

GLOBAL SUSTAINABLE ENTERPRISE SYSTEM

GSES System on 1 stop Sustainability Shop for investors, buyers, retailers, consumers and product suppliers for a better future!

The Holistic Standard for social and environmental performance for the public and private sector

77 SECTOR SPECIFIC ACCOUNTING STANDARDS 17 GLOBAL GOALS 9 GENERIC STANDARD 1 AUDIT 1 SYSTEM

www.gses-system.com











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Global Sustainable Enterprise System

The Global Sustainable Enterprise System is an overarching, scalable, and leading online sustainability platform based on the underlying international standard; the Global Sustainable Enterprise Standard; the global holistic standard for social and environmentally friendly organizations and products.

The GSES System is a comprehensive, Software-as-an-Service ("SaaS") platform that offers various services, including product lifecycle management, supply chain management, supply chain risk monitoring, data validation, and certification of organizations, processes & products.

With the GSES System, every company can participate regardless of size, country, or sector.



Organisations +70.000



Sectors +77



Countries +110



Unifying Goals

Industries

	Accountancy
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Automotive

😝 Agri

Aviation

🏟 Bankings

Buildings

Catering

Government

Cleaning

Construction

Consultancy

Products

magnetist Dentist

Education

Electronics

Employment

Energy Energy

Engineering

M Entertainment

Exhibition

Financial

Food

Sraphic 4

Healthcare

A Infrastructure

○ ||

Law Firm

Lease

Manufacture

Offshore

Packaging

Sofety

Sports

III Trading

Tourism

The GSES System - Standards 2 main levels - 1 worldwide platform

The Global Sustainable Enterprise System (GSES System®) consists of 2 main levels and underlying standards:

- Global Sustainable Enterprise Standard (processes/organization level)
- Sustainable Footprint Standard (products/projects)

The standards are open source and managed by a broad international range of experts, stakeholders from diverse industries led by the NationalSustainability Institute of the Netherlands. GSES System® is the golden standard for sustainable, social, and holistic performance of organizations, supply chain & products.

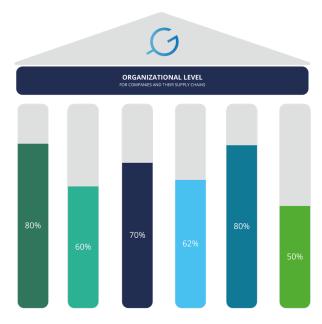
GSES system is applicable for:

- Corporates
- SME Companies
- Micro Companies
- Provinces
- Ministeries
- Investment & Pension funds
- Public Organizations
- Water Authorities
- Municipalities
- Payment providers
- Retailers

Used by:

- Buyers
- Marketeers
- Designers
- CSR Managers
- QHSE
- Procurement Consultants
- CFO's
- Contract Managers
- CEO's & Board

House of Sustainability



Corporate Social Responibility (CSR) – based op ISO 26000

Sustainable Procurement – based op 20400

O Circular Economy CO2 emissions – based op 50001 & ISO 14064-1

(CE) – based op BS 8001

Mealth & Safety – based op ISO 45001

Biodiversity.

The Global Sustainable Enterprise Standard® - Organization level

The Global Sustainable Enterprise Standard measures organizations on all facets of sustainability at the organization level. The Standard is based on GRI and ISO High-Level Structure and compliance with UN Global Compact, OECD Guidelines, and Responsible Business Alliance. The GSES System Standard is suitable for SMEs & Corporates, and the private sector. The GSES System Standard measures the following levels and pillars:

2 levels of measurement:

Organization level Supply chain level

6 pillars of sustainabilty









Health & Safety – based op ISO 45001



The translation of the 17 Sustainable Development Goals (Sustainable Development Goals) of the United Nations are also included in the GSE Standard. By integrating this into the overall GSES System, we provide organizations with tools that help them support the SDGs.



































SUSTAINABLE META STANDARD

The GSES System is an overarching system that works with a Sustainable Meta Standard as an exemption matrix that includes more and more certificates that are related to sustainability. Upload your certifications to the platform and receive your ESG rating within 48 hours.

CLAIM YOUR RESULTS

The GSES System is an overarching standard that works in reverse. This means that the GSES System rewards participants for certifications they have already achieve. The GSES System uses 1st and 2nd line exemptions. First-line exemptions are certificates that have been audited and issued by an independent certification body that an Accreditation Council supervises in the country where it is established.

2nd line exemptions need to be checked by presenting extra data and audit reports because independent certification institutions do not audit them.

