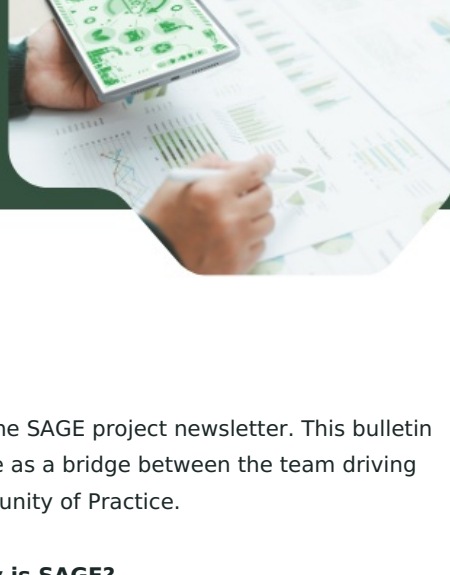




SAGE



The Data Space for a Sustainable Green Europe



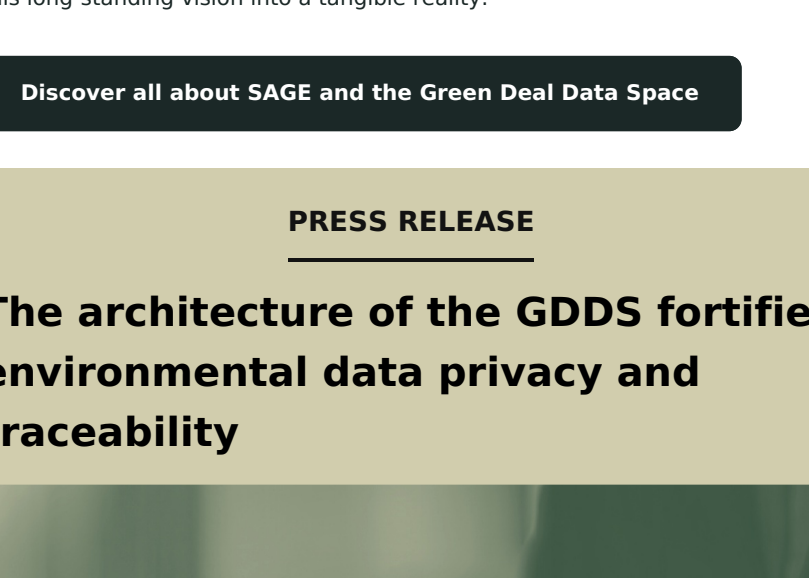
Dear <<Name>>>,

Welcome to the inaugural edition of the SAGE project newsletter. This bulletin is born out of a clear mission: to serve as a bridge between the team driving SAGE forward and our growing Community of Practice.

But first things first: what exactly is SAGE?

SAGE (the Data Space for a Sustainable Green Europe) is a Digital Europe co-funded project that is **bringing the Green Deal Data Space (GDDS) to life**. Once the project is completed, a fully operational, federated, secure, and interoperable data space will be in place to support key pillars of the European Green Deal—biodiversity, climate adaptation, circular economy, and zero pollution. And we want you to be a part of it.

This vision is rooted in the [European Strategy for Data](#), which addresses a critical need identified by the [European Green Deal](#): the necessity for seamless data management to drive Europe's green transition.



The GDDS stands at the intersection of these two policies, designed to facilitate secure and reliable environmental data sharing across the European Union. Today, building on the legacy of preparatory actions like GREAT, AD4GD, FAIRICUBE, USAGE and BCubed, SAGE is taking the lead to transform this long-standing vision into a tangible reality.

