



Subject Type of initiative	Party responsible	Estimated reduction	Budget	Status	Notes	Participants
European Dredging Association	Active participation	EUDA Karel Allaert	n/a	Ongoing	<p>Jan De Nul is an active member of EuDA (European Dredging Association), which represents the dredging sector at the European level. For the dredging sector, EuDA is the platform to contact the European Commission on environmental issues, including CO₂ reduction.</p>	<ul style="list-style-type: none"> • Dredging International N.V. • Jan De Nul N.V. • Baggerwerken Decloedt en Zoon N.V. • Fédération du Dragage Belge A.S.B.L. • Rohde Nielsen s/a • Vereinigung der Nassbaggerunternehmen E.V. • Detlef Hegemann GmbH (Nassbaggerei) • BMAPA - British Marine Aggregate Producers Association • Irish Dredging Company • SIDRA - Societa Italiana Dragaggi SpA • Baggerbedrijf De Boer B.V. / Dutch Dredging B.V. • Royal Boskalis Westminster N.V. • Van den Herik B.V. • Van der Kamp International Dredging B.V. • Van Oord N.V. • Federation of Marine Contractors ('Vereniging van Waterbouwers')
Central Dredging Association	Active participation	CEDA Karel Allaert	n/a	Ongoing	<p>Jan De Nul NV is an active member of CEDA. CEDA is a non-governmental organisation providing, amongst other things, impartial expert advice on relevant policy-making topics on an international and national level.</p> <p>Jan De Nul actively participates in CEDA meetings in both Belgium and the Netherlands, so that the organisation stays at all times abreast of all CO₂ related issues communicated within this organisation.</p> <p>The report "climate change adaptation as it affects the dredging community" of the Central Dredging Association (CEDA) on the adaptation to climate change and its impact on dredging works was published at the end of 2012, partly thanks to the cooperation and contribution of Jan De Nul NV.</p> <p>This climate change report aims to raise awareness and prepare the dredging sector for the consequences of climate change. In this way, one can understand how the dredging sector can contribute by taking appropriate measures.</p> <p>Jan De Nul (Mr. Marcel Van Parys – Head of the Marine Environmental Department and Mr. Karel Allaert – Deputy Manager of the Production Department) actively works together with IADC Dredging on the publication of the book: "Dredging for Sustainable Infrastructure".</p> <p>Jan De Nul (Mr. Michel Deruyck – Fuel Coordinator) also actively participates in the CEDA Work Group Energy Efficiency.</p>	<ul style="list-style-type: none"> • Agence IKLIL com • Agence Nationale des Ports • Alia Instruments B.V. • Antea Group • Aqua Vision • Aquatex Ltd • ARCADIS Nederland B.V. • Artelia Eau & Environnement • Atlantic Dredging Corporation • Atlas Services Group B.V. • Baggerwerken Decloedt & Zoon N.V. • Bakker Sliedrecht Electro Industrie B.V. • Bell Dredging Pumps B.V. • BMT Group • C.C. Jensen Benelux B.V. • Centre for Environment, Fisheries and Aquaculture Science (CEFAS) • CEREMA • Conway Attorneys & Attorneys-at-law • Damen Shipyards Gorinchem • Danish Coastal Authority • DC Industrial N.V. • De Hoop Terneuzen B.V. • Deep B.V. • Delft University of Technology, Faculty 3mE Section Offshore & Dredging Engineering • Delta Coastal Services


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Green Board	Active participation	VBA - ADEB Karel Allaert	Not applicable	Not applicable	Ongoing	<p>Jan De Nul NV is an active member of the Green Board within VBA. The VBA is the Association of Belgian Major Construction Contractors and groups the 60 largest contractors within the Federation of Constructors ('Confederatie Bouw'). VBA's mission is as follows:</p> <ul style="list-style-type: none"> • having as many members as possible that endorse the mission and objectives of the Association; • knowing, analysing, defending and communicating the interests and needs of large construction companies; • acting as an efficient and reliable link between businesses, public authorities and other stakeholders; • developing a network of relationships with relevant Belgian decision-makers that are competent for its sector; • ensuring appropriate social appreciation for major construction companies, as they contribute to prosperity and well-being in Belgium. • Within the Greenboard, a CO₂ Work Group has been set up with the aim of taking stock of and reducing CO₂ emissions on Belgian construction sites. 	<ul style="list-style-type: none"> • CFE • Herbosch-Kiere • Jacques Delens • Visser & Smit Hanab • Kumpen • Galère • CEI – De Meyer • Besix • Socogetra • Betonac • Cordeel • Stabag Belgium • CIT Blaton • Louis Duchêne • Vanhout • Wegebo • Thomas&Piron • Verhelst Aannemingen • Franki Construct • Heijmans Infra • Wykcaert Robert • Interbuild • Algemene Bouw Maes • Louis De Waele • Dredging International • Antwerpse Bouwwerken
