

# SBE nv

## Report Measure List CO2 Performance Ladder 2023

### Global measurement

CO <sub>2</sub> emissions, scope 1 and 2		425.37 tons
Revenue	22 344 296.75 million euros	0 tons/million euros
Staff members	170.8 FTE	2.49 tons/FTE
Sectors	Engineering sector	

### Overview of measures

#### Advice

Dialogue with commissioning body regarding CO2		
Global measure		
Categorie A	CO2 reduction is a fixed agenda item in periodic consultations with all major clients.	Planned for 12/2024 Ditto SPIRIT: the aim of SPIRIT is to engage in a conversation with clients on more sustainable design solutions including CO2 reduction.
Categorie B	CO2 reduction is a fixed agenda item in periodic consultations with all clients.	Planned for 12/2025 Ditto SPIRIT: the aim of SPIRIT is to engage in a conversation with clients on more sustainable design solutions including CO2 reduction

Focus on CO2 reduction in projects NOT won through award advantage		
Global measure		
Categorie A	There is a demonstrable focus on CO2 reduction for at least 10% of the turnover from design commissions.	Planned for 12/2023 SPIRIT - SDG Championship. SPIRIT assigns a sustainability score to project designs according to 9 parameters: project work, materials, energy, water & soil, ecosystems, spatial quality, social relevance, accessibility, safety. This also includes CO2 reduction (e.g. limited co2 in the energy section, requirements regarding the co2 performance ladder in the specifications, etc.). In 2023 we will finalise the score and make it ready to use, give trainings, complete the manual.
Categorie B	There is a demonstrable focus on CO2 reduction for at least 50% of the turnover from design commissions.	Planned for 12/2024 SPIRIT - SDG Championship. SPIRIT assigns a sustainability score to project designs according to 9 parameters: project work, materials, energy, water & soil, ecosystems, spatial quality, social relevance, accessibility, safety. This also includes CO2 reduction (e.g. limited co2 in the energy section, requirements regarding the co2 performance ladder in the specifications, etc.). In 2023 we will finalise the score and make it ready to use, give trainings, complete the manual.
Categorie C	This measure applies to all tenders organised by an awarding authority that are expected to require the use of concrete.	Not filled in

Knowledge and attitude of staff with regard to CO2 reduction in projects		
Global measure		
Categorie A	Between 5% and 25% of engineers / designers / project leaders have completed a course with a demonstrable focus on the importance and materiality of CO2 reduction and associated design methods.	Planned for 12/2023
Categorie B	Between 25% and 75% of engineers / designers / project leaders have completed a course with a demonstrable focus on the importance and materiality of CO2 reduction and associated design methods	Planned for 12/2024
Categorie C	Over 75% of engineers / designers / project leaders have completed a course with a demonstrable focus on the importance and materiality of CO2 reduction and associated design methods	Planned for 12/2025

<b>Research and innovation in relation to carbon emissions</b>		
Global measure		
Categorie A	Between 2% and 10% of the research and innovation budget is spent on topics that could also cut carbon emissions	Not filled in
Categorie B	Between 10% and 20% of the research and innovation budget is spent on topics that could also cut carbon emissions	Not filled in
Categorie C	Over 20% of the research and innovation budget is spent on topics that could also cut down carbon emissions	Not filled in

Offices

<b>Accredited Measures for energy saving in offices</b>		
Increasing the efficiency of the activity		
Categorie A	All Accredited Measures for energy saving in offices have been implemented, in so far as indicated in that list. Measures are implemented at natural times	Planned for 12/2025 Only the Sint-Niklaas office, because this is SBE's property

<b>Active energy-management offices</b>		
Increasing the efficiency of the activity		
Categorie A	In at least 50% of offices, the organisation engages in active energy management, supported by a building management system.	Not filled in
Categorie B	In at least 50% of offices, the organisation engages in active energy management, supported by a building management system, including providing energy consumption feedback to the building users (e.g. a panel in the lobby).	Planned for 12/2025 Concerning offices that are SBE's property ==> Sint-Niklaas At least 10% to 50% of all offices have an energy logging system with feedback of historical and current energy consumption to building users (e.g. a panel in the lobby)
Categorie C	In at least 90% to 100% of offices, the organisation engages in active energy management, supported by a building management system, including providing energy consumption feedback to the building users (e.g. a panel in the lobby).	Not filled in

