

CDM-2022VC-INFO01

Regular report

United Nations platform for voluntary cancellation of certified emission reductions (1 January to 31 December 2022)

Version 01.0



United Nations
Framework Convention on
Climate Change

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1. Introduction

1. This annual report on the operations of the United Nations online platform for voluntary cancellation of certified emission reductions (CERs) (hereinafter referred to as the VC platform) is prepared at the request of the Executive Board of the clean development mechanism (CDM) (hereinafter referred to as the Board) as part of its regular reporting process.
2. The VC platform is an online e-commerce service of the CDM registry that enables project participants to offer the voluntary cancellation of CERs to the general public and can be accessed at the following link: <https://offset.climateneutralnow.org>.
3. This report covers the period 1 January 2022 to 31 December 2022. It provides a comprehensive view of the use of the VC platform with respect to cancelled CERs by purchaser type, country, host party of the CDM activity and sectoral scope. Pricing information on CERs sold is also included in this edition of the report.

2. Report

4. In the reporting period, the number of CERs cancelled through the VC platform has increased with respect to previous periods as shown in table 1.¹

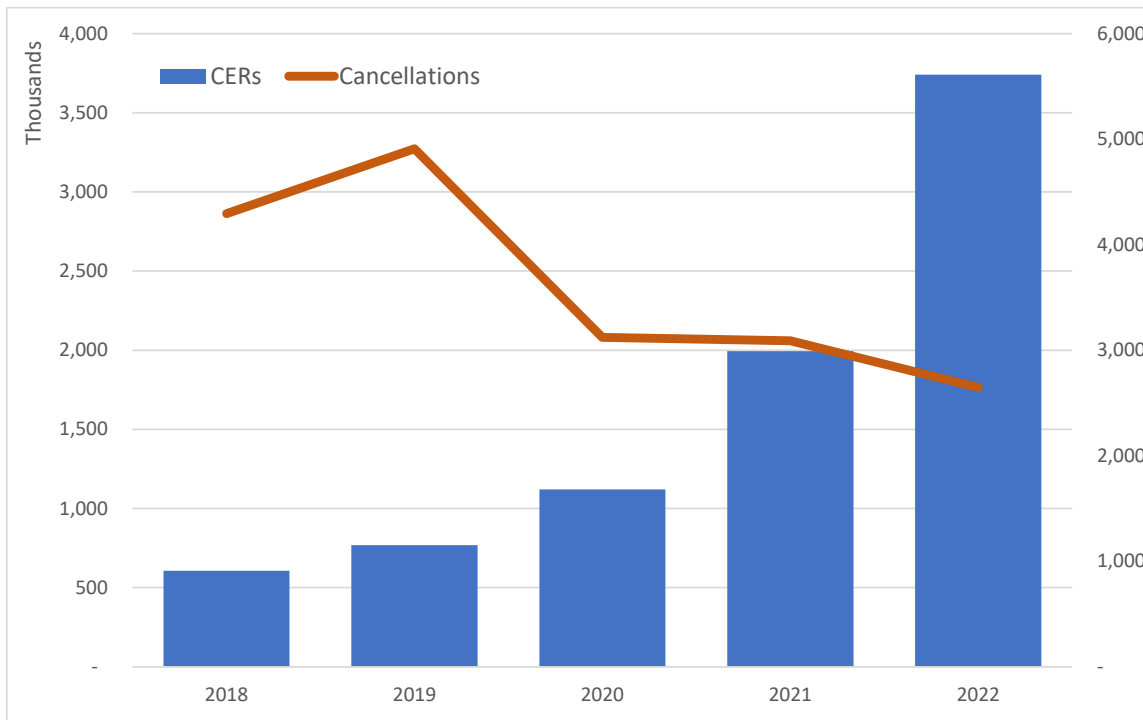
Table 1. Orders and certified emission reductions (CERs) cancelled by period

Reporting period	Orders	CERs cancelled	Variation (in CERs cancelled)
From Sept. 2015 to Dec. 2018	4 295	605 787	
1 January to 31 December 2019	4 908	769 194	
1 January to 31 December 2020	3 121	1 120 491	45.67%
1 January to 31 December 2021	3 088	1 993 334	77.90%
1 January to 31 December 2022	2 646	3 741 282	87.69%
Total	18 058	8 230 088	

5. The results of table 1 are presented graphically in figure 1.

¹ Orders are tracked based on their confirmation date. However, orders are reported only when paid. The number of orders (and the corresponding CERs cancelled) may change over time with respect to earlier reporting periods due to the time spent between confirmation and payment for orders (e.g. bank transfers may take up to 90 days to pay after order confirmation). To illustrate, an order placed in the current reporting period would not be reported if its payment is still outstanding at the time the report is produced. Once paid, it will be reported for the six-month period when the order was confirmed. The paid order will be noted in the subsequent report if the payment is completed by the end of the subsequent report period.