The Sustainable Meta Standard rates certificates & ecolabels - a few examples































































































































































































































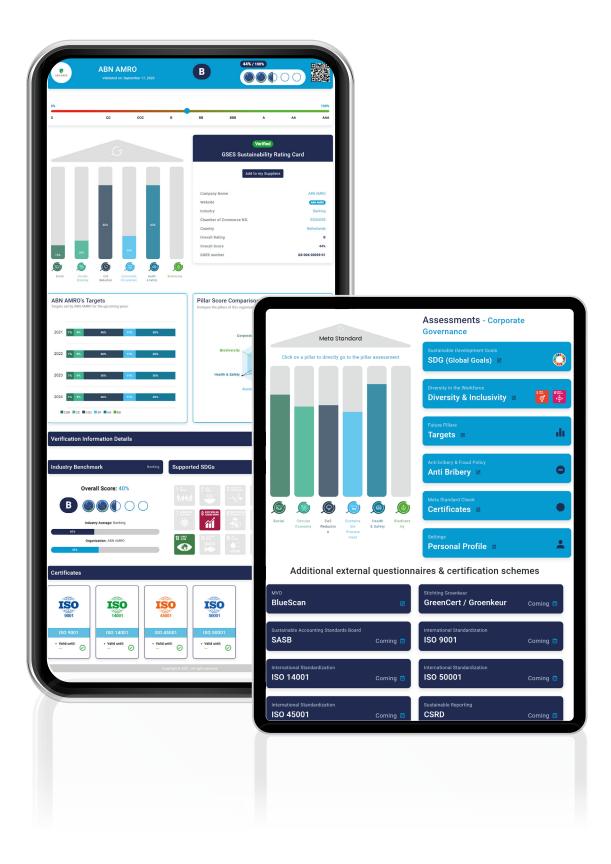








The Rating Card - Organization



GSES Sustainable Footprint Standard® - product/project level

Enables quantitative sustainable & circular procurement

In an extension of the GSES System® Standard on an organizational level, we developed a three-stage generic product certification which measures products/projects, building & raw materials solution for the generic measurement of products/projects, buildings & raw materials. The Sustainable Footprint Standard measures on 3 pillars:

Circular Footprint Environmental Footprint Health Footprint







Health Footprint®

The Health Footprint (HF) will focus on the product and not on processes. The focus and KPIs are aimed at the harmfulness to health of used substances, during the usage phase of a product.

The focus will be on substances that are LEED compliant and BREEAM toxic compliant. This should be included in the Bill of Material of products. These are, on the one hand, toxic substances that are in the product and on the other hand, substances that are NOT in the product.

There is also a connection with the European REACH list (prohibited substances). In addition, the ambition is to record whether substances of the list of Substances of Very High Concern (SVHC, European list, Dutch version) and CMR substances (carcinogenic, mutagenic, or toxic for reproduction) are present or not.

The Health Footprint takes into account:

- Toxic substances (LEED, REACH),
- GMO,
- · Pesticides,
- Bill of Material substance list, and in research:
- CMR (carcinogenic, mutagenic, or toxic for reproduction) substances,
- Substances of Very High Concern (SVHCs)

Environmental Footprint®

The following aspects are taken into account in a qualitative analysis:

The following aspects are additional EF-indicators and/or are taken into account at an organizational level by means of the GSES CE pillar or as an informative statement:

- Use of scarce materials.
- Product lifespan.
- Circular business strategy is subject at the organizational level through the CE pillar of the GSES
- Improvement strategy

Certification of the EF score comes with the obligation to obtain the EF certification within 2 years. This will give an even more complete picture of the sustainability performance. In addition to the EF certification, there is also the obligation to ensure company-wide circularity (CE pillar) within 2 years.

Environmental Impact

If the impact of energy and other environmental emissions is also to be considered, then the EF must be determined. This EF method is based on life cycle assessment (LCA). The EF is based on the:

- · ISO 14040/44
- ISO 14025
- European PEF

Circular Footprint®

The Circular Footprint (CF) is part of the product certification standard of the GSES System – Sustainable Footprint Standard. Next to the Circular Footprint, the Sustainable Footprint Standard consists of the Environmental Footprint (EF) and the Health Footprint (HF). The three topics (CF, EF, and HF) give a comprehensive picture of the sustainability performance of a product, the production process, and the supply chain.

The CF focuses entirely on the use of materials in a product and its circular performance. The calculation method is based on both material usage (input side) and post-use processing (output side). The calculation in weight does not take into account the specific flow of material. The circular performance of the input and output side result in a circularity score.

