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LOCAL COPERNICUS DEMONSTRATOR IN BRITTANY

>>> A few years later

This solution has started as an UML 1 - Explorer because Regional Authority has planned ad-hoc tests to assess potential benefits of a Copernicus-based solutions. In the last few years, space technologies and applications have been identified as a strategic domain through the Smart Specialisation Strategy (S3) in Brittany Region.

Mr. Nicolas Bellec, GIS BreTel - IMT Atlantique



BENEFICIARIES	Regional Copernicus - GIS BreTel and GeoBretagne	Regional and Local Public Authorities in Brittany	Farmers and food producers	Citizens and society
	TIER 1: SERVICE PROVIDER	TIER 2 PRIMARY USER	TIER 3 SECONDARY USER	TIER 4 END USER BENEFICIARIES
SERVICES	Sentinel-2	Breton geographic data sharing platform "GeoBretagne"	NDVI or LAI vegetation indices maps	Improved crop management and food quality

Value chain definition following SeBS Methodology - <https://earsc.org/sebs>

The space-based solution

Copernicus-based solution produced by a scientific entity for other users. In these past few years, there has been no significant technical modification of the solution..

The Usage Maturity Level

Since 2018, the solution has transitioned to a higher level: from UML 1 Explorer to UML 2 Ad hoc-user. The reason for this has been identified in an increased awareness about Copernicus programme at decision-making level.

Thematic Area



TERRITORIAL MANAGEMENT AND URBAN PLANNING

Region of Application



BRITTANY

Sentinel mission used



S2

Copernicus Service used



-

Usage Maturity Level



2

Overall benefits

ECONOMIC



No noticeable additional modification/impact on the functioning of the public administration nor on the lives of the citizens since 2018.

INNOVATION



No noticeable additional modification/impact on the functioning of the public administration nor on the lives of the citizens since 2018.

ENVIRONMENTAL



No noticeable additional modification/impact on the functioning of the public administration nor on the lives of the citizens since 2018.

SCIENCE



No noticeable additional modification/impact on the functioning of the public administration nor on the lives of the citizens since 2018.

REGULATORY



No noticeable additional modification/impact on the functioning of the public administration nor on the lives of the citizens since 2018.

SOCIETAL



No noticeable additional modification/impact on the functioning of the public administration nor on the lives of the citizens since 2018.

Benefits classification following SeBS Methodology - <https://earsc.org/sebs>

Interesting facts...

In the last few years, space technologies and applications were identified as a strategic domain through the regional Smart Specialisation Strategy (S3). The regional Copernicus (conceived with GéoBretagne, the regional geographic information centre), aims to be used as a demonstrative platform to explain the benefits of Copernicus data in public administration. Such approach has already allowed administrations to express concrete needs respect to Copernicus data, products and services.

Outlook to the future

The future work on this Copernicus-based solution envisages to select several needs expressed by the administrations, to co-designed applications and to them integrate them in the Regional Copernicus platform. This process is inserted in a wider perspective of participative ad-hoc solution design.

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ABOUT COPERNICUS4REGIONS

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