











Sustainability documentation DDM

### **Preface**

DDM is a dynamic company operating internationally in the fields of dismantling, relocation, demolition, and asbestos removal. DDM is active in the sale, trade, and reuse of industrial installations, as well as the recycling of other materials. Founded in 1990, DDM has grown to become one of the market leaders in its industry.

Corporate Social Responsibility (CSR) is an integral part of DDM's operations. Through initiatives such as a monthly newsletter, employees are actively engaged in sustainable initiatives, which is particularly important in the sector in which DDM operates.

DDM aims to systematically reduce the  $CO_2$  emissions of its subsidiaries between 2021 and 2026 compared to 2021 levels. To achieve this, investments have been made in cleaner machinery, solar panels were installed in 2018, and an energy-neutral office building was completed in 2024. The implementation of the  $CO_2$  Performance Ladder supports this ambition and contributes to lower energy costs, material savings, and innovation advantages.  $CO_2$  emissions are mapped annually in accordance with the ISO 14064-1 standard.

Furthermore, DDM is increasingly focusing on circularity. DDM strives to recover as many materials as possible for product reuse. Remaining waste streams are separated on-site and handed over to certified and recognized waste processing companies. Most of these partners process the waste materials into new raw materials—meaning that a large portion of the materials is recycled and reintroduced into the economic cycle.



## **Sustainability**



### Objectives DDM Demontage

Objective 1: Reduce the CO2 emissions from gas consumption at the main location by 100%, including investments in a battery (scope 1).

Objective 2: Reduce the CO2 emissions from fuel consumption of the fleet by 10% (scope 1).

Objective 3: Reduce the CO2 emissions from fuel consumption of the machines by 10% through, among other things, the use of HVO100 on projects (scope 1).

Objective 4: Increase the number of electric/hybrid cars to 50% (scope 2).

Objective 5: Reduce the CO2 emissions from electricity consumption at the main location in De Meern by 100% (scope 2).

### Objectives DDM Deutschland GmbH

Objective 1: Reduce the CO2 emissions from fuel consumption of the fleet by 10% (scope 1).

Objective 2: Reduce the CO2 emissions from fuel consumption of the machines by 10% through, among other things, the use of HVO100 on projects (scope 1).

### Objectives DDM Belgium NV

Objective 1: Reduce the CO2 emissions from gas consumption at the office building in Kontich by 10% (scope 1).

Objective 2: Reduce the CO2 emissions from fuel consumption of the fleet by 10% (scope 1).

Objective 3: Reduce the CO2 emissions from fuel consumption of the machines by 10% through, among other things, the use of HVO100 on projects (scope 1).

Objective 4: Reduce the CO2 emissions from electricity consumption at the main location in Kontich by 100% (scope 2).

## Waste Management – Circularity

#### **Waste Management and Resource Conservation**

Within our projects, various types of waste streams are generated, consisting of materials such as concrete, metals, wood, plastics, hazardous substances (such as asbestos), and other construction waste materials. DDM places great importance on responsible and environmentally friendly waste management.

Already in the planning phase of a project, an analysis is conducted to determine which types of waste are likely to arise and how they can be properly separated and disposed of. During project execution, waste separation takes place directly at the construction site. Specific collection containers or designated zones are used, tailored to the different types of materials, to ensure effective separation.

The separated waste streams are then handed over to certified and accredited waste processing companies that possess the necessary permits and certifications. Most of these partners further process the waste materials into new raw materials—meaning that a large portion of the materials is recycled and reintroduced into the economic cycle.

Special attention is given to the safe handling of hazardous waste, such as materials containing asbestos or contaminated construction materials. These are packaged and transported separately in compliance with current environmental regulations and occupational safety standards.

Through this structured and documented approach, DDM not only ensures compliance with legal requirements but also actively promotes the circular economy and minimizes environmental impact.



## Waste Management – Circularity





DDM's service offering also includes the dismantling of existing buildings. For specific projects, a conscious decision was made to engage an external specialist company to expertly recover materials—particularly bricks—through careful deconstruction.

The reclaimed bricks are transferred to specialized companies that repurpose these materials for use in new construction projects. This approach extends the lifecycle of high-quality building materials, thereby not only reducing waste but also decreasing the demand for primary raw materials.

This method is a clear example of DDM's commitment to viewing waste streams as valuable resources and giving them a new purpose within the framework of a well-functioning circular economy. The targeted reuse of materials is an integral part of DDM's sustainability strategy, highlighting its dedication to combining ecological responsibility with economic efficiency.



## Sustainable innovations in projects

#### The use of electric equipment

Where possible, we aim to use electric machines on projects. Electric machines have lower CO2 emissions compared to diesel-powered equipment.

Electric machines are generally quieter, resulting in less noise pollution for the surrounding environment.



