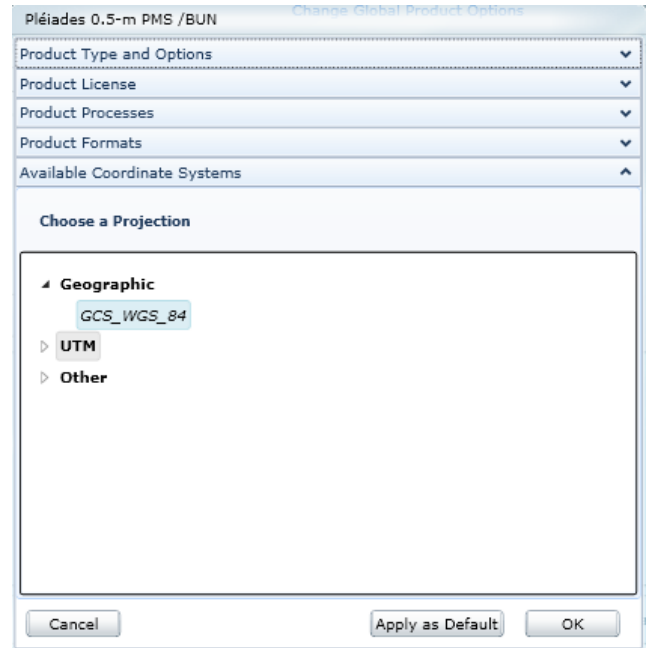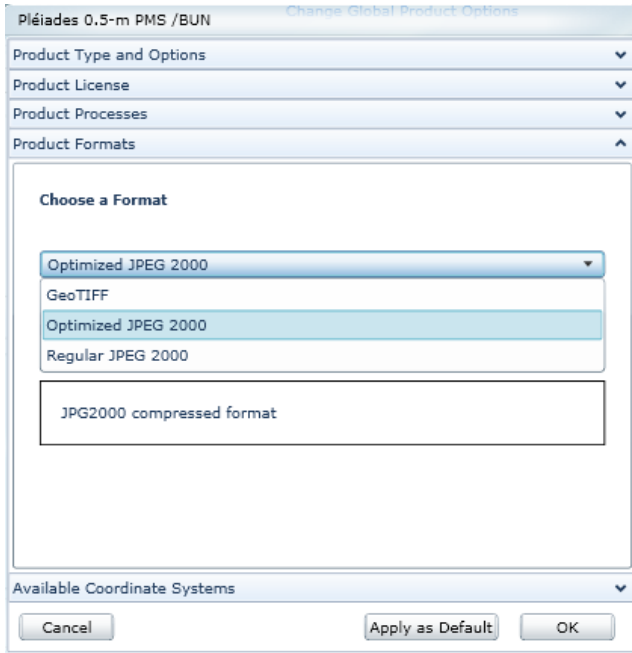Start your order by clicking checkout

In the TPM framework you can change some processing, acquisition or format options:
format, projection, processing level, spectral processing pixel coding

Changing options do not modify your quota consumption

Reminder of the credit consumption of the order and the size of your AOI

Some of the available options:

Format:

- Geotiff
- Optimized JPEG 2000
- Regular JPEG 2000

Projection:

- Geographic WGS 84
- UTM WGS 84 / UTM

Processing level:

- 1A or ortho for SPOT 1/5
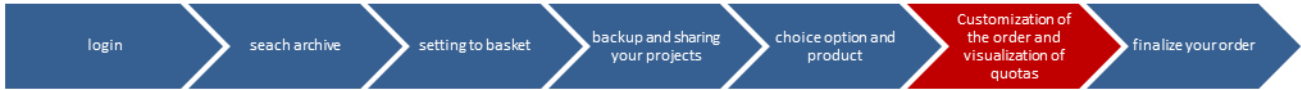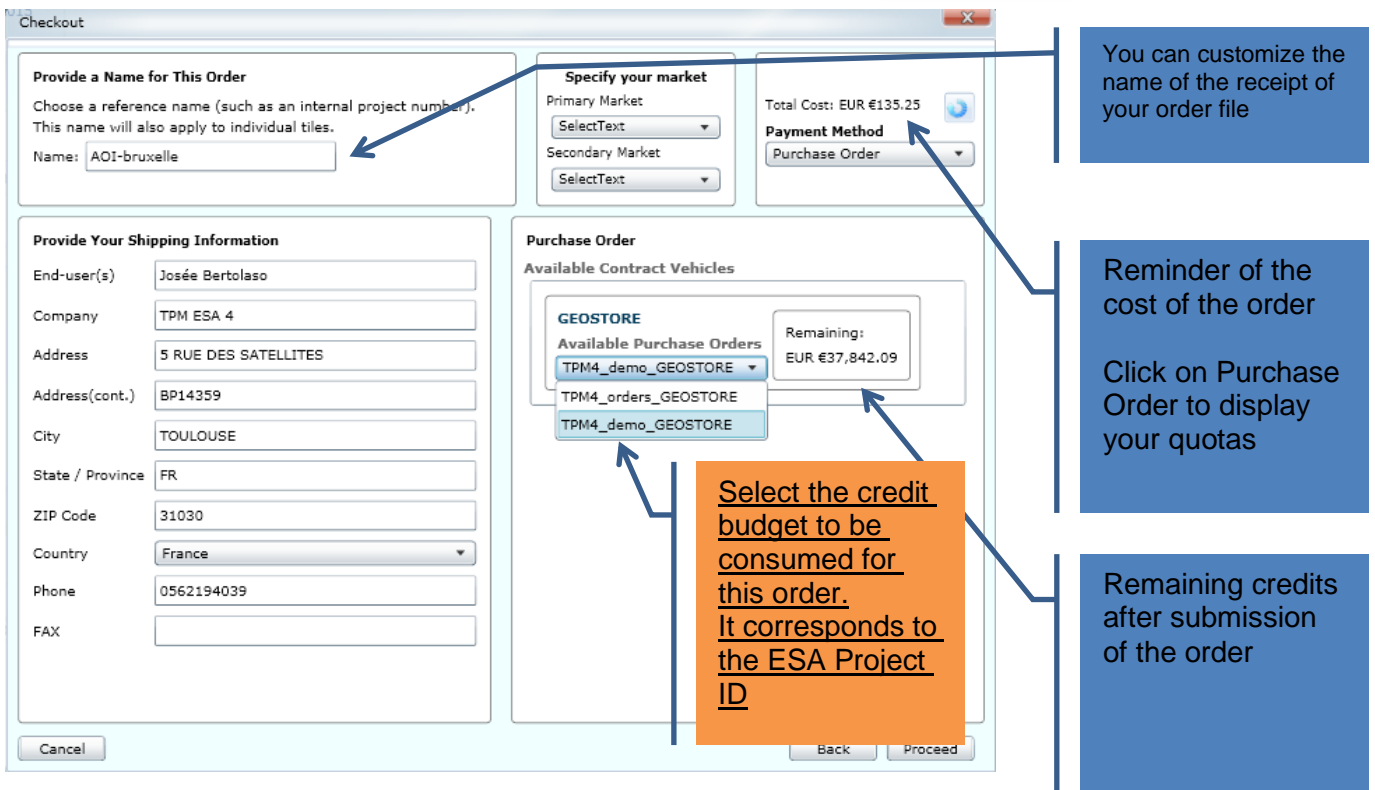- Primary or ORTHO for SPOT1/7 and Pléiades

Spectral processing:

- Depends of the product selected

Pixel coding :

- 8 bits only for SPOT 1/5
- 8 bits or 12 bits for SPOT1/7 and Pléiades

6 Customization of the order and visualization of quotas

Reminder about quota consumption: When your ESA project has been accepted, AIRBUS DS creates not only your Geostore account but also assign a credit budget to your Geostore account. The credit budget is loaded to exactly corresponds to the quota assigned as per the ESA Terms of Applicability of the SPOT/PLEIADES offer

If the total cost of your order exceeds your allocated credit budget, you won't be able to submit the order.

In this case, you will then have to review your order, or contact the Geostore user support for any problem.