Permanent International Commission for Navigation Congresses	Active participation	PIANCs Karel Allaert	Not applicable	Not applicable	Ongoing	<p>Jan De Nul is an active member of PIANC (Permanent International Commission for Navigation Congresses). This is an international organisation in the field of shipping, ports and waterways. PIANC is engaged in the design, construction and maintenance of ports and waterways (including banks and coasts) as well as in dredging and environmental issues, for both sea and inland navigation and recreational shipping. PIANC forms a network of technical experts across the world. The importance of sustainable development is paramount when formulating technical solutions. Jan De Nul actively participates in various workgroups within PIANC, including, for example, WG188 (Carbon Management for Port and Navigation Infrastructures) and WG178 (Adaptation to climate change for water-borne transport infrastructure)</p>	<ul style="list-style-type: none"> • More than 450 corporate members (consultants, contractors, production companies, port authorities...) and more than 2000 private individuals are member of PIANC. • In addition, 9 platinum partners offer very strong support: • Jan De Nul • DEME • Port of Rotterdam • Van Oord Dredging & Marine Contractors • Trelleborg • ShibataFenderTeam • Royal Boskalis Westminster • HIRA • Penta-Ocean Construction
Vlaamse Waterbouwers (Association of Flemish Marine Contractors)	Active participation	Vlaamse Waterbouwers VZW Karel Allaert	Not applicable	Not applicable	Ongoing	<p>Jan De Nul is an active member of Vlaamse Waterbouwers, which unites the main hydraulic engineering contractors in Flanders and Brussels.</p> <p>To the outside world, the association represents and defends the interests of its members on a technical, scientific and commercial level. It also raises awareness about the challenges that the sector faces and could jeopardise the continuity of businesses.</p> <p>To this end, the association regularly consults with the main clients and competent minister(s). In addition, the association organises events to promote hydraulic engineering projects and maintains contacts with the press.</p> <p>Jan de Nul is taking an active pioneering role in encouraging the other companies in the sector to implement promising energy or CO₂ reducing measures (SD).</p>	

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Blauwe Cluster	Active participation	At the end of 2017, Colruyt, DEME, Econopolis, INVE, Jan De Nul, Sioen Industries, Tractebel Engineering, Vanbreda Risk & Benefits, Vyncke and ZERI founded the non-profit association 'Blauwe Cluster' as a partnership focussing on developing and promoting economic activities at sea. Karel Allaert	Not applicable	Not applicable	Ongoing	Blauwe Cluster is an independent and neutral partner that supports Flemish companies in setting up partnerships with other companies, knowledge centres and government agencies in view of developing and promoting economic activities at sea. They facilitate innovation processes throughout the entire chain, from idea generation to (international) marketing. Blauwe Cluster is active in 8 domains: 1. Coastal protection and use of mineral resources 2. Renewable energy and freshwater production 3. Marine links 4. Sustainable marine food and marine biotechnology 5. Blue tourism 6. Ocean pollution and waste solutions 7. Ecosystem approach 8. Smart sea concepts Jan de Nul is currently making a concrete contribution to the following projects: • MFiLand: The aim of this project is to assess the technical & economic feasibility of a multi-use island. Different functions (including energy production and storage; aquaculture; desalination; eco-tourism...) that may offer potential services and added value as well as synergies between the different functions and services will be studied. • Coastbusters: Coastal protection measures are increasingly necessary because coastal areas are subject to climate change (rising sea level, intensification of storms, increasing beach erosion, etc.) and increasing human pressure (demographic evolution, loss of habitats, economic expansion, etc.). This combination threatens the ecosystem and significantly reduces the resilience of the coast	Direct partners of JDN: ILVO, DEME, Jan De Nul, SIOEN Industries, Econopolis Strategy and eCoast