#### The use of solar panels

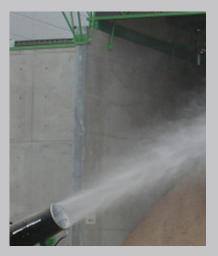
Recently, solar panels were installed on a project to generate energy. This sustainable solution provided part of the demolition site with clean, renewable energy, significantly reducing our reliance on the traditional electricity grid. This makes a substantial contribution to reducing CO2 emissions.



#### Sustainable water management

An innovative water management system from DDM involves connecting IBC tanks to rainpipes. These tanks capture the water, and the collected rainwater is then used for various applications on the demolition site, such as dust suppression. This system helps us work more sustainably by conserving valuable natural resources.

















Emissions data 2024

## Emissions data 2024 DDM Demontage B.V.

#### Scope 1: CO2 emissions in KG

Building gas consumption: 13.139 (6.157 m3 gas)

Fleet fuel consumption: 410.354 (134.075 litres of fuel) Equipment fuel consumption: 199.864 (4.210 operating hours)

Truck fuel consumption: 45.219
Rental equipment fuel consumption: 217.568

Gas consumption on projects: 17.302 (10.030 litres of propane)

**Total scope 1:** 903.445

#### Scope 2 & business travel: CO2 emissions in KG

Air travel:

Equipment electricity consumption: 446

Fleet electricity consumption: 16.091 (30.020 kWh)
Building electricity consumption: 64.585 (130.980 kWh)

Total scope 2 & Business travel: 81.122

Total CO2- emissions in KG: 984.567



## Emissions data 2024 DDM Deutschland GmbH.

#### Scope 1: CO2 emissions in KG

Building gas consumption: 28.721 (13.458 m3 gas)

Fleet fuel consumption: 182.526 (59.504 litres of fuel)
Equipment fuel consumption: 753.343 (17.241 operating hours)

Truck fuel consumption: 37.626
Rental equipment fuel consumption: 1.305.407

Gas consumption on projects: 107.116 (62.096 litres of propane)

**Total scope 1:** 2.414.739

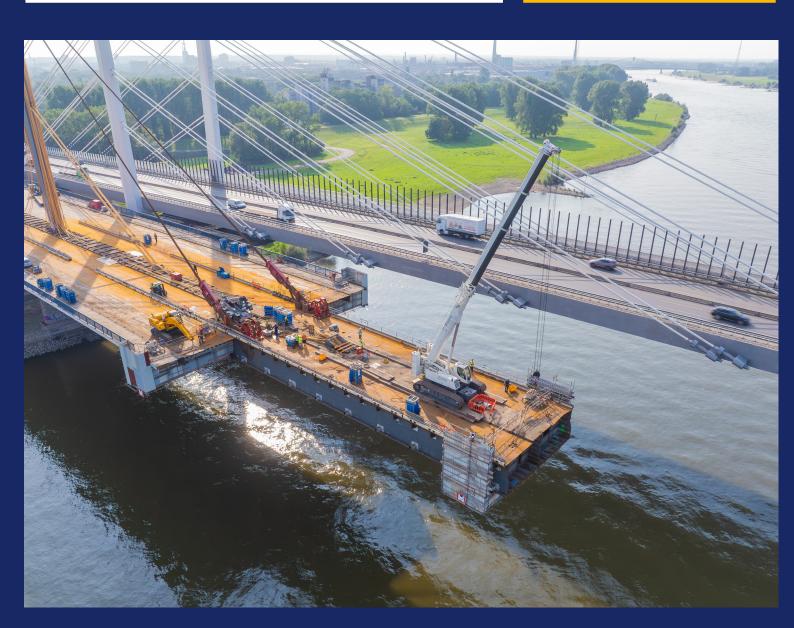
#### Scope 2 & business travel: CO2 emissions in KG

Equipment electricity consumption: 334

Building electricity consumption: 12.845 (23.965 kWh)
Air travel: 7.029 (31.009 km)

Total scope 2 & Business travel: 20.208

Total CO2- emissions in KG: 2.434.946



## Emissions data 2024 DDM Belgium NV.

#### Scope 1: CO2 emissions in KG

Building gas consumption: 2.690 (1.260 m3 gas)

Fleet fuel consumption: 54.069 (18.086 litres of fuel) Equipment fuel consumption: 78.242 (1.521 operating hours)

Truck fuel consumption: 21.453 Rental equipment fuel consumption: 15.541

Gas consumption on projects: 9.222 (5.346 litres of propane)

**Total scope 1:** 181.216

#### Scope 2 & business travel: CO2 emissions in KG

Equipment electricity consumption: 910 Building electricity consumption: 0

Air travel: 962 (5.028 km)

Total scope 2 & Business travel: 1.872

Total CO2- emissions in KG: 183.088



## Emissions data 2024 DDM international & DDM Gulf

DDM international

Scope 1: CO2 emissions in KG

Equipment fuel consumption: 108.507
Rental equipment fuel consumption: 15.541 **Total scope 1:** 124.047 **Total scope 2 & Business travel emissions in KG:** 

Air travel: 149.936 (942.980 km)