Figure 1. Orders (cancellations) and certified emission reductions (CERs) cancelled by year



6. The number of CERs cancelled increased during 2022 as compared to 2021. There was an increase of almost 88 per cent in the total number of CERs cancelled using the VC platform in comparison to the previous reporting period, establishing a new historical maximum. However, the number of orders has decreased by 14 per cent.
7. Table 2 shows the activities of the two main groups of users – individuals and organizations – since the beginning of the VC platform’s operations.

Table 2. Orders and certified emission reductions (CERs) cancelled by type of purchaser

Type of purchaser	Orders	CERs cancelled
Companies and organizations	7 250	7 508 001
Individuals	10 808	722 087
Total	18 058	8 230 088

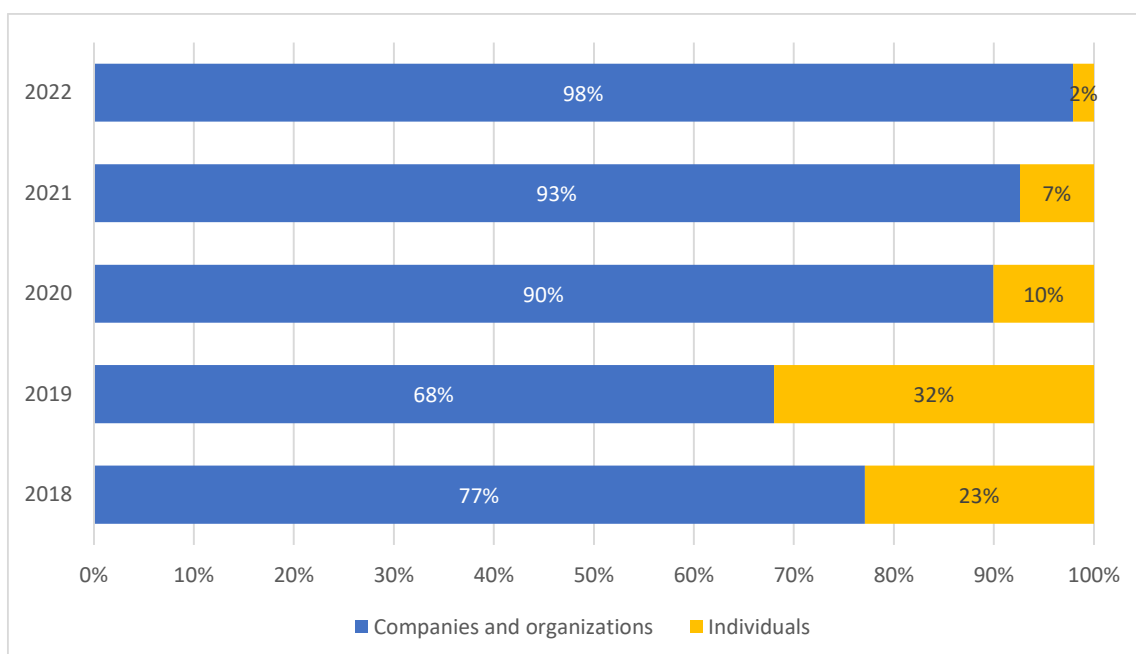
8. During the reporting period, the percentage of CERs cancelled by individuals decreased by 47 per cent, establishing a new historical minimum. This is the consequence of a 98 per cent growth in the CERs cancelled by companies as compared to the previous period, as shown in table 3.

Table 3. Orders and certified emission reductions (CERs) cancelled by type of purchaser

Reporting period	Companies and organizations		Individuals	
	Orders	CERs cancelled	Orders	CERs cancelled
From Sept. 2015 to Dec. 2018	1 136	467 004	3 159	138 783
1 January to 30 December 2019	1 348	523 152	3 560	246 042
1 January to 30 December 2020	1 222	1 007 909	1 899	112 582
1 January to 30 December 2021	1 741	1 846 223	1 347	147 111
1 January to 30 December 2022	1 803	3 663 713	8 43	77 569
Total	7 250	7 508 001	10 808	722 087

9. In recent reporting periods, companies and organizations continue to cancel the majority of CERs, a change in profile since the early operations of the platform, when individuals were more active. During the last three reporting periods, companies and organizations cancelled over 90 per cent of the CERs on the platform, as shown in figure 2.

