

# December 2020 – SeaDataCloud catalogues follow-up

All documents used to write this report are available on the extranet of the project under [SeaDataCloud > Follow up](#).

## Statistics on all catalogues

In December 2020, global increases on catalogues :

- **EDMO (Marine organisations)** : **+14** - Total : **4 388**
- **EDMED (Data sets)** : **+5** - Total : **4 259**
- **EDMERP (Projects)** : **+7** - Total : **3 307**
- **EDIOS-PRG**
  - Programmes : - Total : **370**
  - Series : - Total : **16 652**
- **CSR (Cruises)** : **+828** - Total : **60 995**
- **CDI (Data)** : **+13 584** - Total : **2 576 807**

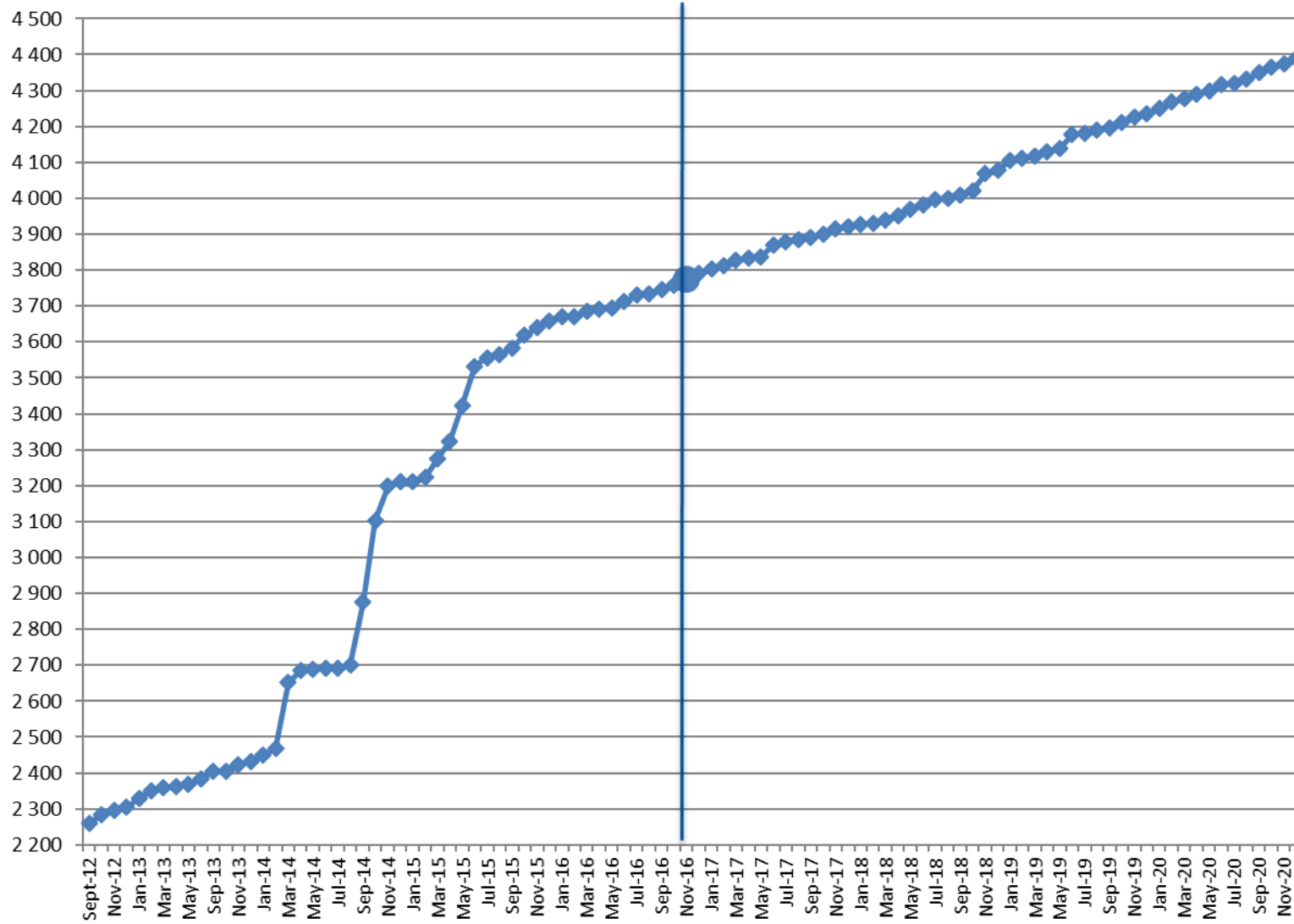
## Since the beginning of SeaDataCloud :

