

DINAMIS: The French National online Facility dedicated to the Pooling and Sharing of very high spatial Resolution Satellite Imagery for Non-commercial Applications

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Abstract

Created in 2017, DINAMIS's mission is to support institutional end-users in their appropriation and utilization of Very High Spatial Resolution (VHSR) satellite data sets, facilitating the implementation of applications dedicated to Science and to environmental or territorial Management. To meet this objective DINAMIS operates upstream institutional procurement of VHSR data and provides simple downstream services giving access to imageries, in response to general needs and to specific end-users needs. The facility harmonizes, integrates, pools and jointly operates dedicated existing resources: telemetry ground reception infrastructures, IT infrastructures, human power and organization, institutional procedures and public fundings.

The roadmap follows a four-layer strategy: (a) pooling of all public resources raised by all founding members, and of all data sets between all end-users; (b) non replication of data sets and development of FAIR metadata harvesting tools, procedures and services; (c) attractive access policy for certified end-users; (d) downstream driven priorities (end-to-end support, networking, events, capacity-building programs).

This paper describes the origin and development of the Facility, its operational framework, its community of end-users and their use of DINAMIS showing the evolution in time of all indicators. It draws perspectives on how to better estimate direct and indirect benefits generated by the Facility, and on how to optimize DINAMIS's impacts on the ecosystem of Earth observation non-commercial users in France and abroad.

1. Introduction

During the last decades climate changes have impacted environmental variables, ecosystems dynamics and human activities across the planet.

In the past few years catastrophic events have occurred with significantly increased intensity, magnitude and frequency (IPCC, 2021). Earth Observation is a major resource for the understanding, the modelling and the monitoring of these evolutions; very high spatial resolution (VHSR) satellite data is a key segment to better address scientific investigation, or public policy planification, at medium or local scales (Wulder et al., 2012).

In parallel during the same period the New Space industry has bloomed, benefiting from technological innovations, the rise of new players and the growth EO markets, both civilian and defence (OECD, 2019).

Today, operational or projected VHSR satellite constellations, imageries and products have never been so diverse and numerous, feeding the community with growing volumes of data (Qiang Zhao, 2022).

Nevertheless, despite this context a significant gap between data availability and effective use of VHSR satellite data still remains.

High imagery costs, complexity in handling and processing products, restrictive commercial licensing policies, insufficient awareness of VHSR potentialities amongst public stake holders or lack of expertise within non-specialized scientists or public servant communities account for a general under-use of VHSR resources in Academic structures, public agencies or governmental services at all territorial scales.

2. Strategy and objectives

2.1 Strategy

To tackle this gap a specific infrastructure dedicated to VHSR satellite data procurement, acquisition and dissemination was created in France, bringing together institutional communities of end-users: DINAMIS.

DINAMIS is the French National Institutional Facility for Shared Access to Very High Spatial Resolution Satellite Imagery. It is a cross-functional component of a French National Research Infrastructure dedicated to Earth Observation (EO) called Data Terra (www.data-terra.org/en/), which aggregates 5 Thematic Datahubs (Continental surfaces, Solid Earth, Oceans, Atmosphere, Biodiversity). Created in 2017 under the impetus of 6 Founding French organizations: CNES, CNRS, IGN, INRAE, IRD, CIRAD (www.dinamis.data-terra.org/en/), the DINAMIS's purpose is to contribute to a wider and better usage of VHSR satellite data in institutional and non-commercial applications.

The Facility operates upstream institutional procurements of VHSR satellite data and provides downstream services giving easy access to imageries, in response to general needs and to specific end-users needs. It takes over from previous institutional data access incentives existing in France: ISIS, OSIRIS, Geosud. The Facility's mission is to harmonize, integrate, pool and jointly operate dedicated existing resources: telemetry ground reception infrastructures, IT infrastructures, human resources and organization, institutional procedures and public fundings.

The Facility's roadmap follows a four-layer strategy:

- (a) pooling of all public resources raised by all founding members, and of all data sets between all end-users;
- (b) non replication of data sets and development of FAIR metadata harvesting tools, procedures and services;
- (c) attractive access policy for certified end-users: open downloads, open call for new archives and tasking requests;
- (d) downstream driven priorities: extensive end-to-end support, active social media network, regular awareness-raising events, capacity-building tools and programs.

2.2 Objectives

The general objective of the Facility is to support institutional end-users in their appropriation and utilization of VHSR satellite data sets, facilitating the implementation of applications dedicated to Science and to environmental or territorial Management.