Total CO2emissions in KG: 273.983

**DDM Gulf** 

Scope 1: CO2 emissions in KG

Rental equipment fuel consumption: 146.520 **Total scope 2 & Business travel emissions in KG:** 

Air travel: 13.374 (81.310 km)

Total CO2emissions in KG: 159.894



# Emissions data 2024 DDM (all holdings)

**DDM** 

Scope 1: CO2 emissions in KG 3.769.967
Total scope 2 & Business travel emissions in KG: 266.511

Total CO2emissions in KG: 4.036.479

















Emissions data 2023

# Emissions data 2023 DDM Demontage B.V.

#### Scope 1: CO2 emissions in KG

Building gas consumption: 28.243 (13.585 m3 gas)

Fleet fuel consumption: 354.622 (115.324 litres of fuel) Equipment fuel consumption: 129.179 (2.459 operating hours)

Truck fuel consumption: 46.492 Rental equipment fuel consumption: 44.699

Gas consumption on projects: 7.771 (4.505 litres of propane)

**Total scope 1:** 611.007

#### Scope 2 & business travel: CO2 emissions in KG

Air travel: 217 (926 km)

Equipment electricity consumption: 392

Fleet electricity consumption: 7.392 (16.210 kWh)

Building electricity consumption: 32.727 **Total scope 2 & Business travel:** 40.728

Total CO2- emissions in KG: 651.735



## Emissions data 2023 DDM Deutschland GmbH.

#### Scope 1: CO2 emissions in KG

Building gas consumption: 27.980 (13.458 m3 gas)

Fleet fuel consumption: 153.056 (49.999 litres of fuel)
Equipment fuel consumption: 714.367 (16.419 operating hours)

Truck fuel consumption: 41.030 Rental equipment fuel consumption: 281.950

Gas consumption on projects: 30.910 (17.919 litres of propane)

**Total scope 1:** 1.249.293

#### Scope 2 & business travel: CO2 emissions in KG

Equipment electricity consumption: 415

Building electricity consumption: 17.690 (38.792 kWh)
Air travel: 2.965 (12.670 km)

Total scope 2 & Business travel: 21.070

Total CO2- emissions in KG: 1.270.363



# Emissions data 2023 DDM Belgium NV.

#### Scope 1: CO2 emissions in KG

Building gas consumption: 4.870 (2.342 m3 gas)

Fleet fuel consumption: 50.311 (16.497 litres of fuel) Equipment fuel consumption: 91.979 (1.744 operating hours)

Truck fuel consumption: 22.006 Rental equipment fuel consumption: 13.754

Gas consumption on projects: 12.241 (7.096 litres of propane)

**Total scope 1:** 195.161

#### Scope 2 & business travel: CO2 emissions in KG

Equipment electricity consumption: 4
Building electricity consumption: (

Air travel: 11.004 (63.976 km)

Total scope 2 & Business travel: 11.008

Total CO2- emissions in KG: 206.169



## Emissions data 2023 DDM international & DDM Gulf

#### DDM international

Scope 1: CO2 emissions in KG

Equipment fuel consumption: 95.760 (1.299 operating hours)

Rental equipment fuel consumption: 5.639

Gas consumption on projects: 5.780 (3.208 litres of gas)

Total scope 1: 107.179
Total scope 2 & Business travel emissions in KG:

Air travel: 162.616 (1.026.066 km)

Total CO2emissions in KG: 269.795

#### **DDM Gulf**

Scope 1: CO2 emissions in KG

Rental equipment fuel consumption: 48.840 **Total scope 2 & Business travel emissions in KG:** 

Air travel: 34.727 (215.713 km)

Total CO2emissions in KG: 83.567



# Emissions data 2023 DDM (all holdings)

**DDM** 

**Scope 1: CO2 emissions in KG**2.211.479 **Total scope 2 & Business travel emissions in KG:** 270.149

Total CO2emissions in KG: 2.481.628

















Emissions data 2022

## Emissions data 2022 DDM Demontage B.V.

#### Scope 1: CO2 emissions in KG

Building gas consumption: 35.137 (16.852 m3 gas)

Fleet fuel consumption: 426.176 (138.770 litres of fuel) Equipment fuel consumption: 292.957 (5.847 operating hours)

Truck fuel consumption: 49.195 Rental equipment fuel consumption: 72.125

Gas consumption on projects: 22.418 (12.996 litres of propane)

**Total scope 1:** 898.008

#### Scope 2: CO2 emissions in KG

Air travel: 74.983 (461.836 km)
Equipment electricity consumption: 778 (1.487 kWh)
Fleet electricity consumption: 8.402 (16.065 kWh)
Building electricity consumption: 36.029 (68.890 kWh)

Total scope 2 & Business travel: 126.624

Total CO2emissions in KG: 1.024.632



## Emissions data 2022 DDM Deutschland GmbH.

#### Scope 1: CO2 emissions in KG

Building gas consumption: 28.060 (13.459 m3 gas)