With the CF, the Sustainable Footprint Standard of GSES allows for a pragmatic start for calculating and certifying a circularity score for products. Hence, it fills a gap because there is no standard/calculation method for the circularity of products yet. The CF method is very accessible, in principle anyone would be able to use the Excel model of the calculation method provided by GSES or the online calculation tool on the GSES platform (BoM calculator) to calculate the CF score. That is because only the flows of materials are included.

Circular Footprint Standard - CF is based on existing standards:

- MCI index of the Ellen MacArthur Foundation
- Cradle to Cradle standard
- Platform Circulair Bouwen (CB) '23 standard (Circular Construction '23 standard)
- Meetmethodiek losmaakbaarheid (method for calculating separation index), Dutch Green
- Building Counsel (DGBC), nov 2019

The following aspects are taken into account in a quantitative analysis:

- Input side: use of recycled, biological and reclaimed materials.
- Output side: effective recycling/reclaiming and the possibility of composting biological material.
- Separation index: the ability to separate parts or materials after use to make refurbishment, re-use or material mono-streams possible

The following aspects are taken into account in a qualitative analysis:

The following aspects are additional CF-indicators and/or are taken into account at an organizational level by means of the GSES CE pillar or as an informative statement:

Use of scarce materials.

- Product lifespan.
- Circular business strategy is subject at the organizational level through the CE pillar of the GSES
- Improvement strategy

Certification of the CF score comes with the obligation to obtain the EF certification within 2 years. This will give an even more complete picture of the sustainability performance. In addition to the EF certification, there is also the obligation to ensure company-wide circularity (CE pillar) within 2 years.

Circular Economy on an organizational level (CE pillar based on BS 8001)

In order to do so, the company must certify circularity management within the GSES System by means of the Circular Economy pillar at an organizational level, which is based on BS 8001. The CE pillar at organizational level includes circular business models, raw material procurement, supply chain transparency with regard to CE. For this pillar, see the GSES handbook (Global Sustainable Enterprise Standard 2.2).

OPEN SOURCE and continuous improvement

The CF is in a standardization phase. It is linked to international developments in the field of measuring circularity and input from all industries and sectors so that the latest insights and findings are taken into account.









The Rating Card - Projects & Products



Supplier level - Procurement Tools within the GSE System

The GSES System platform can be used as a procurement tool. The Supplier functionality on the online GSES System Platform gives every participant the opportunity to invite and rank suppliers on standardized and internationally accepted sustainability themes as CSR, Sustainable Procurement, CO2, Circular-Economy, Health, Safety and Biodiversity. After the suppliers publish the scores of the theme of your choice after a validation, a supplier ranking will appear on your procurement dashboard. Compare suppliers, manage your categories, budget and spent. And invite suppliers for tenders, RfP's and assessment rounds.

GSES System helps to give the insights you need to make better informed and data-driven decisions, to find the right suppliers, and enjoy increased levels of visibility and control over your entire supply chain. In our online communities, suppliers become more visible to buyers through the GSES System database.