Catalogue	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20	Apr-20	Mar-20	Feb-20	Jan-20	Oct-16	Increase*
EDMO	4 388	4 374	4 365	4 349	4 331	4 320	4 316	4 298	4 291	4 278	4 267	4 249	3 758	630
EDMED	4 259	4 254	4 252	4 250	4 249	4 247	4 245	4 234	4 232	4 228	4 227	4 225	4 077	182
EDMERP	3 307	3 300	3 330	3 289	3 278	3 254	3 239	3 205	3 190	3 177	3 170	3 166	2 975	332
EDIOS-PRG	370	370	370	370	370	370	370	370	370	370	370	368	362	8
EDIOS-Series	16 652	16 652	16 652	16 652	16 651	16 645	16 645	16 645	16 645	16 645	16 645	16 645	16 613	39
CSR	60 995	60 167	59 599	60 159	59 414	58 935	58 560	58 315	58 261	58 177	58 062	57 920	53 484	7 511
CDI	2 576 807	2 563 223	2 561 271	2 487 180	2 474 835	2 447 194	2 433 487	2 375 117	2 349 773	2 333 919	2 311 070	2 289 624	1 873 823	702 984

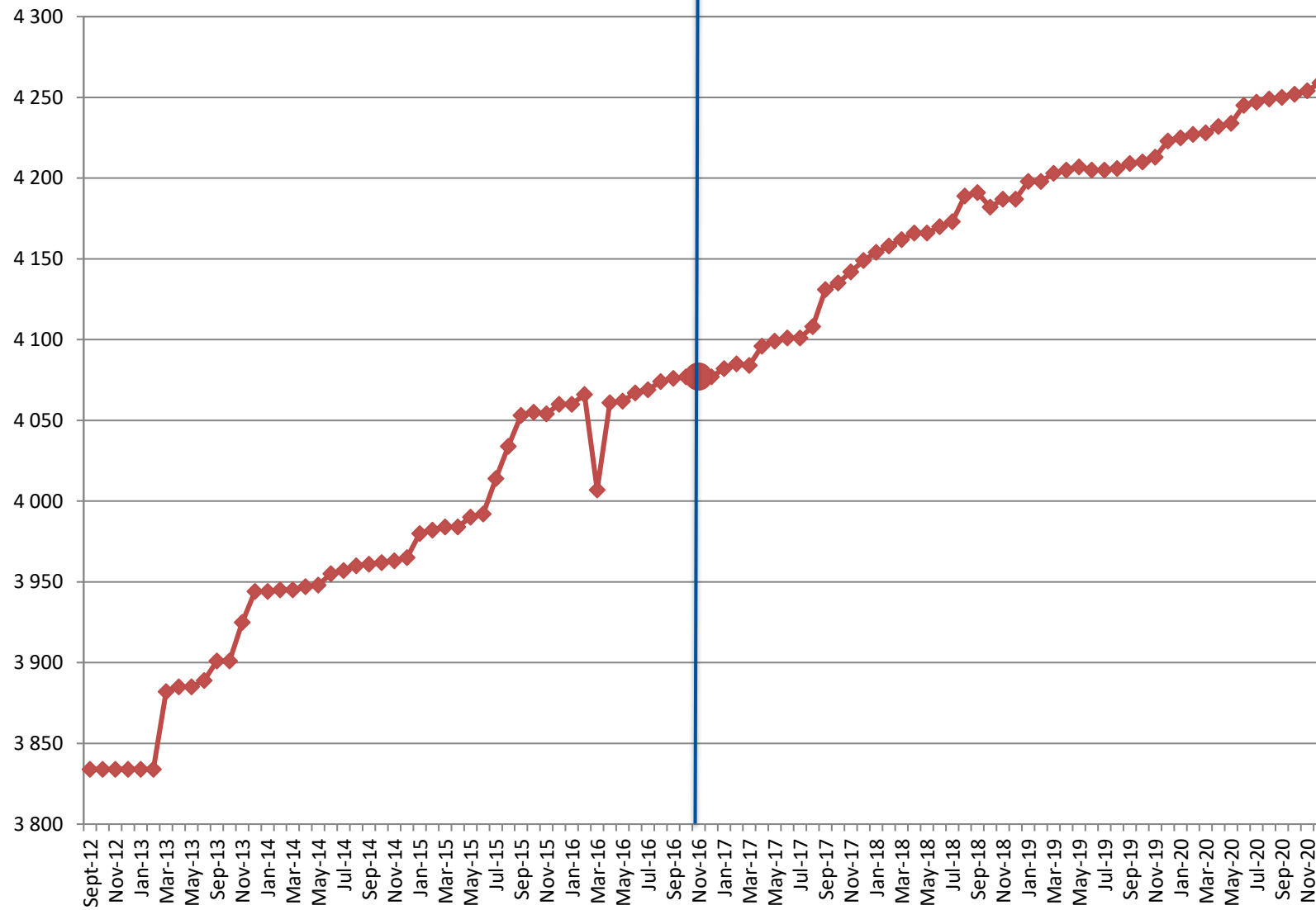
(\*) Increase since beginning of SeaDataCloud (01/11/2016)