<b>Agreements on energy performance in leases</b>		
Increasing the efficiency of the activity		
Categorie A	Improvement of the building's energy performance forms part of the negotiations when lease agreements for office space are concluded or amended.	Planned for 12/2026 There are renting agreements for offices Rotterdam, Namur and Valencia. If new renting agreements are concluded (other location), improving the energy performance of the building will, to the possible extent, be part of the contract negotiation.
Categorie B	All new lease agreements include arrangements regarding improvement of the building's energy performance, such as an agreement regarding any overruns or underruns in relation to the pre-agreed building-related heating and cooling energy.	Not filled in
Categorie C	All new lease agreements stipulate a lease amount that includes energy and quantified savings targets, e.g. in the form of a GreenLease agreement.	Not filled in

<b>Benchmarking and optimising energy consumption</b>		
Increasing the efficiency of the activity		
Categorie A	For at least 75% of offices, data from the main meter is recorded and benchmarked annually against similar premises (via Milieubarometer, e-nolis or similar).	Not filled in
Categorie B	Aside from main meters, at least 75% of offices also use submeters and analysis software to identify opportunities for improvement.	Not filled in
Categorie C	In at least 75% of its offices, the organisation uses software that automatically identifies and implements improvements in the systems.	Not filled in

<b>Gasless offices</b>		
Global measure		
Categorie B	At least 10% of all offices are gasless.	Planned for 12/2026
Categorie C	At least 50% of all offices are gasless.	Not filled in

<b>Heating based on green gas</b>		
Renewable energy		
Categorie B	A minimum of one office is heated using green gas using green gas	Not filled in
Categorie C	Over 50% of the usable area is heated using green gas	Not filled in

<b>Improvement of the energy label of offices</b> Global measure		
Categorie A	Offices have an average energy label of B or C.	Not filled in
Categorie B	Offices have an average energy label of at least A.	Not filled in

<b>Make charge points available for electric vehicles.</b> Electrification		
Categorie A	Minimally 1 charge point per 20 parking spaces	Planned for 12/2023 The first six charging points were installed in April 2022, with at least two more to be added at the SN office in 2023.
Categorie B	Minimally 1 charge point per 10 parking spaces	Planned for 12/2024
Categorie C	Minimally 1 charge point per 10 parking spaces + active role in optimising energy management for office/electrical grid	Not filled in

<b>Optimisation of air conditioning systems</b> Increasing the efficiency of the activity		
Categorie A	The air conditioning systems of all offices taken into use in the past 5 years have been optimised by a professional installation contractor.	Not filled in
Categorie B	The air conditioning systems in at least 75% of all offices are optimised by a professional installation contractor at least once every 5 years.	Not filled in

<b>Public transport location choice</b> Global measure		
Categorie A	At least 10% of the building area is located near public transport (maximally 500 m).	Implemented on 06/2021 Office Sint-Niklaas + Office Rotterdam + Office Valencia
Categorie B	At least 25% of the building area is located near public transport (maximally 500 m).	Implemented on 06/2021 Office Sint-Niklaas + Office Rotterdam + Office Valencia
Categorie C	At least 50% of the building area is located near public transport (maximally 500 m).	Implemented on 06/2021 Office Sint-Niklaas + Office Rotterdam + Office Valencia

<b>Purchase of efficient hardware</b> Increasing the efficiency of the activity		
Categorie A	The company is able to demonstrate that it selected products with the Energy Star label or EPEAT registration when purchasing computers, laptops, screen, power supplies, UPS, servers, copiers and printers.	Implemented on 12/2012 ICT service deliberately chooses energy star label for new purchases and lease contracts. Since 2010: screens Since 2012: other
Categorie B	The company is able to demonstrate that it selected products with the EPEAT Silver or Gold label, when purchasing computers, laptops, screen, power supplies, UPS, servers, copiers and printers.	Not filled in

<b>Purchase of green power and/or power made greener with GOs.</b> Renewable energy		
Categorie A	Over 75% of the electricity consumed is green power or power made greener with national GOs.	Planned for 12/2024
Categorie B	Over 98% of the electricity consumed is green power or power made greener with national GOs.	Not filled in

<b>Renewable electricity generation (in-house)</b> Renewable energy		
Categorie A	Between 5% and 25% of the electricity used is met by renewable electricity generated in-house (through own investment or a lease).	Planned for 02/2023 458 solar panels were installed in Sept 2022, with a capacity of 183 kWp, the solar panels will be able to cover the entire consumption of our offices during the summer months, including 12 charging points of our electric vehicles. Connection in Dec 2022, inspection and commissioning in Jan 2023.
Categorie B	At least 25% of the electricity used is met by renewable electricity generated in-house (through own investment or a lease).	Planned for 06/2023 458 solar panels were installed in Sept 2022, with a capacity of 183 kWp, the solar panels will be able to cover the entire consumption of our offices during the summer months, including 12 charging points of our electric vehicles. Connection in Dec 2022, inspection and commissioning in Jan 2023.
Categorie C	At least 50% of the electricity used is met by renewable electricity generated in-house (through own investment or a lease).	Planned for 06/2023 458 solar panels were installed in Sept 2022, with a capacity of 183 kWp, the solar panels will be able to cover the entire consumption of our offices during the summer months, including 12 charging points of our electric vehicles. Connection in Dec 2022, inspection and commissioning in Jan 2023.