To meet this objective, DINAMIS permanently seeks to enhance its policies, procedures and tools in order to develop or maximize:

- Attractiveness and scalability of its data offer;
- Online membership procedures to join the community of end-users;
- Adaptability of standard data providers licensing terms to the Facility's policies and strategies;
- Compatibility of disseminated products and webservices with FAIR requirements;
- Reactivity in managing on-demand archive or tasking orders;
- Proximity with its certified end-users, with industrial partners, with institutional communication channels.

3. Current services offered by the Facility

DINAMIS acquires and disseminates to its end-users VHSR satellite data from SPOT6-7, Pléiades, Pleiades Neo. It will add-on data from programs such as the CO3D satellite Mission launched in 2025.

All end-users are certified and administrated by DINAMIS, after a membership procedure at organization level based on screening of an eligibility criteria set: all French public bodies and institutional organizations, institutional research laboratory operating in the European Union and abroad (under conditions),

French NGOs invested of a public mission and case-by-case French private companies for R&D purposes.

All products are disseminated to certified end-users with specific tailor-made DINAMIS licenses enabling all certified end-users to access and process all data sets disseminated by the Facility. This unique DINAMIS licensing policy ensures all data sets can be shared amongst all end-users, regardless of initial financing or ordering procedures.

In order to fulfil its mission DINAMIS maintains the following webservice.

3.1 Raising awareness

DINAMIS implemented in May 2024 a specific on-line service called *DINAMIS & YOU*. This service contains on the shelf tools (interactive questionnaires) and online resources (hyperlinks, documents) related to Earth observation and satellite data interpretation. It is designed to:

- (a) inform the general public and target specific eligible publics;
- (b) simulate eligibility to DINAMIS's services;
- (c) simulate general adequacy between user need and VHSR data available in DINAMIS.

It also contains tutorials explaining how to benefit from the facility's products and services. These tutorials will be updated and renewed in the first semester of 2026, after DINAMIS's new catalog was activated in January 2026; *DINAMIS & YOU* will be translated in English simultaneously.

This service complements the web site, the social media channel and the video channel (youtube) that broadcast informations and networking activities carried out by the facility: news, posts, quizzes, webinars, events, public presentations and workshops.

In order to raise awareness and strengthen ties between the Facility and its end-users, DINAMIS has developed and implemented a digital strategy on social media, resulting in a rapidly growing community of more than 3,500 members on LinkedIn. Thematic webinars on VHSR satellite imagery use cases, as well as training sessions, are regularly organized and promoted through this channel, attracting audiences of 80 to 250 participants (webinars in 2024, 2025, 2026).

In late 2025 DINAMIS held its first public workshop in Montpellier, France. With more than 90 participants, the workshop informed on new data and tools to be implemented in the facility, and highlighted original usecases of VHSR satellite applications.

3.2 User support

In addition to these services DINAMIS developed and operates a thorough end-user support scheme.

End-to-end user support is a key activity for DINAMIS: whereas opendata resources are easy to find and manipulate, access to DINAMIS's restricted data sets imply specifics Procedures that can appear unfriendly to non-specialists. They are based on an online membership form and an end-user certification form that

ensure the facility's compliancy with rigorous licence agreements and register identification requirements (section 3.2).

To facilitate the procedure's workflows, every page of DINAMIS's website broadcasts a contact page offering 6 preformatted questions and sub-questions enabling direct interaction with DINAMIS Operators. They bring tailor-made answers to all specific end-user questions on:

1. General orientation and guidelines
2. Membership procedure
3. Personal account creation
4. Catalog features and services
5. Data specifications, documentation on products and services
6. Licensing information.

This service generates yearly between 250 and 350 emails processed by the facility's staff (Faure & al., 2024, 2025).

3.3 Membership and end-user certification online forms

Dedicated on-line application forms are accessible to candidate organizations *via* the catalog (Figure 1).

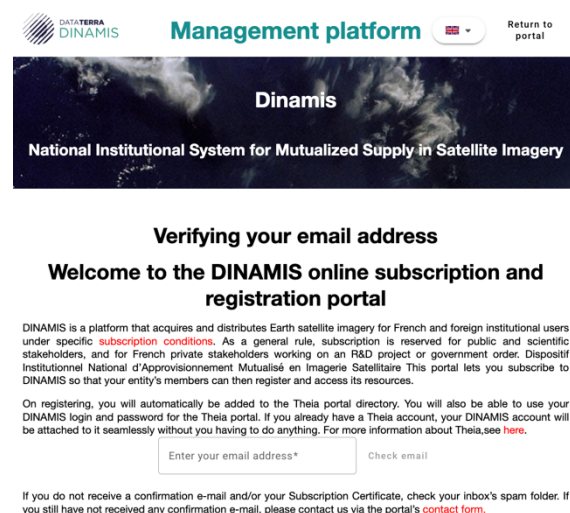


Figure 1 – Enduser subscription

Connected to the Facility's Register, it allows a potential end-user to verify if his or her Organization is member or not. If not, the on-line procedure proceeds until Application is submitted.