Fleet fuel consumption: 177.353 (57.053 litres of fuel)

Equipment fuel consumption: 1.081.578 (20.057 operating hours)

Truck fuel consumption: 47.556 Rental equipment fuel consumption: 261.022

Gas consumption on projects: 43.880 (25.438 litres of propane)

**Total scope 1:** 1.639.450

#### Scope 2: CO2 emissions in KG

Equipment electricity consumption: 1.239 (2.369 kWh)
Building electricity consumption: 19.571 (37.420 kWh)

Total scope 2 & Business travel: 20.809

Total CO2emissions in KG: 1.660.259



# Emissions data 2022 DDM Belgium NV.

#### Scope 1: CO2 emissions in KG

Building gas consumption: 5.976 (2.866 m3 gas)

Fleet fuel consumption: 51.048 (16.555 litres of fuel) Equipment fuel consumption: 19.143 (450 operating hours)

Truck fuel consumption: 20.596 Rental equipment fuel consumption: 10.304

Gas consumption on projects: 12.558 (7.280 litres of propane)

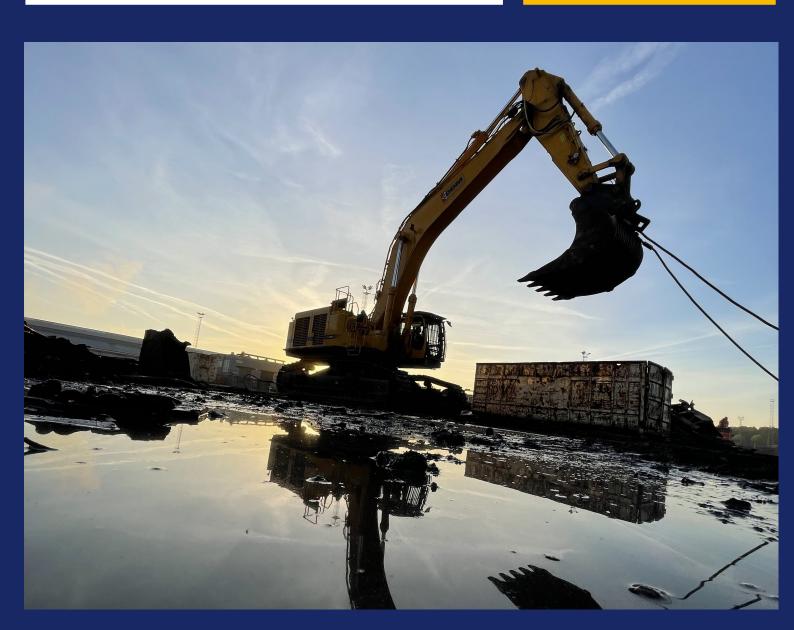
**Total scope 1:** 119.625

#### Scope 2: CO2 emissions in KG

Equipment electricity consumption: 891 (1.703 kWh)
Building electricity consumption: 3.447 (6.589 kWh)

Total scope 2 & Business travel: 4.337

Total CO2emissions in KG: 123.962



## Emissions data 2022 DDM (all holdings)

DDM - CO2 emissions in KG Scope 1: Scope 2 & Business travel

2.657.083 151.770

Total CO2emissions in KG: 2.808.853





# Emissions data 2021 DDM Demontage B.V.



#### Scope 1: CO2 emissions in KG

Building gas consumption: 35.937 (19.074m3 gas)

Fleet fuel consumption: 444.221 (143.176 litres of fuel) Equipment fuel consumption: 424.427 (9.158 operating hours)

Truck fuel consumption: 78.005 Rental equipment fuel consumption: 22.911

Gas consumption on projects: 23.180 (13.438 litres of propane)

**Total scope 1:** 1.028.680

#### Scope 2: CO2 emissions in KG

Equipment electricity consumption: 747 (1.343 kWh)
Fleet electricity consumption: 2.303 (4.141 kWh)
Building electricity consumption: 35.408 (63.682 kWh)

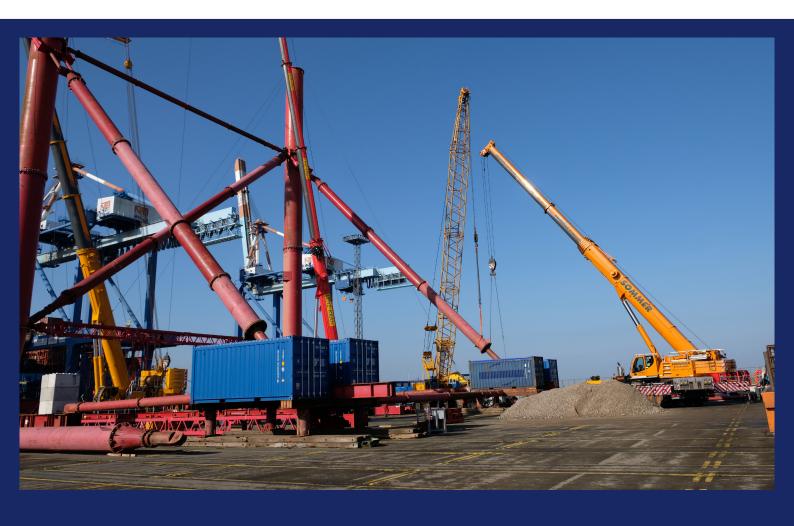
**Business travel** 

Air travel: 6.644 (35.566 km)