Building with nature	Passive participation	• Boskalis • Van Oord Karel Allaert	Not applicable	Not applicable	Ongoing	Jan De Nul participates passively in the initiative 'Building with nature' in the field of hydraulic engineering: a new way of designing that makes use of nature, through sustainable solutions that at the same time create opportunities for the economy, nature, society and therefore the climate. We are kept informed of the latest developments in 2 ways: 1. Through Ecoshape by actively attending seminars (the most recent one took place on 08.03.2018 in Schoorl: Adapting to climate change in the North Sea Region – via PDCD/MARED department) 2. Through the Federation of Marine Contractors, of which we are an active member through DCR https://www.waterbouwers.nl/dossiers/79-building-with-nature	<ul style="list-style-type: none"> • Witteveen + Bos • Deltares • University of Wageningen • Arcadis • Royal Haskoning • HKV lijn in water • Wetlands international • IHC • Federation of Marine Contractors • Dutch Waterways and Public Works Agency (Rijkswaterstaat – RWS)
Green Deal Duurzaam GWW	Passive participation	Dutch Waterways and Public Works Agency Provinces Municipalities Water Boards Contractors GWW Engineering offices Sector organisations (including Federation of Marine Contractors) Karel Allaert	Not applicable	Not applicable	Ongoing	Jan De Nul participates passively in the initiative 'Green Deal Duurzaam GWW', with which we want to give an extra impulse to making the sector more sustainable. We do this in 2 ways through the Federation of Marine Contractors: 1. Through the sustainability work group (check limited active participation) 2. Through the Core Group 'Market of Marine Contractors' (check limited active participation)	In all, over 60 parties from the sector.
The Shift	Passive participation	The Shift is the national contact point of the World Business Council for Sustainable Development (WBCSD) and UN Global Compact (UNGC). Karel Allaert	Not applicable	Not applicable	Ongoing	In 2019, Jan De Nul joined The Shift, the Belgian reference network for sustainability issues. The Shift brings together more than 410 companies, NGOs and other organisations to stimulate partnerships. With this membership, Jan De Nul proves its commitment to the transition to a better, more sustainable society and economy. We take part in the networking and information sessions on topics and SDGs that are important in terms of our current strategy, including SDG 13 'Climate action'. By doing so, we enrich our knowledge and gather inspiration to take steps around sustainability. In the future, we aim to use this membership to realise partnerships around new, innovative topics for which knowledge sharing is important.	In all > 410 organisations are involved (https://theshift.be/nl/our-members)

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Climate-neutral Ostend	Passive participation	Energiehuis Oostende (Ostend energy agency) Glassroots Karel Allaert	85% by 2050	Not applicable	Ongoing	<p>The objective of the City of Ostend is to realise a CO₂ reduction of 85% by 2050. This 85% reduction:</p> <ul style="list-style-type: none"> - is either supplemented with CO₂ compensation (e.g. planting extra trees) - or with an additional 15% reduction through new technologies to achieve climate neutrality <p>As a starting point, the city of Ostend takes the CO₂ zero measurement of VITO from 2011. In the preparatory process (including the round-table discussion), the focus is on creating maximum support among all stakeholders. The aim is to have a plan that is widely supported from the onset and in which all stakeholders (inhabitants, the city and its services, the industry, the tertiary sector, private and public transport) assume a commitment. In order to supervise this process, Energiehuis Oostende appointed an external partner (Glassroots). Through bilateral discussions and workshops, they brought the various stakeholders around the table to gauge their ambitions and expectations and take stock of already existing or planned initiatives. The result of these dialogues will be translated into a 'climate charter', in which the various stakeholders actively commit themselves to the trajectory towards a climate-neutral Ostend.</p>	<ul style="list-style-type: none"> - Jan De Nul Group (Sofie Vriens / Jef Van Valckenborgh) - Social housing company - KV Oostende - Skeyes (air traffic control) - Daikin - SNCB - De Lijn