[Discover all about SAGE and the Green Deal Data Space](#)

PRESS RELEASE

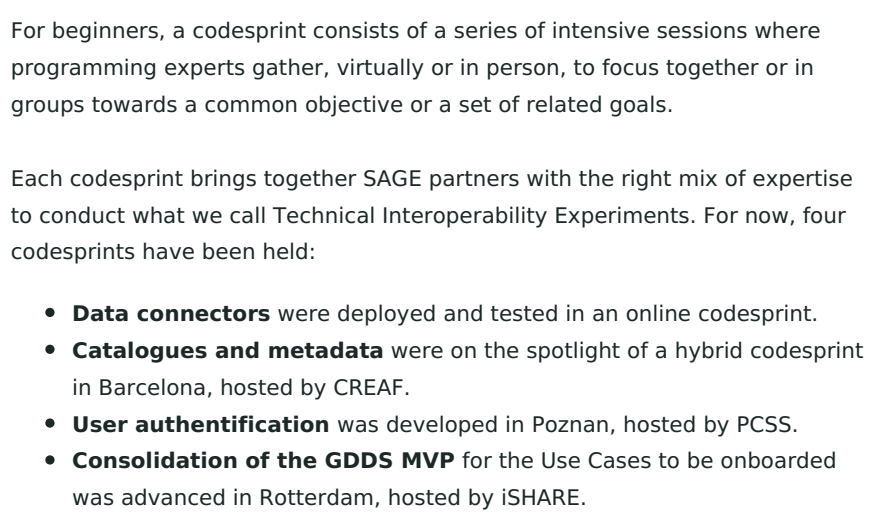
The architecture of the GDDS fortifies environmental data privacy and traceability

The core architecture of the Green Deal Data Space has been defined grounded in **data quality, sovereignty and interoperability**. To transform Europe into a climate-neutral, competitive, and resource-efficient economy by 2050, businesses, governments and scientists need to access and combine a wide range of multi-sectoral data, respecting confidentiality as required. However, this data remains highly scattered and unreachable and the risks of sharing sensitive data through traditional cloud systems continue to increase. **The architecture defined by SAGE aims to remove these risks**. This is a major step towards creating a fully operational GDDS, an initiative that has been led by CREAM with contributions from other SAGE partners.

[Learn more](#)

TECHIE CORNER

Developing the GDDS together: making giant strides through collaborative codesprints



Programming is more about practice than theory. Trial and error is usually the best way to make progress. That's why at SAGE, hands-on activities have been placed at the heart of GDDS development. **A series of internal codesprints have been launched** as an effort to start putting together the components of what is the embryo of the current Minimum Viable Product (MVP) of the GDDS.

For beginners, a codesprint consists of a series of intensive sessions where programming experts gather, virtually or in person, to focus together or in groups towards a common objective or a set of related goals.

Each codesprint brings together SAGE partners with the right mix of expertise to conduct what we call Technical Interoperability Experiments. For now, four codesprints have been held:

- **Data connectors** were deployed and tested in an online codesprint.
- **Catalogues and metadata** were on the spotlight of a hybrid codesprint in Barcelona, hosted by CREAM.
- **User authentication** was developed in Poznan, hosted by PCSS.
- **Consolidation of the GDDS MVP** for the Use Cases to be onboarded was advanced in Rotterdam, hosted by iSHARE.

[Read more](#)

Deploying and extending Eclipse Dataspace Components connectors in support of the European Green Deal

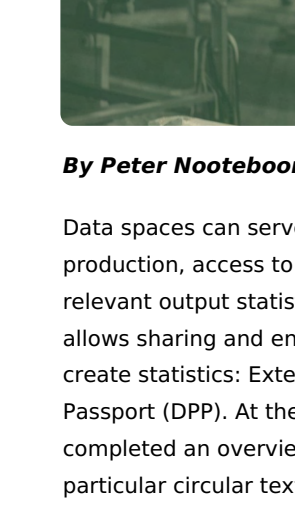


Entities participating in a data space may have varying levels of trust, ranging from partners to untrusted parties or direct competitors. **It is therefore essential that participants remain in control of the data they share at all times**. To ensure this kind of data sovereignty, we need the right technical tools.

SAGE is exploring how [Eclipse Data Components \(EDC\)](#), particularly EDC connectors, can be sufficiently robust for the purposes of the GDDS. In this article, Raul Palma, technical lead from PCSS, explains that the following progress has been made.

These developments strengthen secure, interoperable, and FAIR-aligned data sharing within SAGE, enabling seamless integration of environmental and other Green Deal related datasets for downstream analytics and AI-ready data provisioning.