After a verification of the user's electronic address, the procedure requires the designation by the candidate Organization of a Point of contact, and an electronic signature from a legal representative of the Organization.

After submission, if the application is accepted, the Point of contact then acts an internal relay so that agents from the Organization may proceed with the creation of strictly personal accounts.

A DINAMIS certified end-user is a staff member of a member Organization who holds an individual account on the platform.

Each given certified end-user is granted with individual rights on the platform, that may differ from another certified end-user depending on the status of their member organization.

As of late 2025 DINAMIS aggregates 870 Member Organizations, and hosts more than 1.500 certified end-user personal accounts.

3.4 Data exploration and navigation

Once certified the end-user is directed to the DINAMIS catalog webservice, that have been upgraded in January 2026. The catalog exposes SPOT6-7, Pléiades and Pleiades Neo imageries.

The DINAMIS catalog does not replicate or host existing imageries, it is a metadata catalog. All metadata of all of DINAMIS’ products are harvested by the catalog in real time using FAIR webservices. Data sets are physically stored in distributed infrastructures in Montpellier and in Toulouse (France) and cured by its founding partners.

The DINAMIS catalog recreates in a Data Terra metamodel compliant with FAIR principles new metadata sets, and pools them into a single unified interface. Figure 2 shows an overview of the DINAMIS interface. This interface exposes all DINAMIS VHSR satellite imageries to the general public for consultation, exploration and navigation.

The catalog’s services are based on:

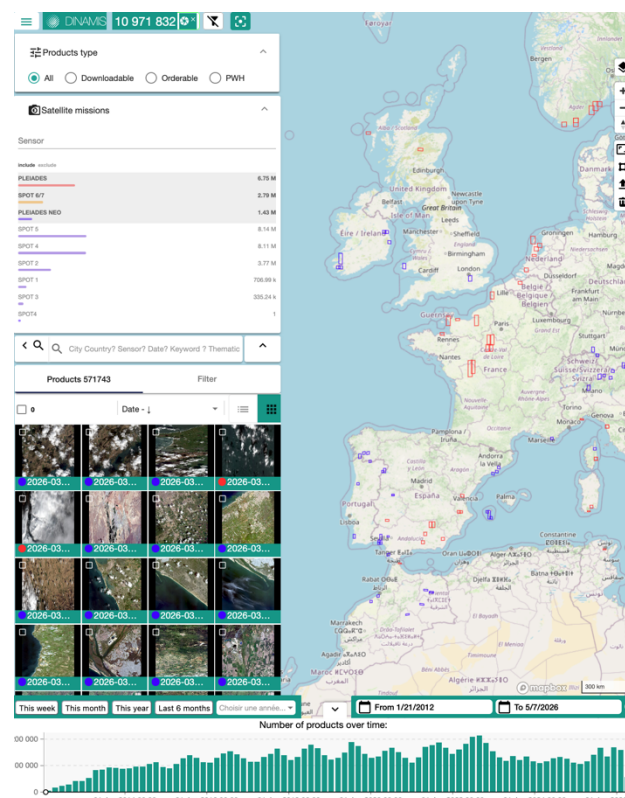
- Product availability: downloadable, orderable or computable;
- Satellite missions availability: sensor name;
- Geographical and/or spatial criteria: webmap navigation, bounding box, uploadable AOI, toponyms,
- Temporal filters: interactive timeline, date of acquisition, calendary requests;
- Imagery specification filters: resolution and/or cloud cover, processing levels.

After login with his individual account, depending on product availability, a certified end-user can, using the catalog’s features:

- Download DINAMIS ready-to-use archive imageries: SPOT6-7, Pléiades, Pleiades Neo products matching his or her needs;
- Compute archive products from Pléiades World Heritage program (PWH), from 2011 to present days: interactive online computational bot offering different formats and processing levels (Sensor data, orthorectified data);
- Order, if none of the exposed DINAMIS archive products suit the need: (1) products from the Airbus catalog exposed by the DINAMIS catalog during the ordering workflow; (2) tasking requests for SPOT6, Pléiades or Pleiades Neo satellites in his or her AOI (section 3.5);
- Record in his or her personal space his or her set of customized search criteria;
- Search for stereoscopic pairs or triplets products, or request other on-line services (section 3.6) when available;
- Connect to the register in order to consult the historic of his or her archive orders or tasking requests submitted to DINAMIS: when, where, what, who.

