

Engagements individuels pris en 2020										Bilan			Reporting / Communication										
Intitulé de l'engagement individuel	Périmètre	Indicateur / Objectif associé	Échéance ou période de mise en œuvre	Lien avec les engagements communs										Etat de l'action	Résultats partiels / définitifs de l'action	Commentaires (3-15 lignes maximum)	Communication	Support	Modes de vérification				
				1	2	3	4	5	6	7	8	9	10										
Preserve biodiversity throughout our value chains	Global	Solvay plans to reduce its pressure by 30% on biodiversity areas such as terrestrial acidification, water eutrophication and marine ecotoxicity (-15% by 2025)	2018 - 2030	1	1	1	1								1	1	1	En cours	Objectif 2025 atteint en 2022 Résultats partiels notables sur objectif 2030 : decrease of impact by 28% in 2022 (2018 baseline)	Pressures on biodiversity are calculated using a Life Cycle Impact Assessment methodology based on ReCiPe2016 method. Pressures are calculated from cradle to gate and expressed as a potential number of species impacted. Our baseline pressure on biodiversity, from 2018, was 122 species potentially affected. The preliminary results for 2022 show that we have decreased our pressure on biodiversity by 28%. The main pressure is through global warming potential (50%), then ecotoxicity (17%), eutrophication (15%) and acidification (12%).	Non communiqué à date	Rapport annuel intégré 2021 (https://www.solvay.fr/com-muniques-de-presse/solvay-publie-rapport-annuel-integre-et-rapport-fonds-solidarite), 2022 (en cours) et site internet Ongoing audit for 2022 results before publication	https://www.solvay.com/en/sustainability/climate
Lower greenhouse gas emissions worldwide	Global	In 2018, Solvay planned to double the rate at which it reduces emissions, with a goal of curbing greenhouse gas emissions by 26% by 2030 and aligning its trajectory with the «ell below 2°C temperature increase» goal outlined in the 2015 Paris Agreement. A milestone of -16% emissions by 2025 was established at the same time.	2018 - 2030				1	1										En cours	Résultats partiels notables : decrease of emissions by 19% between 2018 and 2022. For scope 1, 2 and 3 a total decrease by 20,9% was achieved in 2021 (2018 baseline)	Emissions in 2018 for scope 1 and 2 were reported to be 12,3 MtCO2eq. A 16% reduction was achieved in 2022 (10,33 MtCO2 eq) at constant perimeter. In October 2021, Solvay announced its plans to reach carbon neutrality on scope 1 and 2 emissions before 2040 for all businesses except soda ash and before 2050 in soda ash. Consequently, the 2030 target for greenhouse gas emissions was upgraded to reduce by -30% from -26%, as compared to the 2018 baseline. The scope 3 target shall at least meet the 2°C criteria of the Science Based Targets initiative. A strategic initiative was also launched in 2021 to spur transformative progress with its suppliers in 2021. Scope 3 emissions are reported to be 34,2 MtCO2eq in 2018 and decreased to 25,8 MtCO2 in 2021.	Non communiqué à date	Rapport annuel intégré 2021 (https://www.solvay.fr/com-muniques-de-presse/solvay-publie-rapport-annuel-integre-et-rapport-fonds-solidarite), 2022 (en cours) et site internet Ongoing audit on 2022 results before publication	https://www.solvay.com/en/sustainability/climate
Eliminate the use of coal	Global	Solvay committed by 2030 to not build new coal-powered plants and to phase out coal usage in energy production wherever renewable alternatives exist.	2018 - 2030				1	1										En cours	Résultats partiels: 1240 kt used in 2018, 1086 kt in 2022	The use of coal for energy production is being phased out of two soda ash plants in Europe. In 2020, Rheinberg in Germany began switching from coal to biomass, reducing the Group's total emissions by -4% by 2025. The Dombasle site in France began in 2022 exiting coal by transitioning to primarily refuse-derived fuel, cutting another -2% of the Group's total emissions by 2024. Finally, Solvay takes the first step to reduce coal usage in its largest European soda ash operation in Devnya, Bulgaria by converting a boiler to biomass. No new plant using coal is built. The decisions publicly taken by the Group will allow to reduce coal consumption by more than 50% by 2025.	Non communiqué à date	Rapport annuel intégré 2021 (https://www.solvay.fr/com-muniques-de-presse/solvay-publie-rapport-annuel-integre-et-rapport-fonds-solidarite), 2022 (en cours) et site internet 2022 results being audited before publication	https://www.solvay.com/en/sustainability/climate
Preserve water resources / increase water use efficiency	Global	Solvay committed to diminish its impact on freshwater withdrawal by reducing its intake of freshwater by 25% by 2030 (-15% by 2025), baseline 2018	2018 - 2030				1	1										En cours	Résultats partiels: water withdrawal decreased by 6%	Through various freshwater reduction projects, we have been able to reduce the freshwater intake from 330 Mm3 in 2018 to 309 Mm3 in 2022, or a decrease of 6%. Record high temperatures and long periods without rainfall over the summer of 2022 underlined the importance of addressing water scarcity. Water is essential to our operations and shortages can have a significant impact, even leading to production losses. With projects underway at more than 20 sites across all geographic zones and with water risk mitigation plans being rolled out for the sites at highest water scarcity/quality risk, we are on track to reach our target of -15% in 2025 and -25% of freshwater intake in 2030 compared to 2018. However, the freshwater intake of several additional 3rd parties have been integrated in the 2022 reporting, which had not been integrated in 2018. Therefore, the freshwater intake that will be reported in the 2022 annual report will be at 330 Mm3 (including 21 Mm3 of additional water intake for 3rd parties).	Non communiqué à date	Rapport annuel intégré 2021 (https://www.solvay.fr/com-muniques-de-presse/solvay-publie-rapport-annuel-integre-et-rapport-fonds-solidarite), 2022 (en cours) et site internet 2022 results still being audited before release	https://www.solvay.com/en/sustainability/planet-resources