Master's theses of Industrial Sciences Faculty – Civil Engineering department	Passive participation	KU Leuven Alain Pieters	Not applicable	Not applicable	Yet to be started	<p>Jan De Nul participates passively in the Master's theses of the Civil Engineering department of the Industrial Sciences Faculty of KU Leuven. These Master's theses relate to the concrete chain and enable Jan De Nul to stay abreast of the latest developments.</p> <ol style="list-style-type: none"> 1. Effect of the quality of recycled aggregates on the durability of concrete 2. How do recycled aggregates influence the variability of the compressive strength of concrete? 3. Optimisation of sand filtration for removing suspended solids from process water 4. Soil mix elements with a supporting function: items requiring attention in terms of design methodology 5. Methods for determining water adsorption of fine recycled granulates 6. Research into the use of recycled granulates originating from a soil treatment plant in sand cement and lean concrete. 	Alain Pieters
Sustainability work group of the Federation of Marine Contractors	Limited active participation	Federation of Marine Contractors Karel Allaert	Not applicable	Not applicable	Ongoing	<p>Jan De Nul NV is a limited active member of the Sustainability Work Group via DCR, which enables us to obtain the necessary information regarding CO₂ reduction initiatives. (https://www.waterbouwers.nl/paginas/90-werkgroep-duurzaamheid)</p> <p>The Sustainability Work Group offers support to hydraulic engineering clients and legislators in the field of sustainability developments. Important topics that the work group is studying include the development of DuboCalc, the CO₂ performance ladder and the application of BPKV.</p>	<ul style="list-style-type: none"> • Boskalis • Bunnik • Verboon Maasland • De Klerk Waterbouw • De Vries & van de Wiel • Hakkers • Heuvelman Ibis • K3 Delta • Kurstjens • LBP Sight • Martens en Van Oord • Smals Dredging • Van den Herik • Van Oord
Core Group Market of the Federation of Marine Contractors	Limited active participation	Federation of Marine Contractors Karel Allaert	Not applicable	Not applicable	Ongoing	<p>Jan De Nul NV is a limited active member of the Core Group Market through DCR. (https://www.waterbouwers.nl/paginas/5-kerngroep-markt-km)</p> <p>Keeping an eye on developments within the hydraulic engineering market is the main task of the Core Group Market.</p> <p>Topics discussed within the Core Group Market include tender procedures, relationship between client and contractor, sustainability and procurement policy.</p> <p>Other work groups that are closely linked to the Core Group Market are the Market, Sustainability and Delta Technology work groups.</p>	<ul style="list-style-type: none"> • Boskalis • Verboon Maasland • De Klerk Waterbouw • De Vries & van de Wiel • Hakkers • Heuvelman Ibis • Martens en Van Oord • Smals Dredging • Van den Herik • Van Oord • Beens

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Dutch Coastline Challenge	Limited active participation	<ul style="list-style-type: none"> Dutch Waterways and Public Works Agency (Rijkswaterstaat – RWS) Van Oord Boskalis <p>Karel Allaert</p>	n/a	n/a	Ongoing	<p>Jan De Nul NV actively participates in the Dutch Coastline Challenge, be it to a limited extent (https://debouwcampus.nl/co-creatie-lab/praktijkopgaven/kustlijnzorg).</p> <p>At the construction campus in Delft, we search together with our partners for future-oriented solutions for tomorrow's coastline management. We have the ambition to:</p> <ul style="list-style-type: none"> make our overall chain more sustainable and innovative, invest in developing and sharing the right (new) knowledge, ensure a 'healthy' business model (socially responsible, sound price/quality ratio). 	<ul style="list-style-type: none"> clients, contractors/advisory market parties, knowledge institutions, other parties (such as start-ups, other markets, NGOs)
The development, testing & validation and implementation of innovations in regular coastal maintenance	Limited active participation	<ul style="list-style-type: none"> Dutch Public Works and Water Management Agency [Rijkswaterstaat] Dutch Coastline Challenge Boskalis <p>Karel Allaert</p>	n/a	n/a	Ongoing	<p>Jan De Nul NV is a limited active partner in the project with case number 311.44.758: the development, testing & validation and implementation of innovations in regular coastal maintenance.</p> <p>This partnership focuses on the development, testing & validation of an innovative product or work or an innovative service that is not yet available on the market. The ultimate goal is to work towards final tenders for regular coastal maintenance by means of negotiations with one or more candidates.</p>	<ul style="list-style-type: none"> Sweco De Vries & van de Wiel IHC Holland Bureau Waardenburg Waterproof Marine Consultancy State University Groningen Van Oord Nederland Seatech Energy Boskalis Arcadis Witteveen + Bos Van Aalsburg