[Read more](#)



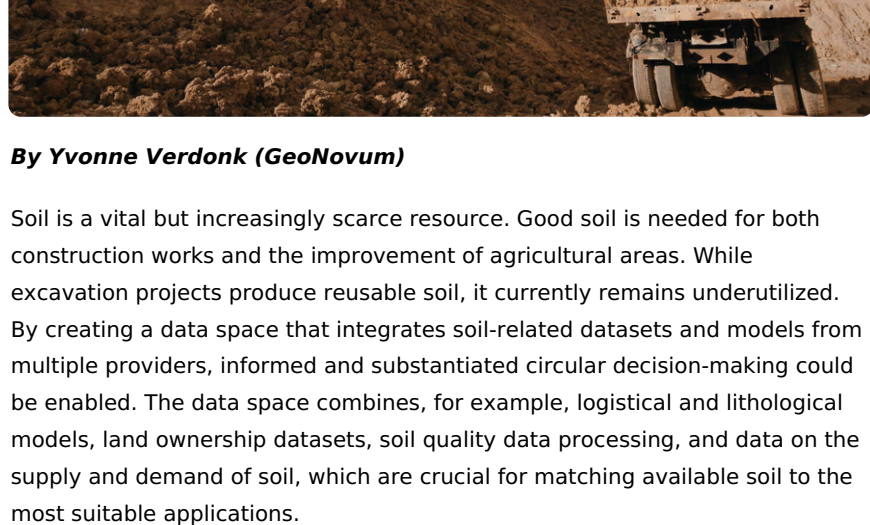
"SAGE is deliberately ambitious. The Green Deal Data Space must allow holders of restricted data to confidently manage who uses their data for what. It must bring together a wide range of data from many sources, along with tools to help use cases create new data products that will help them meet their objectives."

Mark Dietrich, technical coordinator of SAGE.

USE CASES

POLLINATOR MONITORING

How does SAGE help to protect pollinators and promote sustainable agriculture and beekeeping?



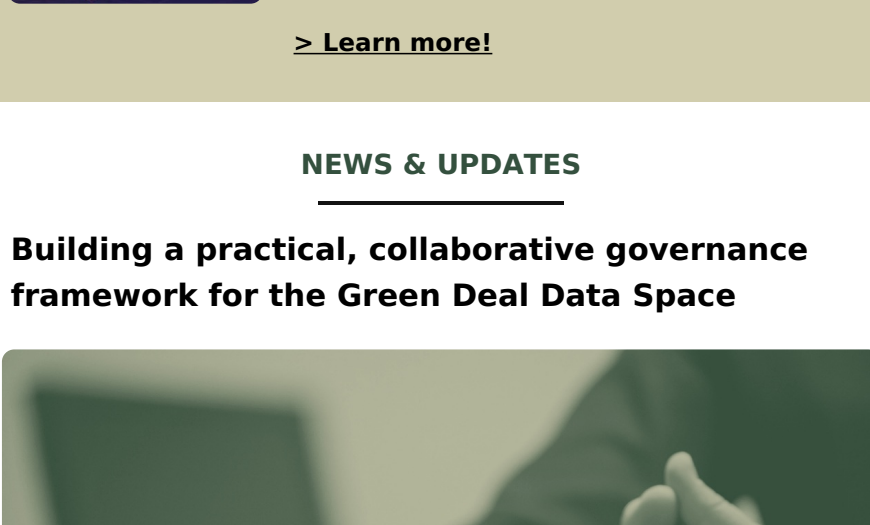
By Maciej Zacharczuk (PCSS)

SAGE addresses the protection of pollinators and the enhancement of agricultural and beekeeping practices primarily through the Pollinator Monitoring Dataspace (PMDS). This initiative utilizes advanced data integration to stimulate a transition toward sustainable, pollinator-friendly agriculture. The data space approach provides practical tools that integrate directly into modern farming workflows including informed decision-making, automated recommendations and eDarwin Platform Integration.