Total scope 2 & Business travel: 45.102

Total CO2emissions in KG: 1.073.782

## **Emissions data 2021** DDM Deutschland GmbH.



Scope 1: CO2 emissions in KG

Building gas consumption: 25.356 (13.459 m3 gas) Fleet fuel consumption: 189.227 (60.874 litres of fuel) Equipment fuel consumption: 736.646 (15.197 operating hours)

Truck fuel consumption: 47.315 Rental equipment fuel consumption: 34.969

Gas consumption on projects: 43.608 (25.280 litres of propane)

Total scope 1: 1.077.121

#### Scope 2: CO2 emissions in KG

Equipment electricity consumption: 695 (1.250 kWh) Building electricity consumption: 15.743 (28.293 kWh)

Total scope 2 & Business travel: 16.438 **Total CO2**emissions in KG: 1.093.558

# Emissions data 2021 DDM Belgium NV.



#### Scope 1: CO2 emissions in KG

Building gas consumption: 6.999 (3.715 m3)

Fleet fuel consumption: 45.116 (14.180 litres of fuel) Equipment fuel consumption: 79.458 (1.580 operating hours)

Truck fuel consumption: 25.355
Rental equipment fuel consumption: 2.412

Gas consumption on projects: 12.013 (6.964 litres of propane)

**Total scope 1:** 171.353

#### Scope 2: CO2 emissions in KG

Equipment electricity consumption: 1.713 (3.081 kWh) Building electricity consumption: 3.702 (6.658 kWh)

**Total scope 2 & Business travel:** 5.415

Total CO2emissions in KG: 176.768

# Emissions data 2021 DDM (all holdings)

DDM - CO2 emissions in KG

Scope 1: Total scope 2 & Business travel:

2.277.154 66.955

Total CO2emissions in KG: 2.344.108





### CO2 sector initiative

#### Participating in Initiatives

DDM Demontage Holding B.V. considers it important to be a member of initiatives in the field of sustainability. DDM has not set a budget for participation in sustainability initiatives. If a sustainability initiative aligns with DDM's goals, it will be discussed with management, and if management also finds it appropriate, the company will participate in the initiative.

#### **VERAS SECTOR INITIATIVE**

DDM Demontage Holding B.V. is participating in the CO2 sector initiative organized by VERAS. As the organizer, VERAS is also the initiator of the initiative. The goal of the initiative is for members to individually reduce emissions and save costs through a more efficient business operation as a result of this collective approach.

#### **OBJECTIVE OF THE INITIATIVE**

The objective of the initiative is to reduce emissions and save costs. Additionally, it is valuable to engage in discussions with industry peers to share knowledge and expertise, such as offering tips on reducing emissions in daily operations. To achieve this, meetings are held at each of the participating organizations. This allows the various members to gain a clear understanding of what each organization does and the measures they are taking to reduce their CO2 emissions.















**Energy Management Plan DDM** 

### **Explanation of the Energy Management Plan**

The HSEQ department is responsible for the energy management plan. Each calendar year, the CO2 footprint of DDM Demontage Holding B.V. must be calculated. This is crucial for identifying trends and acting upon them. The PDCA cycle plays an important role in the energy management plan, just as it does in DDM's general management system.

The energy management plan is broadly structured as follows:

- **Plan**: In the planning phase of the energy management plan, the context of the organization is analyzed. The energy policy is further developed, ensuring a proper division of tasks, as outlined in the matrix below. The matrix was created by the designated person responsible for the CO2 reduction policy in collaboration with members of the QHSE department and the management team. The management has delegated responsibilities for the EnMS to the QHSE department but retains ultimate responsibility for the plan at all times.
- **Do**: In the "Do" phase, the approach to reducing CO2 emissions is defined. Additionally, measures are formulated, and the communication strategy is described. This is translated into an action plan, which is stored in DDM's internal documentation.
- **Check**: In the "Check" phase, energy performance and the overall energy management system are monitored and analyzed. Progress toward objectives must be reviewed semi-annually. If it becomes evident that objectives will not be met within the set timeframe, the action plan to achieve the objectives must be adjusted. The HSEQ department is responsible for monitoring (and, if necessary, adjusting) the objectives, while ultimate accountability lies with the management. Subsequently, audits of the system are conducted, and management reviews are performed.
- **Act**: Based on the findings in the "Check" phase, measures are implemented to address deviations and continuously improve energy performance and the energy management system. Wherever possible, measures should always be taken to control and correct deviations. The actions taken must be documented alongside the identified deviation. If necessary, adjustments are made to the EnMS.