Figure 2. Proportion of certified emission reductions (CERs) cancelled by type of purchaser



10. To date, a total of 9,143 users² have cancelled CERs on the VC platform. For the current reporting period, of a total of 1,141 users have cancelled CERs, of which 322 (or 28 per cent) were returning ones, reflecting an increase of 7 per cent in returning purchasers as compared to the previous period.

² Users who hold a login account on the VC platform.

11. Table 4 shows the number of countries whose users have cancelled CERs on the VC platform. Table 5 ranks the top 10 countries with most cancelled CERs.

Table 4. Number of countries with paid orders for certified emission reductions (CERs) by period

Reporting period	Countries with paid orders
1 September 2015 to 31 December 2018	87
1 January to 31 December 2019	74
1 January to 31 December 2020	70
1 January to 31 December 2021	75
1 January to 31 December 2022	73
Total*	114

* The total of 114 countries applies to the entire period of operations of the VC platform.

Table 5. Top 10 countries by certified emission reductions (CERs) cancelled to date

Countries	Total		Reporting period (Jan.–Dec. 2022)	
	Orders	CERs cancelled	Orders	CERs cancelled
Germany	1 457	1 806 614	171	1 330 364
United Kingdom of Great Britain and Northern Ireland	3 075	1 518 758	635	1 070 756
United States of America	4 557	612 896	301	54 387
France	577	610 802	109	73 852
Australia	964	568 116	92	231 546
India	172	556 803	40	420 229
Finland	706	316 606	25	56 779
Switzerland	306	229 433	29	10 100
Sweden	628	220 355	42	34 236
Netherlands	402	206 570	96	11 085
Other countries	5 214	1 583 135	1 106	447 948
Total	18 058	8 230 088	2 646	3 741 282

12. Based on the number of cancellations, the tracking information available and the nature of the main sources of traffic (i.e. the Climate Neutral Now and United Nations Framework Convention on Climate Change websites' traffic generator systems, and Google), it can be estimated that the number of visits increased by around 16 per cent during the reporting period in comparison with previous period. Since September 2015, the VC platform has been visited by users from 194 countries.
13. A total of 174 CDM activities have opened a provider account on the VC platform and sold CERs through it. Geographically, these activities represent 28 host countries.
14. The CERs cancelled by host country, region and sectoral scope of the CDM activity are shown in tables 6, 7 and 8, respectively.

Table 6. Certified emission reductions (CERs) cancelled by host country of clean development mechanism (CDM) activities to date

Host party	CDM activities	CERs cancelled	Per cent of all CERs cancelled
India	89	5 753 440	69.91%
Chile	13	630 238	7.66%
China	21	459 403	5.58%
Brazil	14	430 512	5.23%
Philippines	1	200 893	2.44%
Mongolia	1	183 154	2.23%
Thailand	5	157 094	1.91%
Peru	2	110 842	1.35%
Pakistan	2	59 458	0.72%
Malawi	3	51 349	0.62%
Guatemala	1	36 459	0.44%
Cambodia	1	30 937	0.38%
Uganda	2	29 052	0.35%
Argentina	1	25 934	0.32%
Costa Rica	3	15 355	0.19%
El Salvador	1	10 752	0.13%
Jamaica	2	10 350	0.13%
Republic of Korea	2	9 876	0.12%
Kenya	1	8 830	0.11%
Ghana	1	4 504	0.05%

Host party	CDM activities	CERs cancelled	Per cent of all CERs cancelled
Sri Lanka	1	3 221	0.04%
Fiji	1	2 471	0.03%
Mexico	1	2 470	0.03%
Rwanda	1	1 858	0.02%
Democratic People's Republic of Korea	1	1 348	0.02%
United Arab Emirates	1	119	0.00%
South Africa	1	107	0.00%
Honduras	1	62	0.00%
Total	174	8 230 088	100.00%

Table 7. Certified emission reductions (CERs) cancelled by United Nations region of clean development mechanism (CDM) activities to date

Region	CDM activities	CERs cancelled	Per cent of all CERs cancelled
Asia	125	6 858 943	83.34%
Americas	39	1 272 974	15.47%
Africa	9	95 700	1.16%
Oceania	1	2 471	0.03%
Total	174	8 230 088	100.00%

