

>>> A few years later

Over the past few years, processing performance of the solution has been improved, while data availability time has been reduced. Currently, there are complementary tools that improve automatic analysis of wildfires.

Celso Coco Megía, CENTRO INTEGRADO FP ALMÁZCARA - Junta de Castilla y León

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BENEFICIARIES	Centro Integrado de Formación Profesional de Almázcara	Regions of Galicia, Asturias; Provinces of León and Zamora in Castile y Leon	Public administrations in charge of restoring the burnt-out spaces	Citizens and society
	TIER 1: SERVICE PROVIDER	TIER 2 PRIMARY USER	TIER 3 SECONDARY USER	TIER 4 END USER BENEFICIARIES
SERVICES	Sentinel-2	Maps of scar burn; Severity maps of forest fires	Improved and more effective decisions management; Possibility to prioritise the most urgent actions; Improved filtration level of runoff water hence reduce soil loss and loss of fertility	Improved biodiversity and habitat of species; Economic savings of the public budget

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

The space-based solution

The Usage Maturity Level

This Copernicus-based solution was produced by a scientific entity and by a Public Administration (PA) for an internal use of the PA itself. From technical perspective, there were significant performance and automation improvements. In the past few years, the solution remained more or less at the same UML. The main reason for this was identified in the fact that in-house expertise is still being developed.



THE EVER GROWING USE OF COPERNICUS ACROSS EUROPE'S REGIONS: A selection of 99 user stories by local and regional authorities

Overall benefits

ECONOMIC



Efficiency gains have been registered
The replicability of the solution was achieved

ENVIRONMENTAL



REGULATORY

Reduced impact on biodiversity
Reduced depletion of natural resources

The solution has facilitated or improved the

compilation of institutional reports by the PA

INNOVATION



The solution has helped to introduce some innovation in the functioning of the public administration

SCIENCE



- The solution has helped to improve understanding about a specific topic of interest traditionally not related to Earth Observation (EO)
- The solution has enabled some technological advancement (e.g. positive technological externalities)
- There was an increase in technical/scientific expertise related to Copernicus/EO within the PA

SOCIETAL



- Sense of trust/community for the involved actors has increased
- Civil security has improved
- Strategic added value was registered for society
 as a whole
- There have been improvements in public awareness

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

Interesting facts...

In recent years, authors of this User Story have detected a growing interest in Copernicus data. However, in practice, it seems that assimilation and training to reach a more frequent use of these data is still in process. The key factor has been recognised in training activities.

Outlook to the future

As a member of the Copernicus Academy, the service provider of this User Story will continue to organize courses to reach the largest number of users who want to use this Copernicus data for wildfire analysis.

Contacts

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Find the original story at

www.nereus-regions.eu/copernicus4regions/user-stories-sheets or Download the full publication www.nereus-regions.eu/copernicus4regions/publication

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