# Nb of EDMO, EDMED, EDMERP, EDIOS, CSR and CDI per month

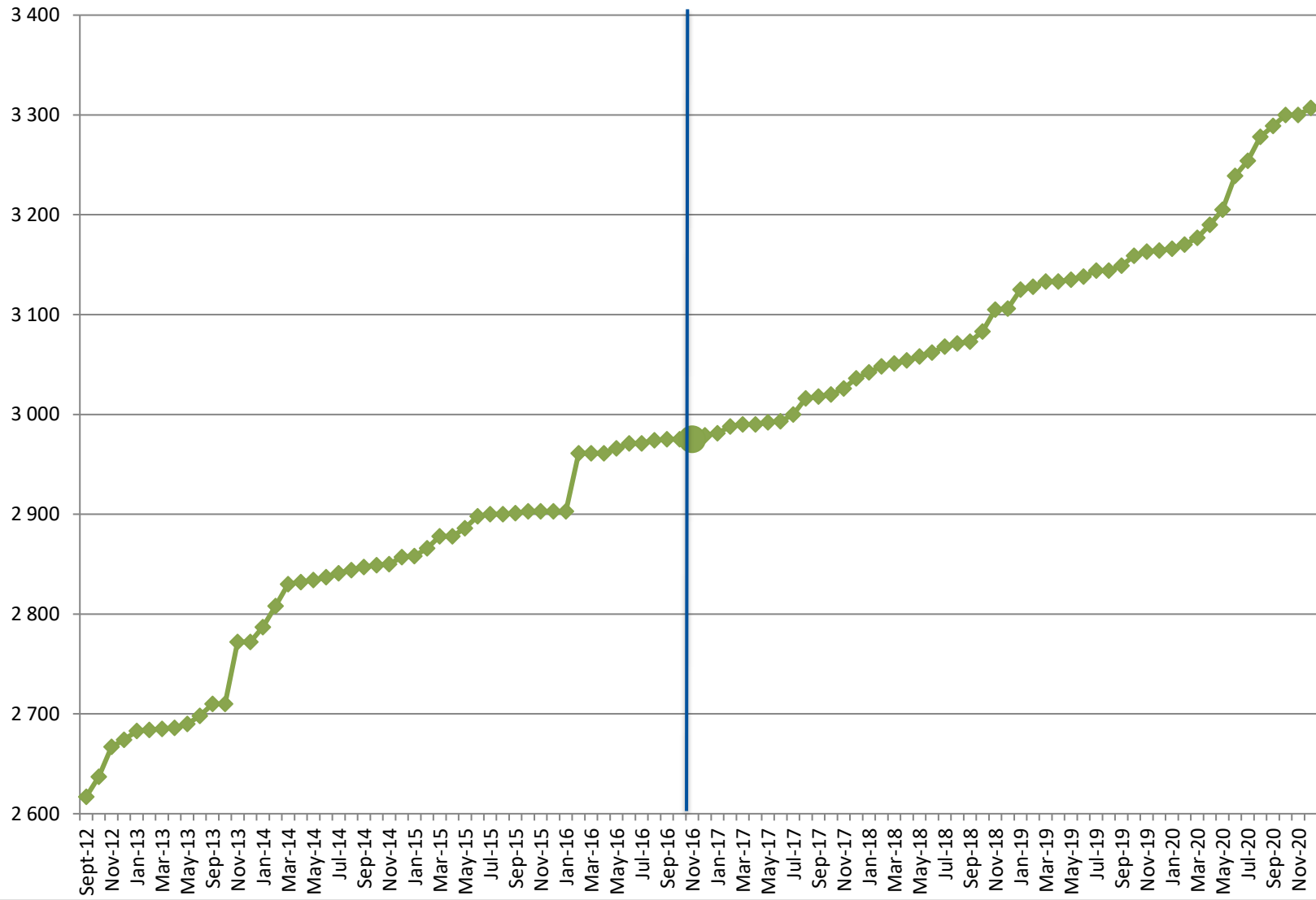
## EDMO SDC



# EDMED SDC