Maintenance dredging works 2020 – 2025	Limited active participation	<ul style="list-style-type: none"> Dutch Waterways and Public Works Agency (Rijkswaterstaat – RWS) Port Authority Rotterdam <p>Karel Allaert</p>	n/a	n/a	Ongoing	<p>Jan De Nul NV actively participates, be it to a limited extent, in the market consultation with case number 311.46.808: maintenance dredging 2020-2025.</p> <p>The market consultation focuses on 3 topics addressing CO₂ reduction: Allocation criterion 'sustainability' based on Environmental Cost Indicator (ECI) ECI in verification and contract management Innovation in maintenance</p>	<ul style="list-style-type: none"> Boskalis Van Oord DEME Dutch Dredging Vander Kamp BV Rohde Nielsen
Fuel monitoring by analysing big data	Own JDN initiative	Michel Deruyck	approx. 1% on approx. 14,000 tonnes of CO ₂ (SC on site 0100 in 2018)	10,000€ (hourly wage + testing by external parties)	Deleted	Low priority due to unsuccessful outcome.	Caterpillar Jan De Nul
Anti-fouling of dredging vessels	Own JDN initiative	Michel Deruyck	approx. 3% on approx. 26,000 tonnes of CO ₂ (TSHD on site 0100 and 0101 in 2018)	10,000€ (hourly wage + testing by external parties) + €30,000 (every year order for analysis of 8 vessels)	Ongoing	<p>The web application is ready but the relevant data require further analysis. Pilot test scheduled for 01/10/18, after that further implementation towards other JDN vessels. The analyses are ongoing, measurement errors must be eliminated first. First results are not promising, will be followed up further. A new type of coating has been applied on the hull of our vessel Cristobal Colon (as a test). We're currently examining the application of this coating on an additional vessel, one working in a region where more fouling on the hull can be expected. On 13/12/19, we had an internal meeting about anti-fouling paint (with a/o Francis & Michel being present). April 2020: The vessels with these coatings are not necessarily included in the monitoring programme of Greensteam. Michel discusses data supply with Delpine and examines together with Greensteam which vessels are sailing with these coatings.</p>	Castrol GreenSteam Jan De Nul

<p>CO₂ reduction through use of low-emission engine (with urea addition) in view of Tier 5 comparison</p>	<p>Own JDN initiative</p>	<p>Michel Deruyck/Francis Verhees/Bart Praet</p>	<p>Air quality must still be budgeted in CO₂eq (hourly wage + testing by external parties)</p>	<p>Completed</p>	<p>Construction of new vessels with Benelux as potential work area has been completed in 2019. Deployment of ships that 'pay attention to improving air quality, less nitrogen, particulate matter and sulphur' has been taken into consideration by the client. The results of the emission measurements at the blue chimney of the first three ULEv ships are better than expected. Test set-up of ULEv engine + filtration system placed at ABC Gent for further analysis</p>	<p>Caterpillar Jan De Nul</p>
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LCA dredger	Own JDN initiative	Michel Deruyck	Will be shown by the study	€6,000 (hourly wage + tests by external parties)	Ongoing		
Electrification on project in Nieuwpoort	Own JDN initiative	Evelien Craeynest	n/a	€1000 (hourly wage)	Deleted	The cost/benefit analysis has shown that this project is not feasible. The urea engine project is an alternative for this. Meanwhile, the conclusion of the cost-benefit analysis has been distributed	
Alternative for split barges	Own JDN initiative	Michel Deruyck	7.5% on 1,600 tonnes CO ₂ (site 0113 in 2018).	n/a	Completed	This project was initiated by the tender department. A study into possible variants is in progress: revamping (pimping) of current barges in combination with the use of renewable fuel as an alternative for newly built vessels. For the time being, no new vessels are being built, the current split hopper barges are replaced by the Magelano and the Verrazano (these have a capacity of 2000m ³ compared to 1800m ³ of previous ones). This is a decision of the JDN management.	