<b>Use of sustainable heat and/or heat and cold storage</b> Renewable energy		
Categorie A	Space heating using sustainable heat accounts for 10% to 50% of the total energy consumed in the organisation's offices for heating and cooling.	Not filled in
Categorie B	Space heating using sustainable heat accounts for 50% to 80% of the total energy consumed in the organisation's offices for heating and cooling.	Not filled in
Categorie C	Space heating using sustainable heat accounts for more than 80% of the total energy consumed in the organisation's offices for heating and cooling.	Not filled in

<b>Creating awareness around energy consumption in the office</b> limit_activity - Own measure		
Company organises an awareness campaign on energy consumption in the office every year		Geïmplementeerd op 11/2019

Organizational policy general

<b>Applying an internal carbon or energy price for energy-related investments</b> global measure		
Categorie C	When making investment decisions, the company uses an internal carbon price that exceeds the ETS price or an energy price above the market price.	Not filled in

<b>Awareness of carbon emissions among staff</b> Global measure		
Categorie A	CO2 reduction is demonstrably addressed in the induction process for 20 to 50% of new consultants and project leaders	Implemented on 12/2020 Since the appointment of the sustainability coordinator, a sustainability introduction is given to all new employees.
Categorie B	CO2 reduction is demonstrably addressed in the induction process for over 50% of new consultants and project leaders	Implemented on 12/2020 Since the appointment of the sustainability coordinator, a sustainability introduction is given to all new employees.
Categorie C	CO2 reduction is demonstrably addressed in the induction process for at least 20% of new consultants and project leaders	Planned for 12/2025

<b>Facilitating renewable energy generation (for third parties)</b> Renewable energy		
Categorie B	Making roofs or grounds available for renewable energy production under the responsibility of a third party	Not filled in

<b>Implementation of energy saving measures</b> global measure		
Categorie A	The company structurally implements all scope 1 and 2 energy saving measures that have a payback time of less than 5 years.	Planned for 12/2025
Categorie B	The company structurally implements all scope 1 and 2 energy saving measures that have a payback time of less than 10 years.	Not filled in
Categorie C	The company structurally implements all scope 1 and 2 energy saving measures that have a payback time of less than 15 years.	Not filled in

<b>In-house production of green hydrogen</b> Renewable energy		
Categorie C	Production of green hydrogen in-house or through participation in pilot projects or joint ventures for own use or sale to third parties.	Not filled in

<b>Net 0 CO2 goal 2050</b> Reduction target 2050		
Categorie C	Organization has a net 0 CO2 by 2050 target and an implementation pathway with actions and measures, for scope 1, 2 and business travel	Planned for 01/2030

<b>Printing with a low CO2 footprint</b> Printing		
Categorie B	When outsourcing printing, the organisation asks about the CO2 footprint of the printing and for possible alternatives with a lower CO2 footprint	Planned for 07/2023

<b>Renewable electricity generation (via PPA)</b> Renewable energy		
Categorie A	At least 25% of electricity used is met by the generation of renewable electricity through a PPA contract.	Not filled in
Categorie B	At least 50% of electricity used is met by the generation of renewable electricity through a PPA contract.	Not filled in
Categorie C	100% of electricity used is met by the generation of renewable electricity through a PPA contract.	Not filled in

<b>Renewable energy generation (for third parties)</b> Renewable energy		
Categorie C	Supply of a quantity of self-generated or produced renewable energy to third parties, thereby avoiding substantial CO2 emissions at these third parties (at least 10% of the footprint (scope 1 and 2) of the certified organization).	Not filled in

<b>Supply of materials or gases to third parties</b> Useful applications of CO2		
Categorie C	Supply of materials or gases to third parties, enabling these third parties to avoid carbon emissions	Not filled in

<b>Usage simultaneity based on electricity supply and demand.</b> Renewable energy		
Categorie C	Organisation has a (pilot) project to align supply and demand of sustainably generated electricity.	Not filled in