Figure 2: DINAMIS catalog interface

In addition to these features, the catalog also exposes and makes



accessible to endusers:

- Complementary patrimonial High Resolution satellite archives such as SPOT World Heritage (SPOT1-5 from 1986 to 2015) and RapidEye 2012 France coverage;
- SPOT6-7, Pléiades and Pleiades Neo products acquired and stored by the French Guiana Facility SEAS Guyane. DINAMIS and SEAS Guyane, lead by the French Guiana tTerritorial Authority, the French government, the IRD, the CNES and the French Guiana University, operate in close technical collaboration.

The current version of the catalog upgrades features and interfaces of its previous version (2020-2025). It was launched in January 2026. After all product migration and metadata collection are completed, it will expose around 85,000 downloadable Pléiades products, 25,000 SPOT6-7 downloadable products, 1,000 downloadable Pleiades Neo products, 4 million computable Pléiades World Heritage references and 16.5 millions downloadable SPOT1-5 products.

Imageries exposed by the catalog cover territories all around the Planet. A focus is given on French territories for downloadable products, representing 60 % of all downloadable products.

DINAMIS enriches this database (figure 3) since 2014 with more one million square kilometers per year of new data (Faure & al., 2024, 2025). These images originate from SPOT6-7 annual coverages of France (2014 to present days) and from end-users’ archive orders and image tasking requests (SPOT6, Pléiades, Pléiades Neo) all around the World.

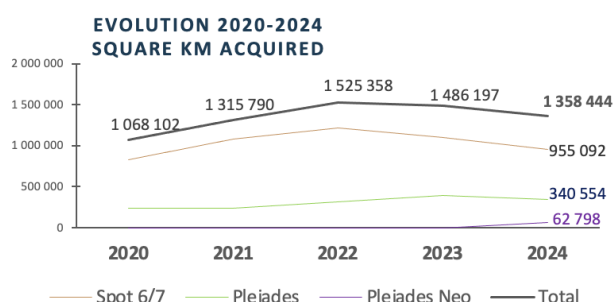


Figure 3: square kilometers acquired by DINAMIS between 2020 and 2024

3.5 Online data ordering

DINAMIS opened in 2017 a permanent call for proposals, designed to finance access to VHSR satellite imagery for certified end-user communities: orders for archives exposed in the Airbus catalog, or tasking requests of satellites for upcoming acquisitions.

This call supports the annual acquisition of new imagery, subject to the Facility’s financial capacity, in order to meet expressed needs for SPOT6, Pléiades, and Pléiades Neo datasets relevant to public stakeholders and to scientific applications.

This call is currently opened to:

- All French institutional actors: governmental institutions in charge of public policy making, research and education scientific institutions, non-governmental organizations invested in public missions;
- European Union laboratories for scientific purposes only;
- French private sector for R&D purposes only.

Figure 4 gives an illustration of the interface offering the first steps of this service, accessible in the DINAMIS catalog.

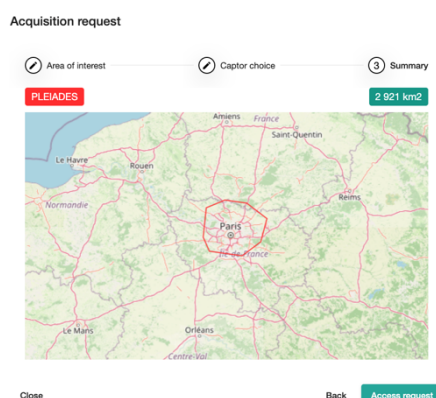


Figure 4: DINAMIS online ordering service

After definition of localization and sensor the end-user is invited to inform a project form where he or her can detail the need, justify the use of the required data, indicate methods and list planned deliverables. The form is submitted to DINAMIS for evaluation.

For satellite tasking requests, a specific service available in the catalog allows end-users to specify technical requirements. These requests enter an operational loop if validated and granted by the facility’s staff and policies.

In SPOT6’s case, telemetry is directly received and processed by DINAMIS’ infrastructures (figure 5) located at INRAE and IRD premises in Montpellier, France: the *Maison de la Télédétection*. The *Maison de la Télédétection* is responsible for tasking, acquisition, production and product dissemination (ingestion in specific data infrastructure, exposition in catalog, delivery). All operations are conducted and maintained by DINAMIS staff. This infrastructure also conducts annual coverages of continental France at 1.5 meter resolutions acquired, processed and disseminated by DINAMIS in opendata for non commercial applications (section 3.7).