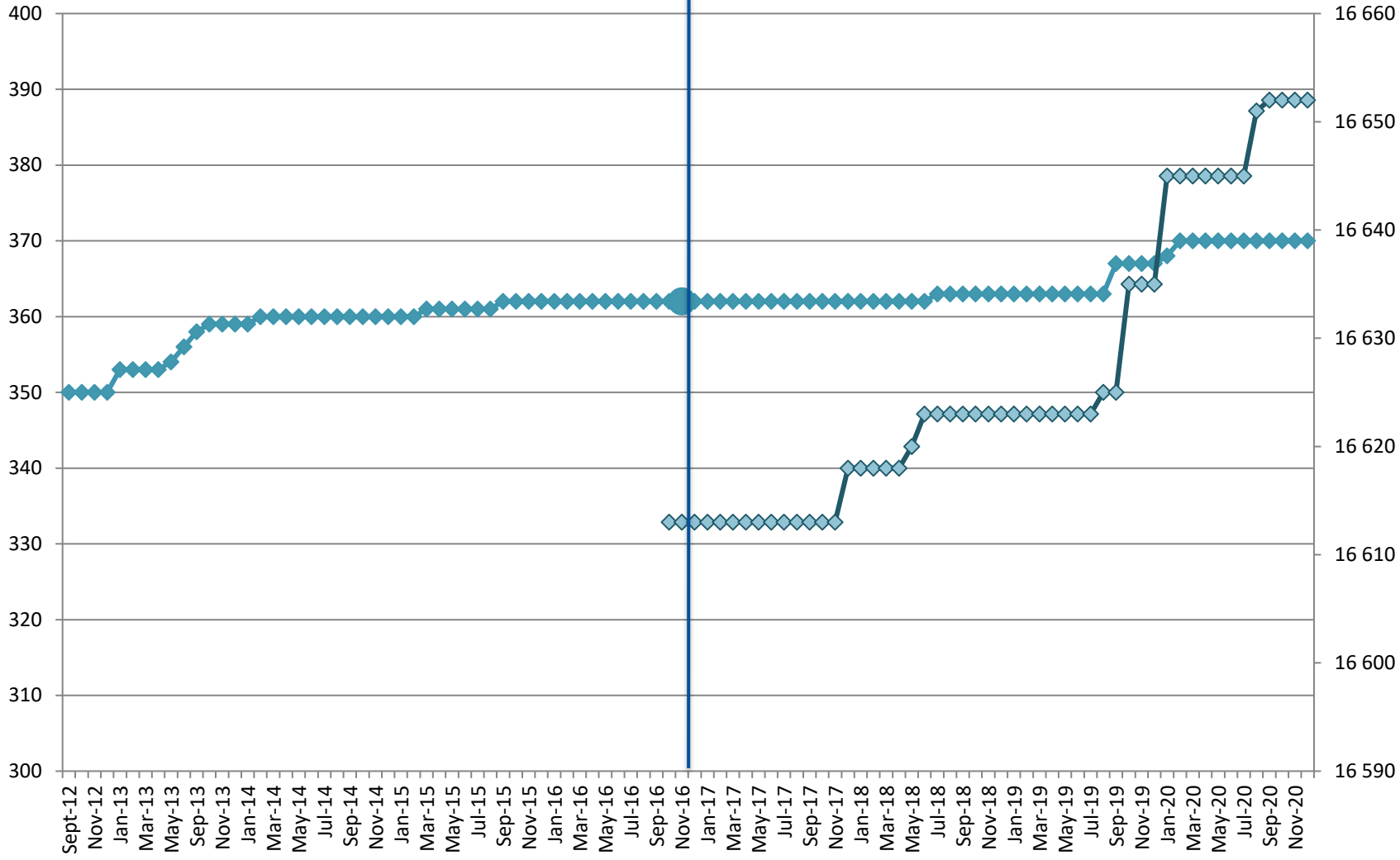
# EDMERP<sub>SDC</sub>



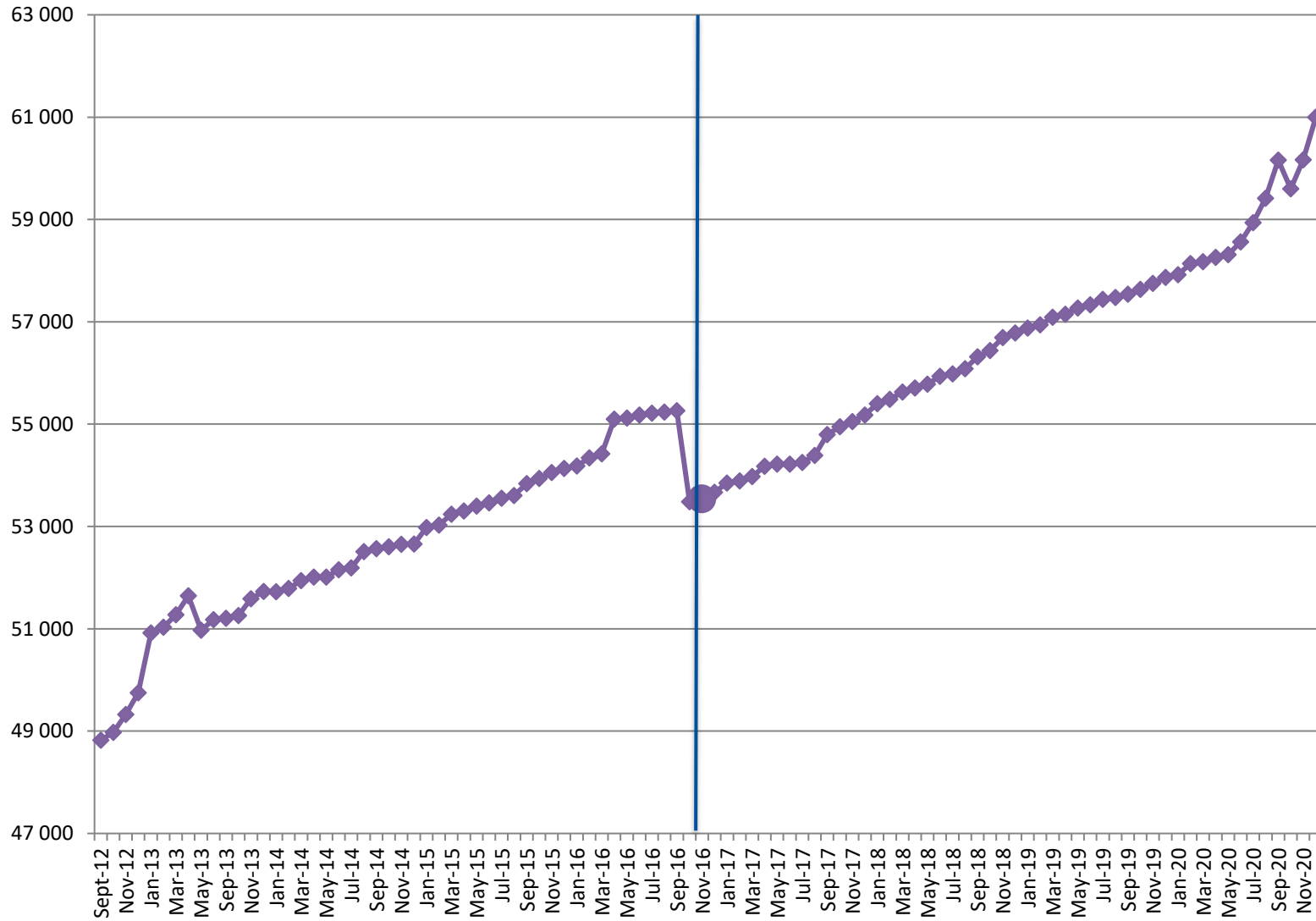
# EDIOS

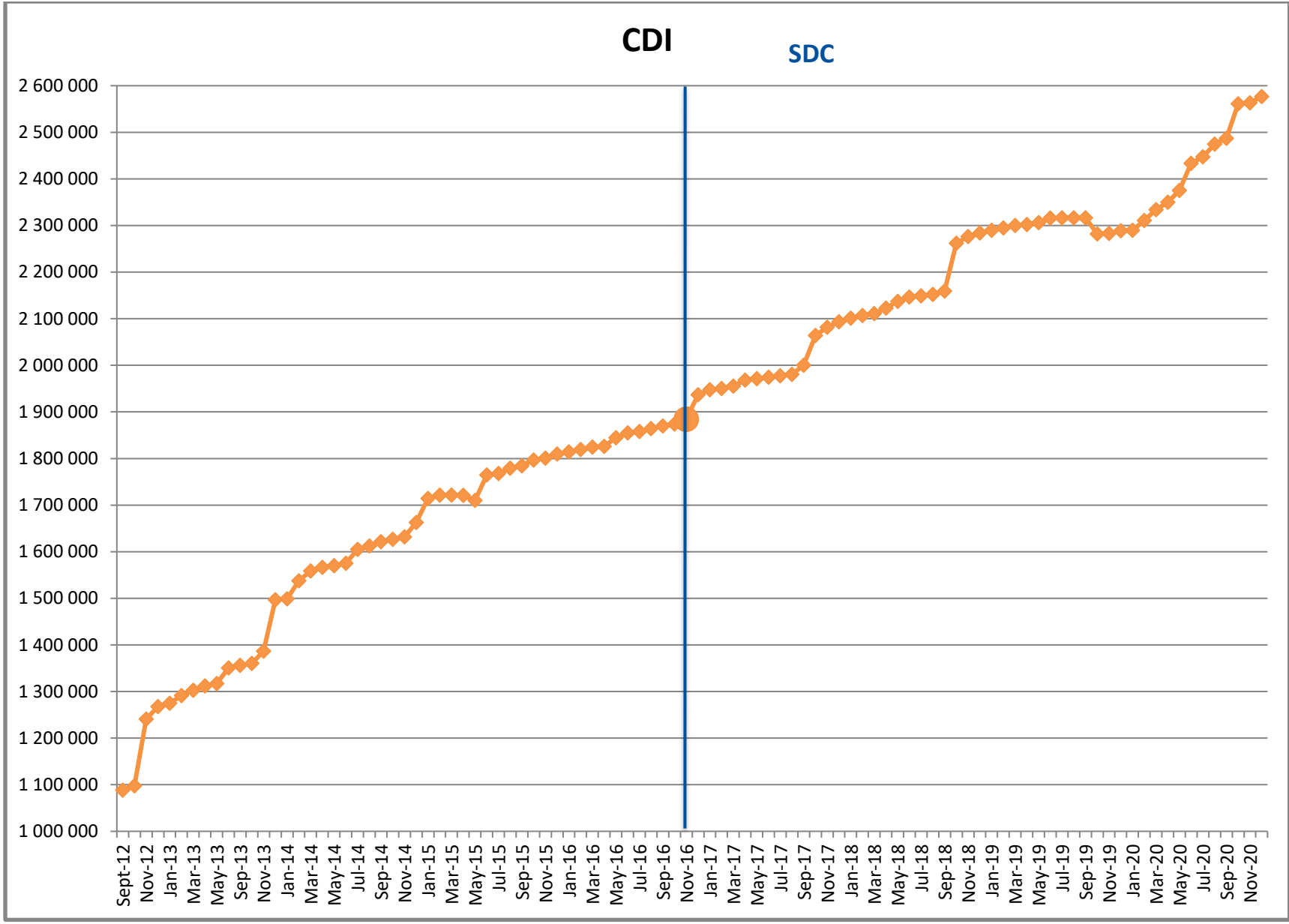
◆ Programmes ◆ Series

SDC



CSR SDC





## Statistics on CDI catalogue

Details of last month upgrades per partners are the following:

CDI partner	Country	Last increase as distributor	Last increase as custodian
BSH	Germany	0	+611
CNRS/MIO	France	+3	+3
FMI	Finland	0	+246
HCMR	Greece	+242	+460
IEO	Spain	0	+414
IFREMER	France	+6 211	+942
IMBK	Montenegro	+7	+7
IMR	Norway	0	+795
IO-BAS	Bulgaria	0	+46
IOPAN	Poland	0	+381
METU-IMS	Turkey	+180	+178
MI	Ireland	0	+221
NIOZ	Netherlands	+1	+1
NOC-BODC	United Kingdom	+6 570	+8 399
OGS	Italy	+325	+327
SHOM	France	0	+330
TSU-DNA	Georgia	+8	+8
UTM-CSIC	Spain	+5	+5
<b>TOTAL</b>	<b>18</b>	<b>+13 552</b>	<b>+13 374</b>

- 10 SeaDataCloud partners (as distributor) had input or decrease data in the CDI catalogue, for a total increase of **+13 552 records**.
- 3 other partners, not in the SeaDataCloud consortium, have worked for a total increase of **32 records**.

There are 114 partners (as distributor) with CDIs :

- 43 SeaDataCloud partners and
- 71 other partners.

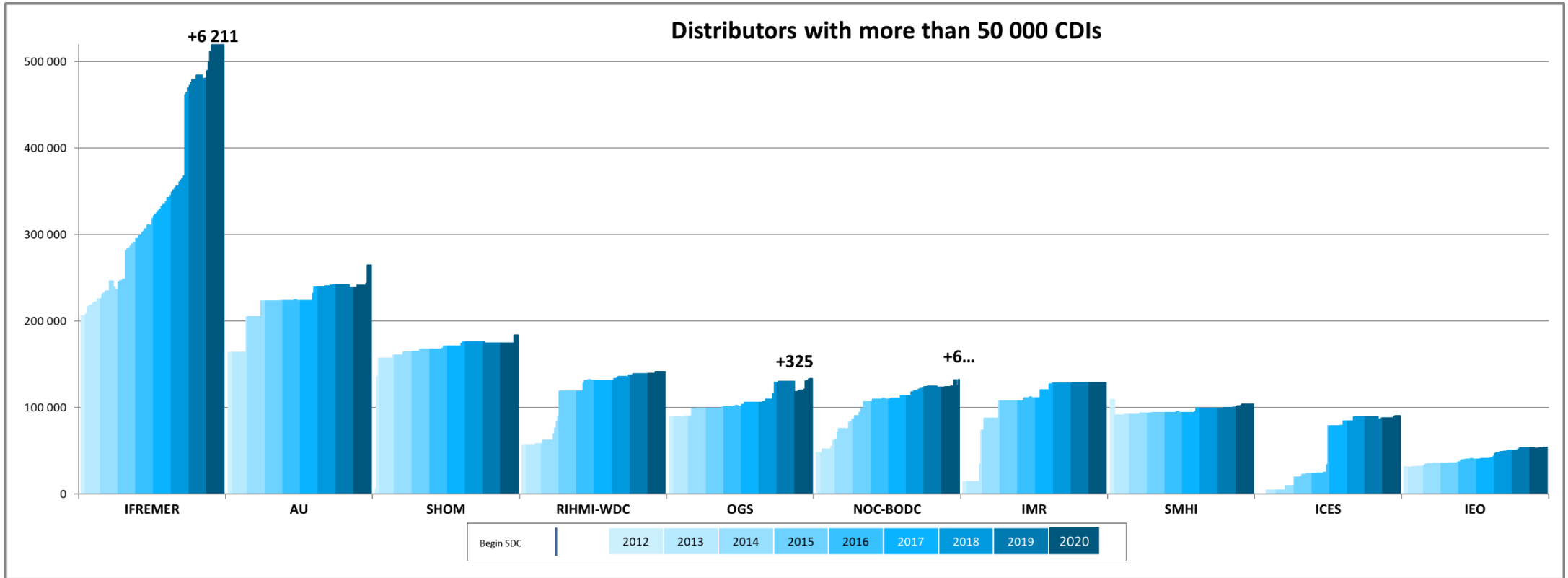


Since the beginning of the follow-up reports (October 2012), the increase in CDI since start SDC (November 2016), between end SDN2 (September 2015) and start SDC, increase since SDN2, per partner, is the following: Note that for SMHI and SIO-RAS the negative increase since start SDN2 is due to the change in their time series management (SMHI), the change of data owner and the remove of incorrect records (SIO-RAS). The new owner is SOI, not in the SeaDataCloud consortium).