The energy management plan adheres to the sequence of the PDCA cycle. Furthermore, the plan is written in accordance with the ISO 50001 standard, "Energy Management Systems – Requirements with Guidance for Use." The management retains overall responsibility and authority for the energy management plan and has delegated various tasks to the so-called "Energy Management Team."





# Plan of action objectives DDM Demontage

DDM Demontage B.V. General objective: DDM Demontage B.V. aims to emit 13,44% less CO2 in 2026 compared to 2021		
Objective	Measures	Duration - Plan of action
Scope 1: Reduce the CO2 emissions from gas consumption at the main location by 100%, including investments in a battery  By 2025: 100% reduction.  This objective contributes 20%.	Construction of an energy-neutral office and the acquisition of a battery.      Responsible:     Project Manager for the New Construction	2022: Designs for the new office have been created. 2023: Permits for the new office need to be applied for. 2024: The office is being constructed. 2025: The office has been fully completed.
	2 Encourage staff to minimize the use of heating and dress warmly.  Responsible:	2023/2024: A notice will be posted in the office buildings of DDM.
	<ul> <li>Sustainability Coordinator</li> <li>3 Replace the gas-powered systems with gas-free systems.</li> <li>Responsible:</li> <li>Sustainability Coordinator</li> <li>Workshop Manager</li> <li>CFO (Chief Financial Officer)</li> </ul>	2025: Starting in 2025, the gas systems will be replaced with gas-free systems.
Scope 1: Reduce the CO2 emissions from fuel consumption of the fleet by 10%  Duration 2023: 3,33% reduction 2024: 3,33% reduction 2025: 3,33% reduction This objective contributes 31%.	1 Encourage economical driving: provide a toolbox on fuel-efficient driving to all drivers.  Responsible:  • Sustainability Coordinator	2023: The toolbox will be developed and shared. 2024: The toolbox will be shared with new employees. 2025: The toolbox will be shared with new employees.
	2 The company actively encourages carpooling among employees and can provide evidence of this.  Responsible: • Sustainability Coordinator	2023: The toolbox will be developed and shared. 2024: The toolbox will be shared with new employees. 2025: The toolbox will be shared with new employees.
	3 When purchasing new tires, only tires with an A rating for fuel efficiency according to the European tire label will be acquired.  Responsible: • Sustainability Coordinator	2023/2024: Contact will be made with leasing companies to install tires with an A rating for fuel efficiency on the vehicles.
	4 Provide bicycles for short trips at projects and the office.  Responsible: • Sustainability Coordinator • Workshop Employees	From 2023: Before the start of a project, it should be assessed whether bicycles need to be provided to reduce car usage. If so, bicycles should be brought to the project locations.

# Plan of action objectives DDM Demontage

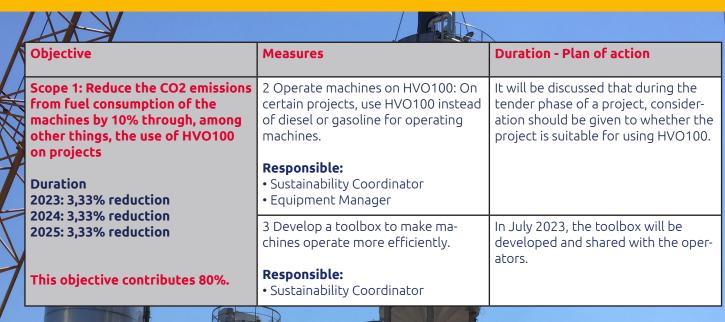
Objective	Measures	Duration - Plan of action
Scope 1: Reduce the CO2 emissions from fuel consumption of the machines by 10% through, among other things, the use of HVO100 on projects  Duration	1 Replace machines with Stage 2 engines with machines equipped with Stage 4 or 5 engines by 2026 compared to 2021.  Responsible: • Sustainability Coordinator	At the beginning of 2023, a plan will be developed to replace machines with Stage 2 engines with machines equipped with Stage 5 engines.
2023: 3,33% reduction 2024: 3,33% reduction 2025: 3,33% reduction  This objective contributes 29%.	Equipment Manager  2 Operate machines on HVO100: On certain projects, use HVO100 instead of diesel or gasoline for operating machines.	It will be discussed that during the tender phase of a project, consideration should be given to whether the project is suitable for using HVO100.
	Responsible: • Sustainability Coordinator • Equipment Manager	
	3 Develop a toolbox to make machines operate more efficiently.  Responsible:	In July 2023, the toolbox will be developed and shared with the operators.
	Sustainability Coordinator	
Scope 2: Increase the number of electric/hybrid cars to 50%  Duration: 2026: Realized	1 Share the benefits of electric and hybrid vehicles with staff through DDM information channels.  Responsible: • Sustainability Coordinator	It will be discussed that more employees should opt for electric or hybrid vehicles.
	2 At least one charging station for every 10 parking spaces.	It will be discussed how many charging stations should be installed at the new office.
	Responsible: • Sustainability Coordinator • Project Manager for New Construction	
Scope 2: Reduce the CO2 emissions from electricity consumption at the main location in De Meern by 100%	1 Purchase 100% green electricity in De Meern.  Responsible:	Starting in 2025, green electricity will be purchased.
Duration By 2025: 100% reduction	Sustainability Coordinator     CFO (Chief Financial Officer)	
This objective contributes 20%.		