Propellor cap (Schottel)	Own JDN initiative	Francis Verhees/Bart Praet/Michel Deruyck	1% on 17,000 tonnes CO ₂ budget for the study. The costs (SC and site 0113 in 2018) for the propeller caps are not included)	€27,200 (This only covers the study. The costs (SC and site 0113 in 2018) for the propeller caps are not included)	Ongoing	This could be applied to the Sebastiano Caboto, amongst other vessels. The budget for this study is established within the scope of the CO ₂ PL budget (unanimous decision). The order has been placed, the study has been completed. JDN is now negotiating with the company Schottel on the installation on the SC (Q1/Q2 2020, at the time of the first dry dock operations). Were not ordered on time by TD and, as a result, have not been installed during the dry dock operations at the end of 2019. They would have been ordered by now. The propeller caps have been delivered, they will be installed during the following dry dock operations (Christmas period). Will be done systematically for newly built vessels.	
Fuel monitoring through ePos	Own JDN initiative	Michel Deruyck/Karel Allaert	approx. 2.5% on total footprint JDN Group (in tonnes of CO ₂) (estimate for JDN worldwide based on footprint 2018)	n/a	Ongoing	The actual consumption is compared on a weekly and annual basis with the estimates established during the tender phase. A summary report for all vessels is sent every week to the area managers and directors worldwide. In the daily reports of Dredging Works Benelux, an extra column "fuel estimates" will be added, but not in this way. From now on, an extract from EPOS will be added to the monthly report (as from February 2020).	
Innovaties Kustlijn Zorg (IKZ – Innovations in Coastline Maintenance)	Own JDN initiative	Bart Praet/Evelien Craeynest/Karel Allaert	89% on 5.00kg CO ₂ /m ³ x 10mm ³ (estimate annual average RWS NL)	n/a	Ongoing		
By 2022, at least 15% CO ₂ reduction in 80% of maintenance dredging contracts in Flanders		Bart Praet/Francis Verhees/Evelien Craeynest	15% on 80% of all dredging works in Flanders	€5,000/year (hourly wage). Extra fuel costs are paid by the clients of the respective projects.	Ongoing	As from Q2/2019 up to and including 2022 - May 2019: § Consultation with administrator-general and head of department of the Coast Department of the Flemish government concerning a approach and communication - June 2019: § Consultation with VMM has been set up in view of estimating the impact on national CO ₂ emission figures >> support of aMT § Consultation with aMT (head of unit Yi-Bin Shan) on the deployment of the first TSHD on 100% sustainable drop-in fuel in Zeebrugge and follow-up actions aiming at 80% § Introduction of regular agenda item on board of directors' meetings of 'Vlaamse Waterbouwers VZW'; the Nieuwpoort project serves as a model for fellow professionals in the sector: 'those who really want to, can do it easily and with immediate effect'. § Zero Emission Solutions engaged as independent third party for annual evaluation of the Nieuwpoort project (15% reduction) § Details concerning cooperation agreement agreed upon with Goodfuels: NDA and MOU in final phase - Dialogue with Flemish government, Marine Access department, in 2 nd half of September concerning 15% CO ₂ reduction commitment for maintenance dredging contracts by 2022. The follow-up meeting took place on 20/01/2020. This resulted on 21/01/2020 in a declaration of commitment from the Flemish Government. First call for tenders as a result of this initiative has been published by the Flemish Government, including a score on sustainability (CO ₂ PL)	
Commuter Traffic Fund	Own JDN initiative	Stijn Arys/Isabelle Herteleer	after implementation annually 10 tonnes after implementation of bicycle lease programme based on modal shift potential as determined by the engineering office Traject, i.e. a 12.5% use of the potential according to data bicycle allowances 2018)	€5,000 hourly wages + 2800€ with (support provided by the company Traject. The infrastructure costs will be compensated for 50% with funds from the Commuter Traffic Fund. A subsidy budget of €63,767 has been allocated. The total infrastructure costs have been budgeted at €127,534.	Ongoing	08/2018 up to completion of project measures (in the application file, the duration has been set at 4 years). Subsidy file submitted in 2018 and approved on 24/04/2019. The project must be started within 6 months as from the date on which the subsidy decision has been signed (24 April 2019). On 30 November 2019 at the latest, the proof of commencement of the works (copy of a first invoice relating to at least one of the approved project measures) must be submitted to pendelfonds@mow.vlaanderen.be with your provincial mobilitypoint in CC. The first investment has been made, namely a double bicycle shed, which was installed in September 2019. The order for 50 electric charging points has been placed, the charging points have already been delivered but are not connected yet.	