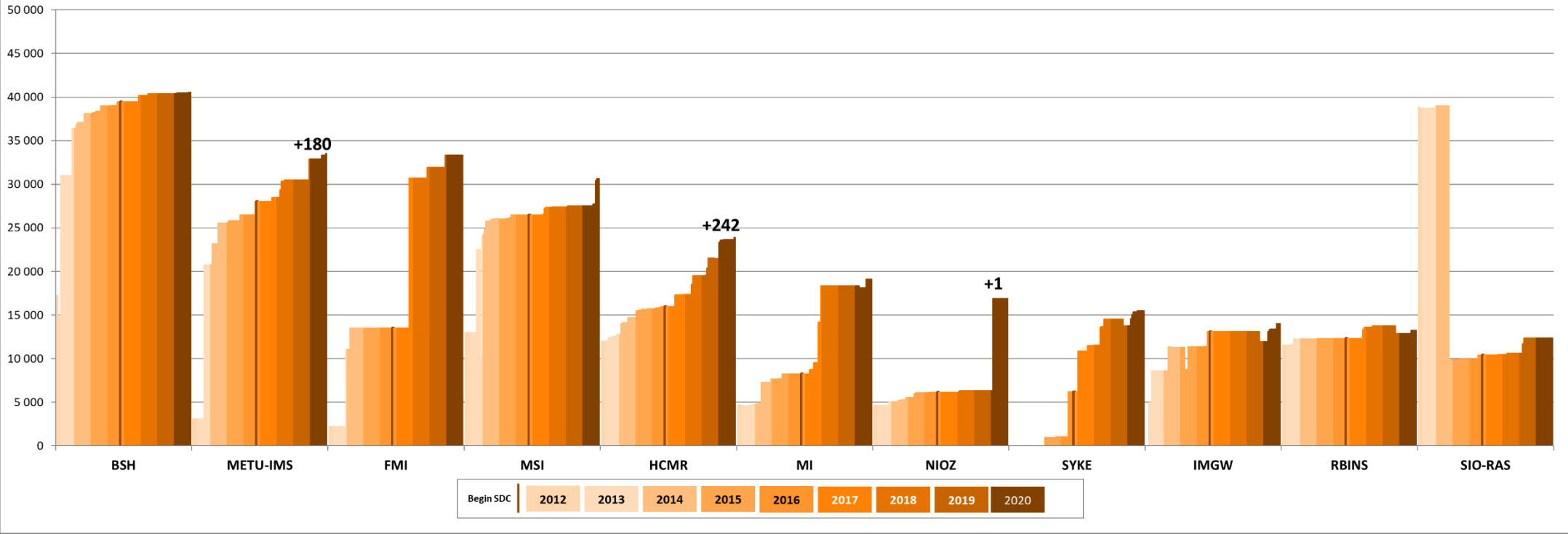
CDI partner	Name of partner	Country	Nb as distributor 04/01/2021	Nb as Custodian 04/01/2021	Increase as distributor since start SDC	Increase as custodian since start SDC	Increase as distributor between SDN2 and SDC	Increase as distributor since start SDN2
<b>GEOMAR</b>	Helmholtz Centre for Ocean Research Kiel	Germany	0	15 479	<b>0</b>	<b>15 479</b>	0	-
<b>CNRS/OSU-SBR</b>	Roscoff Marine Station, Sorbonne Universités, UPMC Univ Paris 06 and CNRS	France	2	735	<b>2</b>	<b>735</b>	0	2
<b>CNRS/MIO</b>	CNRS/Mediterranean Institute of Oceanography-LUMINY (MIO)-UMR 7294/235/110	France	70	70	<b>70</b>	<b>70</b>	0	70
<b>UTM-CSIC</b>	UTM-CSIC/Marine Technology Unit	Spain	780	793	<b>774</b>	<b>787</b>	0	780
<b>CNR</b>	CNR - Institute of Atmospheric Sciences and Climate (ISAC) (Rome)	Italy	874	874	<b>621</b>	<b>621</b>	0	874
<b>INSTM</b>	Institut National des Sciences et Technologies de la Mer	Tunisia	973	973	<b>4</b>	<b>4</b>	0	973
<b>IMBK</b>	Institute of Marine Biology (IMBK)	Montenegro	1 048	1 056	<b>342</b>	<b>350</b>	647	1 026
<b>TSU-DNA</b>	Iv.Javakhishvili Tbilisi State University	Georgia	1 169	1 172	<b>217</b>	<b>220</b>	34	274
<b>UOM</b>	University Of Malta	Malta	1 922	1 922	<b>897</b>	<b>897</b>	393	1 294
<b>IOPAN</b>	IOPAN	Poland	2 856	7 128	<b>2 838</b>	<b>7 110</b>	0	2 856
<b>IOF</b>	Institute of Oceanography and Fisheries	Croatia	2 968	2 968	<b>735</b>	<b>735</b>	490	1 392
<b>ORION</b>	ORION Joint Research and Development Center	Cyprus	3 655	3 664	<b>3 655</b>	<b>3 664</b>	0	3 655
<b>CNRS/OASU</b>	Aquitaine Observatory of Sciences of the Universe - University of Bordeaux (OASU)	France	3 933	3 933	<b>3 933</b>	<b>3 933</b>	9	3 933
<b>LHEI</b>	Latvian Institute of Aquatic Ecology	Latvia	3 946	4 255	<b>462</b>	<b>771</b>	536	3 639
<b>VLIZ</b>	Flanders Marine Institute	Belgium	4 119	4 119	<b>547</b>	<b>547</b>	74	2 500
<b>IO-BAS</b>	Bulgarian National Oceanographic Data Centre(BGODC)	Bulgaria	4 866	6 324	<b>1 387</b>	<b>2 845</b>	273	2 558
<b>UkrSCES</b>	Ukrainian scientific center of Ecology of Sea (UkrSCES)	Ukraine	6 440	6 440	<b>796</b>	<b>796</b>	267	6 440
<b>IHPT</b>	IHPT, Hydrographic institute	Portugal	6 583	6 583	<b>250</b>	<b>250</b>	1 713	5 678
<b>IOLR</b>	Israel Oceanographic and Limnological Research (IOLR)	Israel	8 073	8 073	<b>2 341</b>	<b>2 341</b>	333	3 000
<b>NIMRD</b>	National Institute for Marine Research and Development Grigore Antipa	Romania	8 557	8 780	<b>1 667</b>	<b>1 890</b>	602	4 303
<b>NIB</b>	National Institute of Biology - NIBMarine Biology Station	Slovenia	8 908	8 920	<b>1 246</b>	<b>1 258</b>	287	4 788
<b>MRI</b>	Marine Research Institute (MRI)	Iceland	8 977	8 977	<b>3 063</b>	<b>3 063</b>	0	5 153
<b>ENEA</b>	ENEA Centro Ricerche Ambiente Marino - La Spezia	Italy	9 887	9 887	<b>798</b>	<b>798</b>	284	1 813