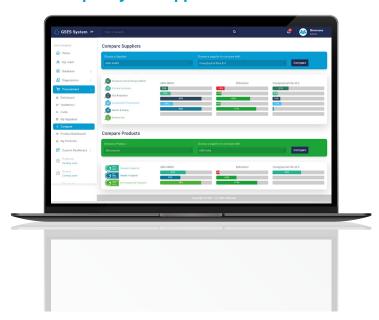




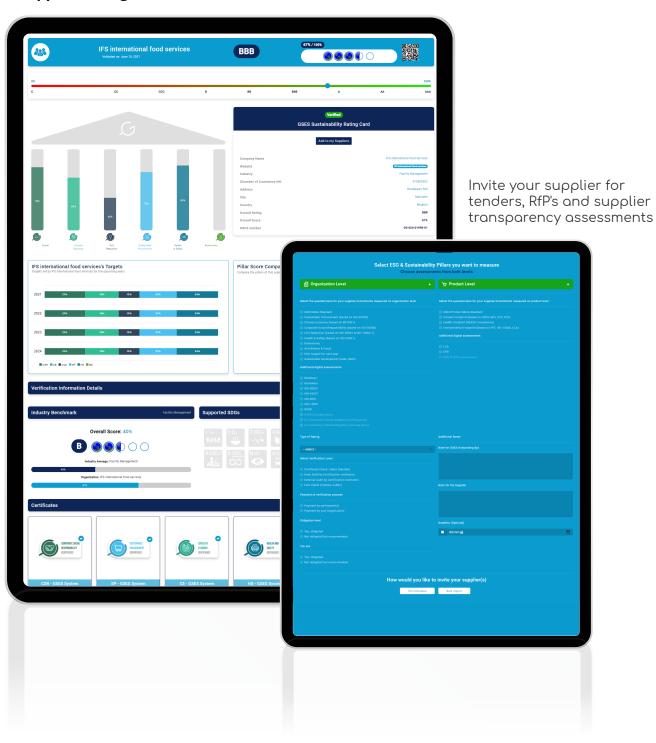




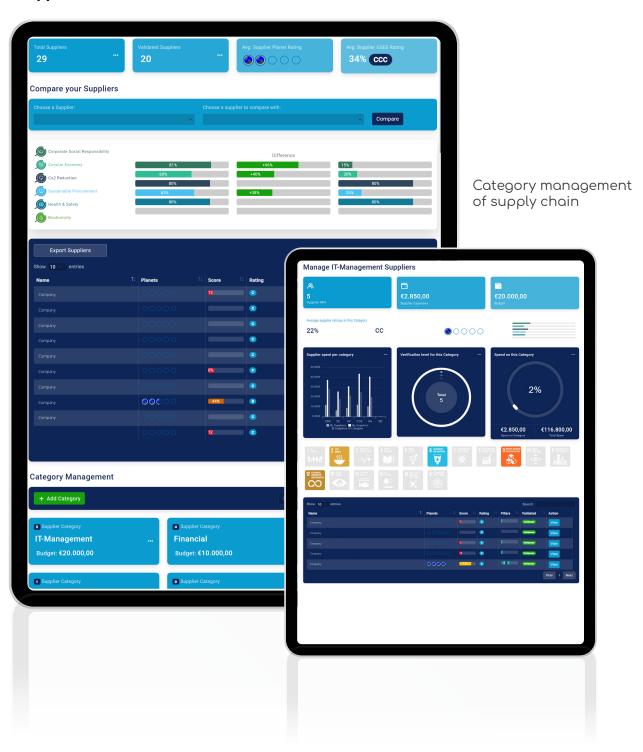
Compare your suppliers



Supplier listings



Supplier dashboard



Verification and Certification of the GSES System Assessments

All audits via the GSES System, including the Global Sustainable Enterprise Standard & the Sustainable Footprint Standard, are independently validated and audited to guarantee the results of the outcome and confirm sustainability claims. The independent validation policy of the GSES System and the steps towards certification are explained below:

- **1. Meta Standard:** A 'Validation' / exemption method based on (valid) supplied certificates/reports on the GSE-Meta Standard Organizational 1st & 2nd Level.
- **2. Desk Audit:** A "Desk Audit" concerns a 'verification' based on supplied data. During a Desk Audit, the content of the burden of proof is checked remotely. Professional certifying institutions perform the desk audits. Conducting a desk review before the onsite audit is cost-efficient, as it shortens the time required to perform an onsite audit.
- **3. Onsite Audit:** An "Onsite Audit" concerns an onsite audit on location. The external audits are performed by certification bodies supervised by the RvA (Accreditation Council).

Accredited and licensed Certification Bodies execute external audits. GSES System Full Members can request an external audit on the GSE-Standard (organization and supply chain level) and the Sustainable Footprint Standard (product/project level). All audits are performed independently by certification bodies that comply with ISO 17021. and ISO 17065."

4. Fact Check

In fact, a Fact Check is simply a request for proof that the claims made about a product are true. By enabling a real and transparent exchange between civil society, companies and governments.













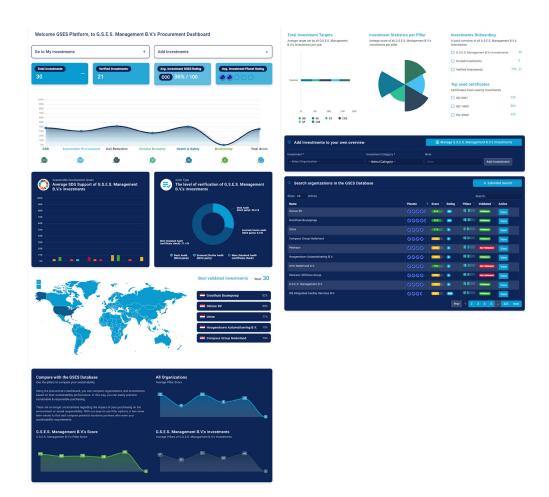
Investment & Green Loans Dashboards

On the GSES System platform you can integrate ESG & Sustainability factors into the entire life of a loan, from loan application through periodic loan review.