Reduce and recover industrial waste	Global	Solvay committed to reduce by a third its non-recoverable industrial waste, such as landfill and incineration without energy recovery (milestone -20% by 2025)	2018 - 2030				1	1										En cours	Résultats atteints: 36% reduction since 2018	Non recoverable industrial waste was reported to represent 88 kt in 2018. In 2022, the group was able to reach 36% reduction (56,2 kt) since 2018.	Non communiqué à date	rapport annuel intégré 2021 2022 results under auditing	
Promote the use of renewable or recycled resources	Global	Solvay committed to leverage its partnership with the Ellen MacArthur Foundation to more than double the sales of products based on renewable or recycled resources to 15% of Group sales.	2018 - 2030										1					En cours	Résultats partiels: 9% in 2022	In 2022, the definition of the Circular Sales indicator was extended to include the 3 pillars of the Circular Economy on the calculation of the Circular Sales KPI: 1. Re-generate → Revenue from circular sourcing (biobased, recycled based, renewable energy) 2. Prolong the lifespan → Revenue from products designed to increase durability 3. Circulate → Revenue from products designed to enable recycling Previously, the indicator only covered the first (Re-generate) pillar. The 2022 results (9%) represent an increase of ~2% vs. 2021 (re-stated results to cover the same 3 pillars)	Non communiqué à date	Annual Integrated Report results are still being audited	https://www.solvay.com/en/sustainability/planet-resources
Educate our employees to reduce their environmental footprint on a daily basimentale au quotidien.	Global	Solvay has launch in 2020 its «Stop office waste» program with the following targets: • Zero single-use plastics, • Zero paper • Zero meals thrown away in Solvay canteens.	2020 - 2022												1			Suspendue	Résultats partiels et projet suspendu. Due to the sanitary crisis and home office working conditions imposed to employees, the programme was put on hold. Nevertheless, results were tracked until mid 2022	In 2022, - 34% of the printers were eliminated from offices allowing 462 k€ cost savings. - 15 sites are now single-use plastic free - 23 sites are recycling biodegradable waste. Several trainings were organised in all regions, toolkits and reporting tools were available in several languages and use cases were investigated to remove some barriers (e.g. printing habits)	Communiqué	Internal communication	presentations, reporting tools can be presented
Partner with our Ecosystem to foster internationally recognized biodiversity impact metrics.		• Active member since 2018 of the B4B+ working group led by the CDC Biodiversity for the co-construction of the Global Biodiversity Score (GBS) • Solvay in the first pilots done by CDC Biodiversité http://www.mission-economie-biodiversite.com/wp-content/uploads/2017/11/N11-TRAVAUX-DU-CLUB-B4B-INDICATEUR-GBS-UK-BD.pdf • Signatory of the CDC Biodiversité act for action published on May 12, 2020 advocating the need for an internationally recognized biodiversity impact indicator https://www.cdc-biodiversite.fr/communique-presse/publiee-dans-le-journal-la-tribune-la-tribune-sur-la-necessite-de-metriques-fiables-pour-inverser-la-courbe-de-la-perte-de-biodiversite/	2018 - 2021												1			En cours	Global Life Cycle Assessment Methods to evaluate the impact on biodiversity along the value chain: - ReCiPe and updates used - Expert training on GBS method Local Biodiversity assessment: - Use of IBAT (IUCN) on 185 sites - Use of Water risk Filter tool (WWF) on 185 sites - Nature based Solution case submitted to IUCN (accepted for 2023 publication) - Wildlife Habitat Council certification Gold for 1 Brazilian site Other global commitments	- organisation of a "Citizen Day" on Biodiversity in 2021 with 147770 participations (one employee may have participated to several actions), 523 actions, 121 participating sites and 20 k€ raised and donated to biodiversity-related NGOs. As part of the Citizen Day several employees (including the CEO) participated to a "Biodiversity fresk" - partnership with the Wildlife Habitat Council - "Make it mandatory" BusinessforNature pledge signed by Solvay in preparation of COP15 - guide on all dimension of the sustainability strategy developed internally - e-learning on Nature developed (several languages) and followed by @400 employees	Non communiqué à date	2021 data in the Integrated Annual Report 2022 data under audit before release	https://www.solvay.com/en/sustainability