# Plan of action objectives DDM Deutschland GmbH

Objective	Measures	Duration - Plan of action
Scope 1: Reduce the CO2 emissions from fuel consumption of the fleet by 10%	Encourage economical driving:     provide a toolbox on fuel-efficient     driving to all drivers.  Responsible:	2023: The toolbox will be developed a shared. 2024: The toolbox will be shared with new employees. 2025: The toolbox will be shared with
Duration	Sustainability Coordinator	new employees.
2023: 3,33% reduction 2024: 3,33% reduction 2025: 3,33% reduction	2 The company actively encourages carpooling among employees and can provide evidence of this.	2023: The toolbox will be developed a shared. 2024: The toolbox will be shared with new employees.
This objective contributes 20%.	Responsible: • Sustainability Coordinator	2025: The toolbox will be shared with new employees.
	3 When purchasing new tires, only tires with an A rating for fuel efficiency according to the European tire label will be acquired.	2023/2024: Contact will be made with leasing companies to install tires with an A rating for fuel efficiency on the vehicles.
	Responsible: • Sustainability Coordinator	
	4 Provide bicycles for short trips at projects and the office.  Responsible: • Sustainability Coordinator	From 2023: Before the start of a proje it should be assessed whether bicycles need to be provided to reduce car usa If so, bicycles should be brought to the project locations.
to and policy the control	Workshop Employees	At the best state of 2002 and a sill be
Scope 1: Reduce the CO2 emissions from fuel consumption of the machines by 10% through, among other things, the use of HVO100 on projects	1 Replace machines with Stage 2 engines with machines equipped with Stage 4 or 5 engines by 2026 compared to 2021.	At the beginning of 2023, a plan will be developed to replace machines with Stage 2 engines with machines equipped with Stage 5 engines.
Duration 2023: 3,33% reduction 2024: 3,33% reduction 2025: 3,33% reduction	Responsible: • Sustainability Coordinator • Equipment Manager	
This objective contributes 80%.		

## Plan of action objectives DDM Deutschland GmbH





# Plan of action objectives DDM Belgium NV

	I HU	
DDM Belgium NV DDM Belgium NV aims to reduce CO2 emissions by 9,54% by 2026 compared to 2021.		
Objective	Measures	Duration - Plan of action
Scope 1: Reduce the CO2 emissions from gas consumption at the office building in Kontich by 10%	1 Encourage staff to minimize the use of heating and dress warmly.	2023/2024/2025: A notice will be posted in the DDM information channels.
Duration 2023: 3.33% reduction 2024: 3.33% reduction 2025: 3.33% reduction	Responsible:	
This objective contributes 4%.	Sustainability Coordinator	
Scope 1: Reduce the CO2 emissions from fuel consumption of the fleet by 10%.	1 Encourage economical driving: provide a toolbox on fuel-efficient driving to all drivers.	2023: The toolbox will be developed and shared. 2024: The toolbox will be shared with new employees. 2025: The toolbox will be shared with new
Duration 2023: 3,33% reduction 2024: 3,33% reduction 2025: 3,33% reduction	Responsible: • Sustainability Coordinator	employees.
This objective contributes 27%.	2 The company actively encourages carpooling among employees and can provide evidence of this.	2023: The toolbox will be developed and shared. 2024: The toolbox will be shared with new employees.
	Responsible: • Sustainability Coordinator	2025: The toolbox will be shared with new employees.
	3 When purchasing new tires, only tires with an A rating for fuel efficiency according to the European tire label will be acquired.	2023/2024: Contact will be made with leasing companies to install tires with an A rating for fuel efficiency on the vehicles.
	Responsible: • Sustainability Coordinator	
	4 Provide bicycles for short trips at projects and the office.	From 2023: Before the start of a project, it should be assessed whether bicycles need to be provided to reduce car usage. If so,
	Responsible: • Sustainability Coordinator • Workshop Staff	bicycles should be brought to the project locations.