This is made possible by our Loan Book feature, a dashboard which only features green loans. On this dashboards the following features are available:

- Measure Green Bonds
- Monitor Green Bonds
- Verify your Green Bonds
- Invite clients for measuring, monitoring & verification
- Calculate interest based on verified and real time data Including; CSR, Circular Economy, Sustainable Procurement, CO2/Carbon emissions, Health & Safety, Inclusivity and Diversity
- Taxonomy monitoring scheme
- Target setting per loan / Green Bond
- Independent verification by certification institutions
- Risk management of Green Bonds

This way, your organisation can track any reliable information regarding its green loans. To enable this we have created the sub-branch of GSES called the Global Sustainable Taxonomy System. Of course, it is accessible from our platform: https://gses-system.com/.

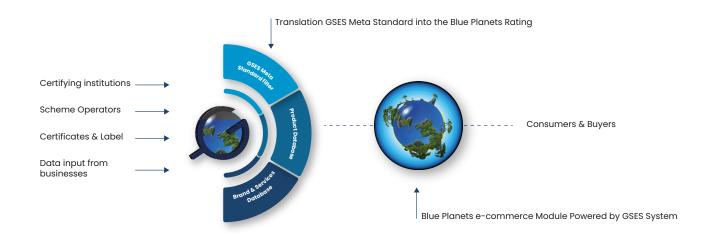


E-Commerce and Retail Module on GSES-System

On the GSES-System there is now a branch dedicated to e-commerce platforms. This is making our platform even more inclusive than before. E-commerce platforms are now able to participate in promoting sustainability. Customers from e-commerce platforms that have joined the GSES-System will be able to choose what product to buy based on the sustainable criteria they consider is more important.



The GSES rating system uses blue planets to illustrate the rating results. It works just like the star rating system; the more planets you have, the more sustainable you are. But instead of stars these are Blue Planets designed by the Blue Planet Alliance.



This is specifically designed to help consumers in their decision making process when purchasing a good on e-commerce platforms.

The GSES-System Payment-Provider Module

The key to shifting (consumer) behavior is to educate when decisions are made. With the Blue Planets program, bank customers can choose the level of information they want to see. In this way, as a financial service provider you are enabling global sustainable procurement on consumer & B2B level. at the time you are raising awareness and creating more customer engagement with your clients.

This feature is specially designed for bank customers as it enables them to have a comprehensive search-tool for rated, local and green businesses to buy from. As well as a statistical spend option to see sustainable spending per bank account and per period. There is also the option to see the Blue Planets ratings on the bank statements and mobile banking app.

Business customers can also heavily benefit from this program as there is a business membership option through which they can synchronise, online, their merchant application and have access to an online payment provider application.

This is a comprehensive searching tool for green products, brands and services.

The Blue Planet Program ensures a 76% Coverage of all organizations worldwide which is 100% automated. A feature for payment providers, financial service providers and banks across the world.



Benefits



- Worlds only overarching rating system
- Based on verified data & certifications
- Open source input structure
- Risk free sustainability ratings for ecommerce, booking platforms, stock exchanges, review and comparison platforms and buyers
- 1 clear verified sustainability (ESG) rating based on >500 ecolabels and certificates
- For product and organization ratings

Reliable measuring system

The essence of the GSES platform is an online measurement system for sustainability. If you participate, you can rank existing and potential suppliers on KPIs. Products and projects can be measured based on circularity, environmental health effects. And continue to monitor that performance over time to purchase and contract out sustainably structurally.

Corporate governance

Measure, monitor, and certify your sustainability performance. You can immediately see whether there are areas for improvement. And the good thing is: a good score is an effective marketing tool for customers, employees, residents, investors, and other stakeholders.

Objectively tested

All measurements on both platforms are based on international norms and standards. With generally recognized certifications and quality marks. Guaranteed up-to-date and entirely correct. Consequence assessed and validated by external auditors. In 77 countries.

Structured information

You get all information about potential suppliers in one place, your procurement dashboard. You can break down complex supply chains according to location, sustainability, health, safety, quality, products, and projects. And countless other options allow you to make better data-driven business decisions with your head and with your heart.

Participate in the GSES System

Are you interested in the Global Sustainable Enterprise System? Then contact us via www.gses-system.com.

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Participate in the GSES System

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