Figure 5: DINAMIS’s direct receiving infrastructure, *Maison de la Télédétection*, Montpellier, France

In Pléiades’s and Pléiades Neo’s cases requests are collected and evaluated by DINAMIS. If accepted they are transmitted to the data provider Airbus. After acquisitions, products are then ingested in a specific data infrastructure at CNES, Toulouse (France) before dissemination with DINAMIS’s Catalog.

In all cases, all orthorectified products over the French territories are manufactured by IGN in Toulouse, France, before being disseminated by DINAMIS.

For archive orders a similar service is offered by the DINAMIS catalog: it exposes to the end-user all metadata from Airbus's commercial catalog, enabling him or her to submit to DINAMIS an archive order of a specific product.

Overall, this Call fits small requests only. It is limited by quotas that may vary in time in function of financial resources available in DINAMIS

The Facility's staff processes all orders and grants the data if financial capacities allow acquisitions. If not, the end-user is invited to co-finance the desired acquisitions within special institutional pricing tables established by DINAMIS and its partners.

This Call is foreseen to be extended to public scientific Laboratories in Global South countries (under conditions) if DINAMIS succeeds in closing financial Partnerships with French institutional sponsors.

3.6 Data post-processing

In complement to these services DINAMIS is interfaced to on-demand processing services operated by the thematic datahubs of Data Terra, when possible.

A first service launched in 2023 provides seamless access to the DSM-OPT webservice operated and maintained by FormaTerre, the Solid Earth datahub.

This service allows the calculation of Digital Surface Models (DSM) derived from Pléiades stereo/tri-stereo images selected by any certified end-user in the DINAMIS Catalog.

The service currently hosts ca. 200 active end-users representing 15 to 20 online processed requests per week. All generated surface models are disseminated with an open license (CC-BY-NC) by FormaTerre and Theia, the solid earth and continental surfaces Datahub, in accordance with open science principles. Figure 6 shows an example of a Digital Surface Model processed by FormaTerre using Pléiades data sets retrieved seamlessly from DINAMIS by an end-user (Faure and Mallet & al., 2025).

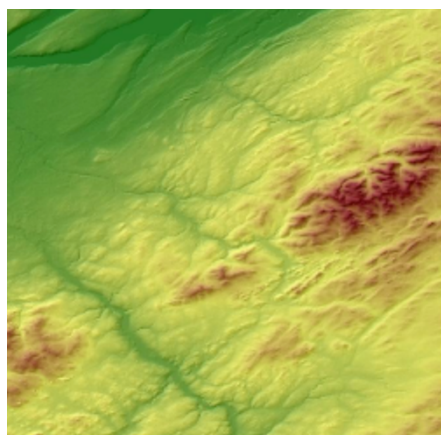


Figure 6: Digital Surface Model derived from DINAMIS Pléiades datasets using the DSM-OPT online service

In order to perform the service, a technical collaboration between DINAMIS, CNES and FormaTerre resulted in bridging Pléiades's hosting infrastructure at CNES with FormaTerre's computational infrastructure in Strasbourg (France). Instead of downloading and uploading data, the end-user drops a stereo or tri-stereo dataset spotted in DINAMIS directly into a specific cart accessible from the interface. The end-user then sends its content to FormaTerre, logs in at FormaTerre's Facility and retrieves the cart's contents for further data processing,

In 2026 DINAMIS will expose in its catalog all DSM models resulting from the service. This will allow direct DSM download when needed, before triggering the service, in order to optimize FormaTerre's computational resources.

3.7 Opendata services

As mentioned in section 3.5, DINAMIS's commitment to open science and open data principles is a part of its purpose: contribute to a wider and better usage of VHSR Satellite data in institutional and non-commercial applications.

In that perspective an open data experiment was launched in October 2023 jointly with Airbus Defence & Space. The experiment is limited to existing French territory orthorectified products only, associated with Etalab2 licenses.

A dedicated DINAMIS app, illustrated by figure 7, is separated from the catalog. It allows direct downloads by any user, after filling a quick questionnaire.

These datasets useful to thematic applications (governmental or scientific) or to AI purposes (R&D) are largely accessed: see section 4.3.

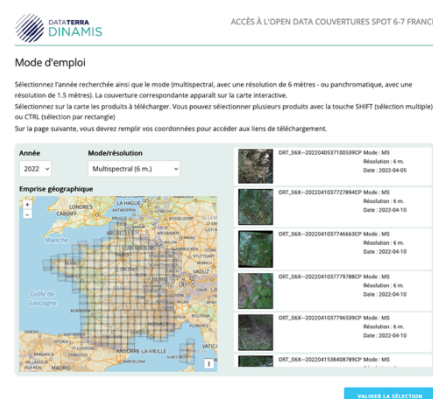


Figure 7: DINAMIS's opendata interface dedicated to SPOT6 orthorectified products (French language only).