# Plan of action objectives DDM Belgium NV

Objective	Measures	Duration - Plan of action
Scope 1: Reduce the CO2 emissions from fuel consumption of the machines by 10% through, among other things, the use of HVO100 on projects	1 Replace machines with Stage 2 engines with machines equipped with Stage 4 or 5 engines by 2026 compared to 2021.	At the beginning of 2023, a plan will be developed to replace machines with Stage 2 engines with machines equipped with Stage 5 engines.
Duration 2023: 3,33% reduction	Responsible: • Sustainability Coordinator • Equipment Responsible	
2024: 3,33% reduction 2025: 3,33% reduction	2 Operate machines on HVO100: On certain projects, use HVO100 instead of diesel or gasoline for operating machines.	It will be discussed that during the tender phase of a project, consideration should be given to whether the project is suitable for using HVO100.
This objective contributes 47%.	Responsible:  • Sustainability Coordinator  • Equipment Responsible	
	3 Develop a toolbox to make machines operate more efficiently.	In July 2023, the toolbox will be developed and shared with the operators.
	Responsible: • Sustainability Coordinator	
Scope 2: RReduce the CO2 emissions from electricity consumption at the Kontich office by 100%.	1 Purchase 100% green electricity at the Kontich location.	Starting in 2023, 100% green electricity will be purchased at the Kontich location.
2023: 100% reduction.	Responsible: • Sustainability Coordinator • CFO (Chief Financial Officer)	
This objective contributes 22%.		

## Project measures

The following paragraph describes the general company-wide objectives that are relevant for projects. Under these objectives, technical and process measures will be outlined that can be applied to projects.

#### 1. Reduce fuel consumption of the vehicle fleet

- Prior to a project, communicate to all involved parties to carpool as much as possible to and from the project sites (process measure). Achieve this by sending out an email and possibly providing a toolbox.
- Before starting a project, assess wether bicycles need to be brought to the project site to reduce car usage.
- Before starting a project, communicate to all involved parties to use the available bicycles at the project site as much as possible instead of driving.

#### 2. Reduce fuel consumption of machines

- Use excavators with Stage 5 engines (ideally) or Stage 4 engines as much as possible (technical measure).
- Determine whether it is possible to operate the machine on HVO100 fuel instead of diesel or gasoline at the project site (technical measure).
- Communicate with operators to minimize idling of the machines.
- Communicate with operators to lay down as many access plates as possible on the site for smooth entry and exit routes within the work area. This way, the machines will consume less fuel (process measure).
- Communicate to operators that, before breaks and at the end of the workday, they should reduce the machine's RPM (beneficial for the turbo engine and cooling), but it does not need to idle (technical measure).

#### 3. Reduce CO2 emissions through construction site provisions

- Turn off lighting when leaving construction site containers
- Use solar energy through solar panels on containers.
- Replace lamps with LED fluorescent tubes.
- Keep the container doors closed
- Collect rainwater to use for filling irrigation systems to control dust.

### **Communication matrix**

The progress of the CO2 reduction policy must be monitored. DDM Demontage Holding B.V. holds various certificates that require specific actions. To ensure that no actions related to the CO2 Performance Ladder are overlooked, a matrix has been created.

Perspective	Frequency	Responsible	Channel
A Insight o Track emissions from machinery o Process invoices for gas cylinders o Monitor fuel consumption o Record emissions from buildings o Inventory air travel o Test staff knowledge of environmental policies o Update the list of energy flows	A Insight o Biannually o Biannually o Biannually o Biannually o Biannually o Annually o Annually o Quarterly	A Insight o HSEQ Department	A Insight o Sumatra/ Excel o Sumatra/ Excel o Sumatra/ Excel o Sumatra/ Excel o Travel agency/ Excel o Word
o Analyze and evaluate data from emissions inventory o Estimate expected energy consumption for the next year o Develop qualitative reduction measures o Develop quantitative reduction measures o Update and evaluate the Energy Management o Action Plan in accordance with ISO 50001 o Achieve the set goals o Measure and analyze progress towards set objectives o Evaluate the analyzed objectives	o Biannually  o Annually  o Annually  o Annually  o Annually  o Biannually  o Ongoing  o Biannually  o Biannually	o HSEQ Department/MT o Entire organization o HSEQ Department	o Internal docs
C Transparency o Develop a communication plan o Implement the communication plan o Monitor progress on communication plan components o Publish on the website o Publish on the SKAO website o Communicate internally about energy policy and reduction measures o Communicate internally about projects where CO2-related permit advantages have been obtained	C Transparency o Once per year o Annually o Ongoing o Biannually o Biannually o Biannually o Biannually or Biannually	C Transparency o HSEQ Department/MT	C Transparency o Word  o Website DDM o SKAO o DDM news letter + management review + website  o DDM news letter + management review + website
D Participation o Inventory sector/supply chain initiatives o Discuss choice of sector/supply chain initiative o Participate in at least one sector/supply chain initiative o Monitor progress of sector/supply chain initiative  Additional activities o Track progress of the CO2 Performance Ladder o Conduct internal audit of CO2 reduction o Explore possibilities for certifying at a higher level	D Participation o Biannually o Biannually o Ongoing o Biannually  Additional activities o Once per quarter o Annually o Annually	D Participation o HSEQ Department o HSEQ Department/MT o HSEQ Department/MT o HSEQ Department/MT  Additional activities o HSEQ Department o HSEQ Department o HSEQ Department	D Participation o HSEQ - meeting  Additional activities o Internal docs o Internal docs o Internal docs