<b>Use of carbon certificates in subcontractor and/or supplier selection</b> Global measure		
Categorie A	The selection process for subcontractors and/or suppliers takes account of the fact whether subcontractors and/or suppliers possess a carbon certificate.	Planned for 12/2025
Categorie B	The company requires its key subcontractors and/or suppliers (e.g. its top suppliers) to have carbon certification.	Planned for 12/2026

<b>Stimulate volunteering opportunities for nature</b> integral_measure - Own measure		
every employee can do 4h of volunteering during working hours		Geïmplementeerd op 11/2020 Since 2020, SBE has organised the charity check in November. Employees are given the opportunity to volunteer 4h for charity (nature) during this month.

People mobility

<b>Check correct tyre pressure of cars made available by the organizations</b> Increasing the efficiency of the activity		
Categorie A	Annual tyre pressure check for over 50% of the cars made available by the organizations	Implemented on 05/2020 Summer and winter tyres of commercial vehicles should be changed at the tyre centre. Tyre pressure of all vehicles are checked at least twice a year
Categorie B	Three-monthly tyre pressure check for over 50% of the cars made available by the organizations	Not filled in
Categorie C	Three-monthly tyre pressure check for over 90% of the cars made available by the organizations or organise a three-monthly 'correct tyre pressure' event at all locations.	Not filled in

<b>Encourage car pools and the use of car sharing.</b> Increasing the efficiency of the activity		
Categorie A	The company actively encourages employees to carshare and is able to demonstrate this.	Planned for 09/2023 More miles more smiles action
Categorie B	The company provides shared cars for communal travel to the office or project locations.	Not filled in
Categorie C	All shared cars run on renewable fuel or natural gas or are zero-CO2 emission vehicles.	Not filled in

<b>New employees</b> Global measure		
Categorie B	New employees are offered free travel by public transport for their first three months as a matter of course	Implemented on 12/2021 Everyone is offered free public transport use

<b>Parking policy</b> Global measure		
Categorie B	The organisation only offers parking spaces, free or otherwise, to staff who: - need to travel more than 10 km from home to work and cannot travel by public transport - require a car for the performance of their duties	Not filled in
Categorie C	The organisation only offers parking spaces, free or otherwise, to staff who: - require a car for the performance of their duties	Implemented on 12/2021 Company cars only for those whose job requires a company car (site visits)

<b>Personal mobility competition</b> Global measure		
Categorie B	At least once a year, the company organises an awareness campaign about to foster energy-efficient driving.	Implemented on 09/2017 Car Free Workday - annual action on the last day of Mobility Week Tour de France action (6 months) was planned for 2020 but postponed to 2023 because of corona

<b>Promoting efficient driving: 'Het Nieuwe Rijden'</b> Increasing the efficiency of the activity		
Categorie A	Provision of fuel-efficient driving toolbox to all drivers	Not filled in
Categorie B	Each van driver has completed an online or practical course on eco driving (Het Nieuwe Rijden)	Not filled in
Categorie C	At least 90% of drivers (of both cars and vans) have completed an online or practical course on eco driving and receive refresher training every 5 years.	Not filled in

<b>Promoting efficient driving: Monitoring</b> Increasing the efficiency of the activity		
Categorie A	Monitoring of fuel consumption and providing feedback to drivers every 3 months.	Not filled in
Categorie B	Black box with direct feedback to the driver.	Not filled in
Categorie C	Black box combined with a financial incentive to reward fuel efficient driving.	Not filled in

<b>Promotion of train travel for long distances</b> Global measure		
Categorie A	The organisation requires travel by train for distances less than 500 km, provided that travel by train from door to door takes less than 150% of the time if travelling by plane	Planned for 12/2023 Modification travel policy
Categorie B	The organisation requires travel by train for distances less than 700 km, provided that travel by train from door to door takes less than 150% of the time if travelling by plane	Not filled in

<b>Provision of bicycles, electric bikes or electric scooters</b> Global measure		
Categorie A	Where meaningful, the company makes available bicycles, electric bikes or electric scooters at its project or office locations that can be used to cover short distances	Not filled in
Categorie B	The company operates a scheme that offers all employees reimbursement for the purchase of a bicycle or an electric bike.	Implemented on 03/2019 See Bike Policy: all employees can lease a bicycle through B2Bike. After 36 months, the employee can purchase the bike, which is as much as 30% cheaper than if the employee purchased the bike privately.