4. Impacts on institutional usages of VHSR satellite imagery

Measuring DINAMIS's impacts on science or on public policy making or enforcement in France is a complex task. The Facility implemented a series of indicators useful to the exercise, yet insufficient to reflect all benefits generated.

Large and local scale institutional economies, direct or indirect gains resulting from downstream transformation and or

exploitation of disseminated products, scientific breakthroughs and impacts of these advances cannot be considered in this paper. On-going work (socio-economics) is being carried out by DINAMIS to progress in that area.

Nevertheless, the documentation DINAMIS produces enables to compile and demonstrate positive impacts. The time period used for this demonstration is 2020-2025, starting when DINAMIS online tools and services were launched, even though prior Facilities had been operating for several years (Geosud started in 2012).

4.1 Engagement in acculturation and networking actions

In 2025 the facility posted on its website more than 20 articles related to DINAMIS activities. It published the report of a national enquiry conducted by DINAMIS in 2024, focused on end-users feedbacks regarding the facility's services. DINAMIS published 48 posts on its LinkedIn social media, and 56 videos on its YouTube social media.

As a result, table 1 shows a strong engagement in DINAMIS's social medias (Faure et al., 2025):

	Members	Impressions or views	People Reached	Reactions
LinkedIn	3,533	170,523	109,430	2,940
YouTube	112	1,700	-	-

Table1: Social media engagement in DINAMIS (2025)

This 2025 engagement consolidates a solid of growth in new members recorded since the creation in 2021 of DINAMIS's LinkedIn account, indicating strong interest in DINAMIS's activities as illustrated by figure 8:

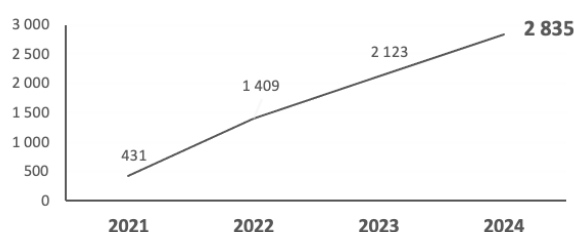


Figure 8: Social media (LinkedIn) Members, 2021 - 2024

The growing interest in DINAMIS's services is confirmed by the catalog's usage, with an average of 7 to 8 minutes spent by end-users at each connection, consulting the interface and consuming its services. The total number of connections in 2025 was above 5,400 with over 2490,00 pages visited, which represents a 38,4% growth compared to 2024 (Faure et al., 2025).

The high participation to the 2 webinars sessions held in 2025 is another indicator of the community's interest in the facility, with more than 360 registrations for more than 240 participants connected.

4.2 End-user enrolment

Between 2010 and 2017 the number of accountable eligible organizations (with equivalent criteria of eligibility) that had joined the facility prior to DINAMIS was 491. In 2024 the number of DINAMIS Members rose to 864 as showned by figure 9.

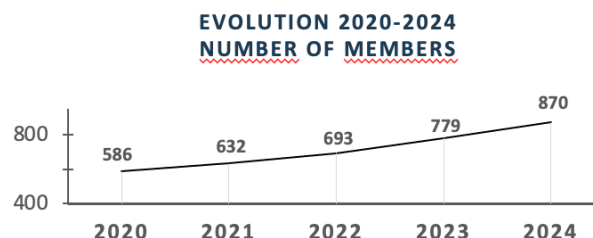


Figure 9 : Evolution 2020 - 2024 of the number of DINAMIS Members

In 2025, DINAMIS had 920 organizations certified as member of the facility. Figure 10 presents the distribution of members according to their type:

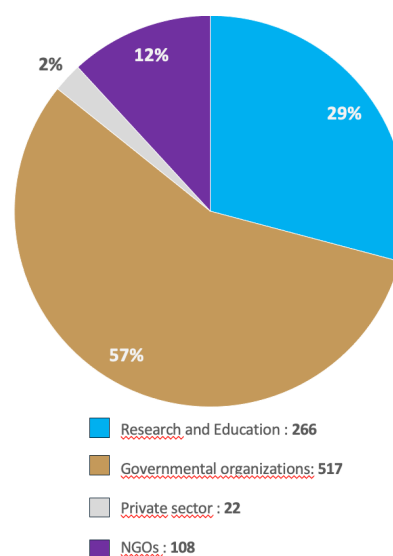


Figure 10: DINAMIS members by type in 2025

Figure 10 illustrates a shift occurred in the 2020's : the majority of current DINAMIS certified organizations is linked to the non scientific institutionnal sector: local institutionnal bodies, central and decentralized Governmental services, national or regional agencies in France, as non scientific members are eligible only in France. All scientific laboratories account for a third of all DINAMIS members, of which 80 % are located in France.