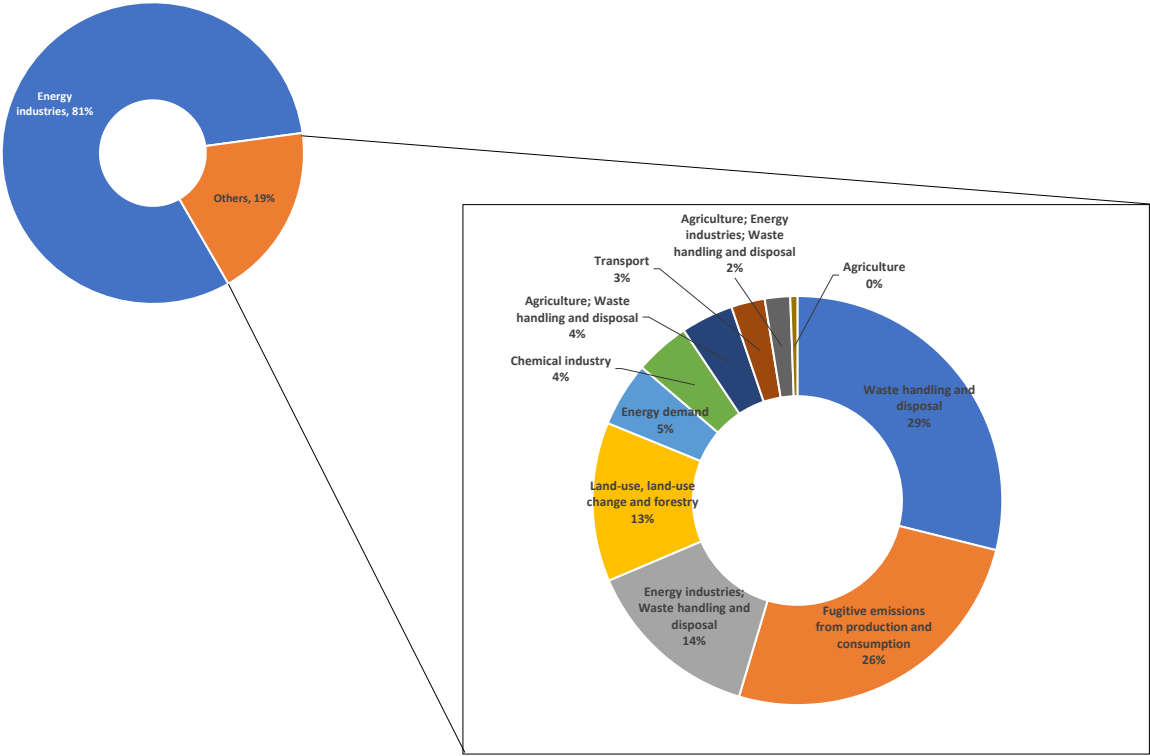
Table 8. Certified emission reductions (CERs) cancelled to date by sectoral scope of clean development mechanism (CDM) activities

Sectoral scope	CDM activities	CERs cancelled
Energy industries	140	6 682 308
Waste handling and disposal	8	447 379
Fugitive emissions from production and consumption	1	397 742
Energy industries; Waste handling and disposal	7	216 676
Land use, land-use change and forestry	1	194 709
Energy demand	7	78 946
Chemical industry	4	67 499

Sectoral scope	CDM activities	CERs cancelled
Agriculture; Waste handling and disposal	2	64 079
Transport	2	41 146
Agriculture; Energy industries; Waste handling and disposal	1	30 937
Agriculture	1	8 667
Total	174	8 230 088

15. A graphical representation of the CERs cancelled by sectoral scope is shown in figure 3.

Figure 3. Certified emission reductions cancelled to date by unique sectoral scope of clean development mechanism activities



16. The total number of CERs voluntarily cancelled in the CDM registry, including those cancelled using the VC platform, has reached 148 million to date, from which 41.7 million were voluntarily cancelled in 2022. Of these, over 9 per cent were cancelled using the VCP. This percentage is almost twice with respect to the historical absorption rate.

17. The average price of CERs sold on the platform among companies and organizations during the current period has been USD 1.30.

Table 9. Prices of certified emission reductions cancelled for recent reporting periods

Reporting period	Average price (USD)
1 September 2015 to 31 December 2018	1.02
1 January to 31 December 2019	1.04
1 January to 31 December 2020	0.97
1 January to 31 December 2021	1.57
1 January to 31 December 2022	1.30

18. The minimum price of CERs sold on the platform to date was USD 0.20, and the maximum price of CERs sold on the platform was USD 100. In the reporting period, the minimum price was USD 0.20, and the maximum price was USD 50.

Document information

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