Webinar The Shift – Science-Based Targets	Passive participation	Michel Deruyck n/a	n/a	n/a	To be taken into consideration	Notes can be found on our server: \\Jdn-file01\csr\2. Planet\2.2 Emissions\3. CO2 Performance Ladder\Invalshoek D - Participatie\2D1 (Passieve deelname aan initiatieven)\Webinars\	Belgian companies

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Webinar Engie – Flue gas emissions	Passive participation	Michel Deruyck	Not applicable	Not applicable	Completed	Notes can be found on our server: \\Jdn-file01\csr\2. Planet\2.2 Emissions\3. CO ₂ Performance Ladder\Invalshoek D - Participatie\2D1 (Passieve deelname aan initiatieven)\Webinars\	Unknown
Webinar Emission-free Network Infra	Passive participation	Joris Van Nederkassel	Not applicable	Not applicable	To be taken into consideration	Notes can be found on our server: \\Jdn-file01\csr\2. Planet\2.2 Emissions\3. CO ₂ Performance Ladder\Invalshoek D - Participatie\2D1 (Passieve deelname aan initiatieven)\Webinars\	Unknown
Webinar market-based measures	Passive participation	Karel Allaert	Not applicable	Not applicable	Completed	Notes can be found on our server: \\Jdn-file01\csr\2. Planet\2.2 Emissions\3. CO ₂ Performance Ladder\Invalshoek D - Participatie\2D1 (Passieve deelname aan initiatieven)\Webinars\	Euda
Webinar Orsted – Carbon Disclosure Project	Passive participation	Michel Deruyck	Not applicable	Not applicable	ongoing	Notes can be found on our server: \\Jdn-file01\csr\2. Planet\2.2 Emissions\3. CO ₂ Performance Ladder\Invalshoek D - Participatie\2D1 (Passieve deelname aan initiatieven)\Webinars\	Suppliers of Orsted
Webinar The Carbon Trust – carbon neutrality	Passive participation	Hannelore Ruytjens	Not applicable	Not applicable	Completed	Notes can be found on our server: \\Jdn-file01\csr\2. Planet\2.2 Emissions\3. CO ₂ Performance Ladder\Invalshoek D - Participatie\2D1 (Passieve deelname aan initiatieven)\Webinars\	Unknown
Webinar DNV – decarbonisation in shipping	Passive participation	Michel Deruyck	Not applicable	Not applicable	Completed	Notes can be found on our server: \\Jdn-file01\csr\2. Planet\2.2 Emissions\3. CO ₂ Performance Ladder\Invalshoek D - Participatie\2D1 (Passieve deelname aan initiatieven)\Webinars\	Unknown
Webinar EV 100 – electric vehicles	Passive participation	Hannelore Ruytjens	Not applicable	Not applicable	To be taken into consideration	Notes can be found on our server: \\Jdn-file01\csr\2. Planet\2.2 Emissions\3. CO ₂ Performance Ladder\Invalshoek D - Participatie\2D1 (Passieve deelname aan initiatieven)\Webinars\	Unknown
Webinar Waterbouwers – ‘het Nieuwe Draaien’	Passive participation	Joris Van Nederkassel	Not applicable	Not applicable	Completed	Notes can be found on our server: \\Jdn-file01\csr\2. Planet\2.2 Emissions\3. CO ₂ Performance Ladder\Invalshoek D - Participatie\2D1 (Passieve deelname aan initiatieven)\Webinars\	Unknown