In terms of distribution of the 2,122 Personal Accounts created by certified Organizations Agents in order to access DINAMIS services, this trend is strongly mitigated :

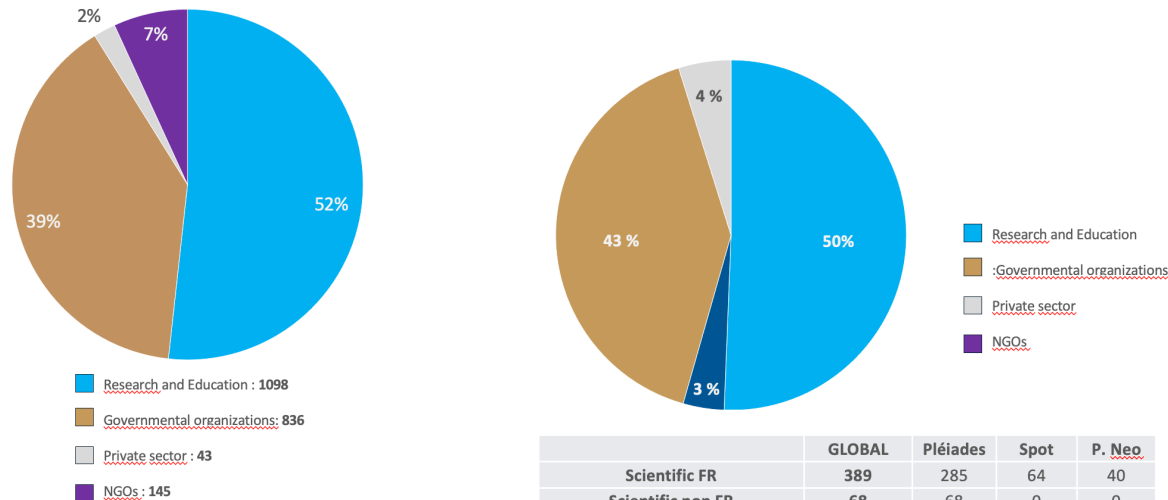


Figure 11: DINAMIS Personnel accounts by type in 2025

Figure 11 shows that more than 52% of all personnel accounts registered in DINAMIS are held by scientists. Considering new personnel accounts created between 2020 and 2025, this distribution is equally observed: more than half of the new accounts registered yearly is linked to scientific organizations.

These trends indicate that the Scientific Community as a whole is better trained to efficiently benefit from the facility’s services, and that it is more actively relying on the data sets DINAMIS provides to fulfill their missions.

4.3 Engagement in new data acquisition

Between 2020 and 2024 the total number of imagery requests expressed and granted by DINAMIS end-users doubled, reaching a total of 646 as showed by figure 12. These numbers sum archives orders and satellite taskings.

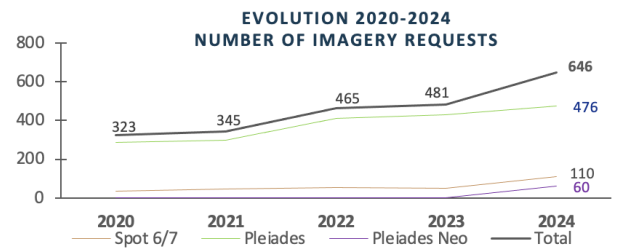


Figure 12: Evolution 2020 – 2024 of imagery requests

Pleiades requests account for a large majority (476) of the total: SPOT6 tasking over French territory is provided by DINAMIS to all end-users through an annual tasking plan directly implemented by the facility’s staff, and Pleiades Neo imagery request service started only in 2023 in DINAMIS.

In 2025, this number rose to 657. Figure 13 shows distribution of imagery requests by Types in 2025: Type of end-user, Type of sensor, Type of request.

	GLOBAL	Pléiades	Spot	P. Neo
Scientific FR	389	285	64	40
Scientific non FR	68	68	0	0
Publics servants FR	192	136	11	45
Private R&D FR	8	3	5	0
Total	657	492	80	85
Archives	234	140	58	36
Taskings	423	352	22	49
Total	657	492	80	85

Figure 13: Imagery requests by Types in 2025

Figure 13 shows that 50% of all imagery requests originates from Scientists, whether located in France or Abroad (18% of total). This trend confirms that the scientific community of end-users represents the most active group within DINAMIS. It also reflects a strong and sustained demand for high-quality imagery products to support a wide range of research activities across disciplines. Furthermore, the balanced contribution from both national and international users emphasizes the broad reach and attractiveness of DINAMIS services.