[Read more](#)

TEXTILE CIRCULARITY

The Green Deal Data Space boosts new data sources to improve circular economy statistics in Europe



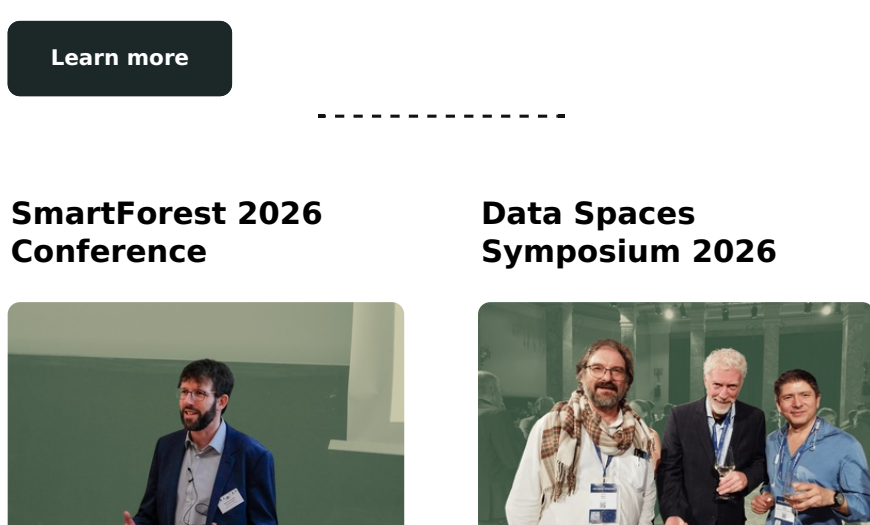
By Peter Nooteboom (CBS)

Data spaces can serve many different purposes. In the domain of statistics production, access to new input data sources can be efficiently organized, and relevant output statistics can be disseminated to target audiences. The GDDS allows sharing and enrichment of two data sources that are not used yet to create statistics: Extended Producer Responsibility (EPR) and Digital Product Passport (DPP). At the beginning of 2026, CBS (Statistics Netherlands) completed an overview of statistics, relating to the circular economy and in particular circular textile, where opportunities may exist.

[Read more](#)

SOIL CIRCULARITY

A digital will enable circular soil flows and sustainable and land use in the Netherlands



By Yvonne Verdonk (GeoNovum)

Soil is a vital but increasingly scarce resource. Good soil is needed for both construction works and the improvement of agricultural areas. While excavation projects produce reusable soil, it currently remains underutilized. By creating a data space that integrates soil-related datasets and models from multiple providers, informed and substantiated circular decision-making could be enabled. The data space combines, for example, logistical and lithological models, land ownership datasets, soil quality data processing, and data on the supply and demand of soil, which are crucial for matching available soil to the most suitable applications.

[Read more](#)

EVENTS ON THE RADAR



Thursday, April 30 - 11:00 am

DEPLOYTOUR Beyond Borders: Tourism, Data & Green Deal

This webinar will explore the collaborative opportunities between DEPLOYTOUR and SAGE's Green Deal Data Space.

[> Sign up!](#)



Wednesday, May 27

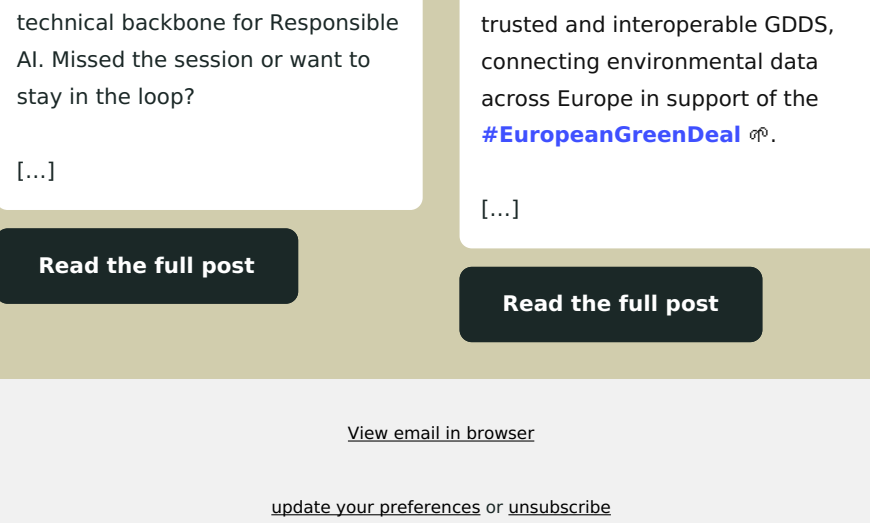
Textile ETP Annual Conference 2026

Our textile circularity use case partners will host a session on how the Green Deal Data Space is cutting compliance burdens and improving data quality and availability to help drive the circular textile transition.