<b>Purchase/leasing of commercial vans based on carbon emissions measured in practice</b> Increasing the efficiency of the activity		
Categorie A	The carbon emissions of new commercial vans (purchased or leased) average less than 180 g/km over the course of a year (according to data measured in practice)	Not filled in
Categorie B	The carbon emissions of new commercial vans (purchased or leased) average less than 160 g/km over the course of a year (according to data measured in practice)	Not filled in
Categorie C	The carbon emissions of new commercial vans (purchased or leased) average less than 120 g/km over the course of a year (according to data measured in practice)	Not filled in

<b>Purchase/leasing of passenger vehicles based on carbon emissions measured in practice</b> Increasing the efficiency of the activity		
Categorie A	The carbon emissions of new passenger vehicles (purchased or leased) average less than 120 g/km over the course of a year (according to data measured in practice)	Implemented on 04/2022
Categorie B	The carbon emissions of new passenger vehicles (purchased or leased) average less than 100 g/km over the course of a year (according to data measured in practice)	Implemented on 04/2022
Categorie C	The carbon emissions of new passenger vehicles (purchased or leased) average less than 80 g/km over the course of a year (according to data measured in practice)	Implemented on 04/2022

<b>Reduce personal mobility by working from home and teleconferencing</b> Restricting activity		
Categorie A	The average amount of travel (commuting, business trips) per employee with an administrative job is demonstrably reduced by 10% compared to before the coronavirus outbreak (2019)	Implemented on 09/2021 Structural home working policy
Categorie B	The average amount of travel (commuting, business trips) per employee with an administrative job is demonstrably reduced by 20% compared to before the coronavirus outbreak (2019)	Implemented on 09/2021 Structural home working policy
Categorie C	The average amount of travel (commuting, business trips) per employee with an administrative job is demonstrably reduced by 40% compared to before the coronavirus outbreak (2019)	Implemented on 09/2021 Structural home working policy

<b>Reducing car usage</b> Restricting activity		
Categorie A	Provision of a mobility map to staff driving a lease car, with the aim of cutting down on the number of kilometres travelled by car.	Implemented on 01/2021 In the Rotterdam office, all employees have an NS business card, including those with a company car. All employees in SBE's other offices are entitled to a train/bus pass in addition to a company car, if they wish.
Categorie B	Introduction of an individual mobility budget for all staff driving a lease car, with the aim of reducing the number of lease cars and/or cutting down on the number of kilometres travelled by car.	Not filled in
Categorie C	Introduction of an individual mobility budget for all staff with the aim of reducing the number of lease cars and/or cutting down on the number of kilometres travelled by car.	Not filled in

<b>Speed limiters in vans</b> Increasing the efficiency of the activity		
Categorie B	The company implements speed limiters for all new vans, including where use of a limiter is not already obligatory.	Not filled in
Categorie C	The company implements speed limiters for all new and current vans, including where use of a limiter is not already obligatory.	Not filled in

<b>Use of energy saving tyres</b> Increasing the efficiency of the activity		
Categorie B	All new tyres purchased are tyres that are classified as label A in the fuel consumption category of the European tyre label.	Not filled in
Categorie C	All tyres used within the company are classified as label A in the fuel consumption category of the European tyre label.	Not filled in Checked with the fleet manager / Leaseplan

<b>Use of renewable fuel to replace fossil fuel</b> Renewable energy		
Categorie A	It can be shown that between 10% and 20% of the fuel used is renewable fuel	Not filled in
Categorie B	It can be shown that over 20% of the fuel used is renewable fuel	Not filled in
Categorie C	It can be shown that over 50% of the fuel used is renewable fuel	Not filled in

<b>Zero emission vehicles</b> Electrification		
Categorie A	10% of the fleet (passenger and commercial vehicles, owned or leased) consists of zero emission vehicles.	Planned for 12/2023
Categorie B	15% of the fleet (passenger and commercial vehicles, owned or leased) consists of zero emission vehicles.	Planned for 12/2024
Categorie C	15% of the fleet (passenger and commercial vehicles, owned or leased) consists of zero emission vehicles. Upon expiry of the lease contract or a with a new purchase, a zero CO2 emission vehicle is always ordered	Planned for 12/2024

#### Not selected activities

The following activities have not been selected: Subcontractors and suppliers, Material use, Hydraulic engineering ships, Equipment, Logistics & transport, Construction site, Material use / Scope 3, Waste, Business halls and areas, ICT services, Procurement, Business processes, Use of materials that absorb CO2, (INACTIVE) Avoided emissions from third parties, Green maintenance.