With a total of 492 requests, Pléiades sensor is confirmed as the most procured sensor within the VHSR satellite data offer packaged by DINAMIS. Pleiades Neo requests, which started in 2023 (third Quarter) and represented 60 requests at the end of 2024 (figure 11), show an even distribution between scientists and public servants and a good progression with an increase of more than 25 % in volume. SPOT6-7 requests are tempered by the annual French coverage as previously mentioned.

It is important to note that around half of Pléiades requests originating from Scientists are located in territories abroad (out of France). This number rises to 90 % in the case of SPOT6-7 imagery requests, illustrating the needs expressed by French scientists for data covering study sites worldwide.

Satellite tasking is predominant in relation to archive ordering which represents approximately a third of all requests, showing that support to monitoring activities carried out by scientists is a central function in DINAMIS. This prominence underlines the importance of continuously adapting the platform to scientific requirements, particularly in terms of data accessibility, processing capabilities, reliability, and the diversity of available datasets.

Based on these imagery requests DINAMIS delivered to its end-users 1,519,027 square kilometers in 2025, representing a 10% growth in volume compared to 2024 with only a 1,5% growth of imagery requests. In the same period, the number of personal accounts created grew in a 10% rate with 204 new end-user creating their profile in the facility. This distribution could indicate an optimization in the usage of the Facility by end-users better aware of DINAMIS’s capacities, with fewer imagery requests covering larger areas.

4.4 Engagement in data download

In terms of product download engagement, two distinct phases can be identified of figure 14, linked to the launch of DINAMIS’s opendata policy in late October 2023.

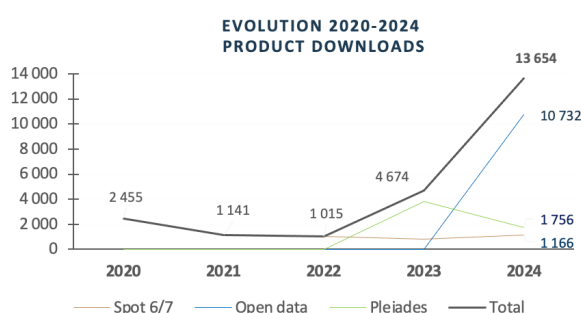


Figure 14: Product download evolution, 2020 – 2024

The opendata policy set by DINAMIS only touches SPOT6-7 orthorectified products covering French territories.

The impact of this policy is massive: total downloads tripled between 2023 and 2024. The total number of downloads reached 17,195 in 2025, of which 82% is attributable solely to open data from SPOT6-7 products over France. It is important to note that the dissemination of SPOT6-7 open data is provided through a standalone application, separate from the DINAMIS catalog. SPOT6-7 direct product downloads from the catalog did not decrease in volume after 2023, showing the scientific community’s constant interest in data sets covering foreign territories with this sensor, often tasked in stereoscopic mode.

Regarding Pléiades product downloads, the numbers are not as consistent: download monitoring started in 2022 only. In Pléiades Neo’s case, download monitoring has not yet started.

5. Conclusion and perspectives

DINAMIS has demonstrated a steady and significant progression in terms of end-user recruitment, imagery acquisition, and data dissemination. The continuous growth of its user community, combined with the increasing volume of imagery requests and downloads, highlights the relevance of the Facility in addressing the needs of both scientific and institutional stakeholders. In

particular, the central role played by the scientific community, as the most active group of end-users, confirms the importance of DINAMIS in supporting research activities at national and international levels.

The strong impact of the opendata policy on SPOT6-7 products further illustrates the potential of simplified and broadened access to very high resolution satellite imagery. At the same time, the stability of catalog-based downloads and the sustained demand for tasking services underline the continued importance of controlled access to high-value datasets and tailored acquisition services.

Beyond quantitative indicators, DINAMIS contributes to structuring a national ecosystem for Earth observation data, fostering collaboration between institutions, improving data accessibility, and supporting the emergence of new applications in science, environmental monitoring, and public policy.

Looking ahead, several challenges and opportunities remain. Improving the assessment of socio-economic impacts, expanding partnerships—particularly at the European and international levels—and integrating new data sources and processing services will be key priorities. Strengthening interoperability with other Data Terra services and enhancing user support and training will also be essential to maximize the effective use of available resources.

In this context, DINAMIS is well positioned to play a major role in the evolution of non-commercial Earth observation practices in France and abroad, contributing to open science objectives and to a better understanding and management of environmental and territorial dynamics.

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