[> Learn more!](#)

NEWS & UPDATES

Building a practical, collaborative governance framework for the Green Deal Data Space



Within Work Package 4 (WP4), partners are working together in co-creation sessions to define the GDDS Governance Framework and Rulebook. During one of the latest sessions, we worked on Phase 2 of the GDDS Governance Framework development. This means turning agreed principles into clear and workable processes. Together, partners are defining:

- Governance bodies and responsibilities
- Decision-making processes
- Issue escalation
- Day-to-day governance operations
- How data rights are applied in practice

iSHARE supports this process by facilitating the sessions and helping translate governance principles into enforceable mechanisms, with a strong focus on data rights, trust, and legal certainty. This is a collaborative effort. The goal is to build a Governance Framework that is practical, scalable, and trusted by all participants

[Learn more](#)

SmartForest 2026 Conference

In Freising, SAGE partners addressed how the forestry sector requires better data access and usage to tackle its recent transformations.

[> Learn more](#)

Data Spaces Symposium 2026

SAGE technical coordinator, Mark Dietrich, presented our compliance journey. The team connected with peers shaping Europe's data future.

[> Read more](#)

Textile Recycling Focus Day

Luca Campadello, from SAGE partner Erion, highlighted new EU textile regulations, focusing on the Digital Product Passport and the role of data in advancing circularity in the textile sector.

[> Read more](#)

Circular Textiles Day 2026

SAGE partners GS1 in Europe, Reverse Resources and TE-Xroad explored how to unlock business value in circular textiles by connecting Extended Producer Responsibility with Digital Product Passports, and making data reusable.

[> Learn more](#)

Gearing up for the SAGE General Assembly

After wrapping up its latest General Assembly in Amsterdam on 6-7 November, the SAGE project team will reconvene in Oslo on 6-7 May, hosted by SINTEF.

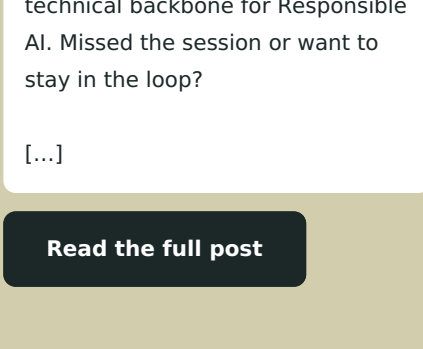
[> Learn more](#)

iClimateAction Webinar Series

Discover this series of technical webinars from iClimateAction, laying the technical foundations for the latest Global Climate Observing System (GCOS) Status Report.

[> Read more](#)

SPOTTED ON LINKEDIN



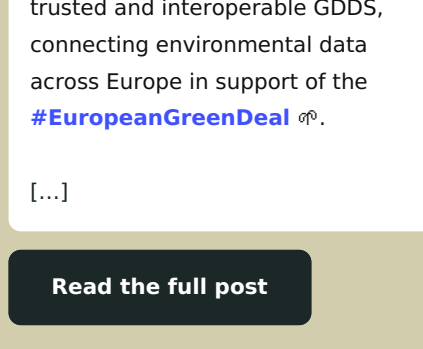
▲ SAGE Data Space

February 2026

#ThrowbackThursday to an inspiring joint session at #DSS2026! Last month in Madrid, SAGE joined forces with DataPACT and ACCOMPLISH for a discussion on compliance-by-design and how data spaces can serve as the technical backbone for Responsible AI. Missed the session or want to stay in the loop?

[...]

[Read the full post](#)



▲ Valentina Staveris

January 2026

A major milestone for the Green Deal Data Space Feasibility Study with #SimpliLive! Over the past months, the Simpli-Live team has been working hand in hand with #SAGE and #DGEV to explore how #SimpliOpen can power a trusted and interoperable GDDS, connecting environmental data across Europe in support of the #EuropeanGreenDeal.

[...]

[Read the full post](#)