<b>SIO-RAS</b>	P.P.Shirshov Institute of Oceanology-RAS	Russian Federation	12 384	12 384	<b>1 943</b>	<b>1 943</b>	482	-26 439
<b>RBINS</b>	Royal Belgian Institute of Natural Sciences	Belgium	13 268	13 268	<b>939</b>	<b>939</b>	0	1 735
<b>IMGW</b>	Instytut Meteorologii i Gosodarki Wodnej	Poland	14 001	14 121	<b>891</b>	<b>1 011</b>	1 770	14 001
<b>SYKE</b>	Finnish Environment Institute	Finland	15 513	15 904	<b>9 306</b>	<b>9 697</b>	5 162	15 513
<b>NIOZ</b>	NIOZ Royal Netherlands Institute for Sea Research	Netherlands	16 897	6 341	<b>10 767</b>	<b>211</b>	46	12 268
<b>MI</b>	Marine Institute	Ireland	19 136	28 914	<b>10 887</b>	<b>20 665</b>	0	14 435
<b>HCMR</b>	Hellenic Centre for Marine Research	Greece	23 899	26 480	<b>7 910</b>	<b>10 491</b>	260	11 875
<b>MSI</b>	Marine Systems Institute at Tallinn University of Technology	Estonia	30 648	30 539	<b>4 174</b>	<b>4 065</b>	-3	17 651
<b>FMI</b>	Finnish Meteorological Institute	Finland	33 351	37 020	<b>19 851</b>	<b>23 520</b>	0	31 140
<b>METU-IMS</b>	Institute of Marine Sciences, Middle East Technical University	Turkey	33 513	33 600	<b>5 496</b>	<b>5 583</b>	2 222	30 431
<b>BSH</b>	German Oceanographic Datacentre (NODC)	Germany	40 517	112 826	<b>1 070</b>	<b>73 379</b>	465	23 239
<b>IEO</b>	IEO/Spanish Oceanographic Institute	Spain	54 038	64 423	<b>13 682</b>	<b>24 067</b>	4 265	22 623
<b>ICES</b>	International Council for the Exploration of the Sea (ICES)	Denmark	91 079	89 921	<b>66 908</b>	<b>65 750</b>	369	91 079
<b>SMHI</b>	Swedish Meteorological and Hydrological Institute	Sweden	104 343	106 306	<b>10 057</b>	<b>12 020</b>	0	-5 184
<b>IMR</b>	Institute of Marine Research - Norwegian Marine Data Centre (NMD)	Norway	129 064	135 727	<b>17 427</b>	<b>24 090</b>	3 808	114 271
<b>NOC-BODC</b>	British Oceanographic Data Centre	United Kingdom	132 445	217 377	<b>22 442</b>	<b>107 374</b>	2 973	84 388
<b>OGS</b>	OGS (Istituto Nazionale di Oceanografia e di Geofisica Sperimentale)	Italy	133 765	120 522	<b>32 218</b>	<b>18 975</b>	1 922	44 167
<b>RIHMI-WDC</b>	All-Russia Research Institute of Hydrometeorological Information - World Data Centre	Russian Federation	141 756	141 756	<b>10 424</b>	<b>10 424</b>	12 003	84 631
<b>SHOM</b>	Shom	France	184 172	204 140	<b>12 838</b>	<b>32 806</b>	3 754	177 749
<b>AU</b>	Aarhus University	Denmark	264 944	265 314	<b>40 989</b>	<b>41 359</b>	609	100 790
<b>IFREMER</b>	IFREMER / IDM/SISMER	France	685 540	446 465	<b>374 783</b>	<b>135 708</b>	24 240	479 341
		<b>TOTAL</b>	<b>2 264 879</b>	<b>2 236 473</b>	<b>701 647</b>	<b>673 241</b>	<b>70 289</b>	<b>1 396 705</b>

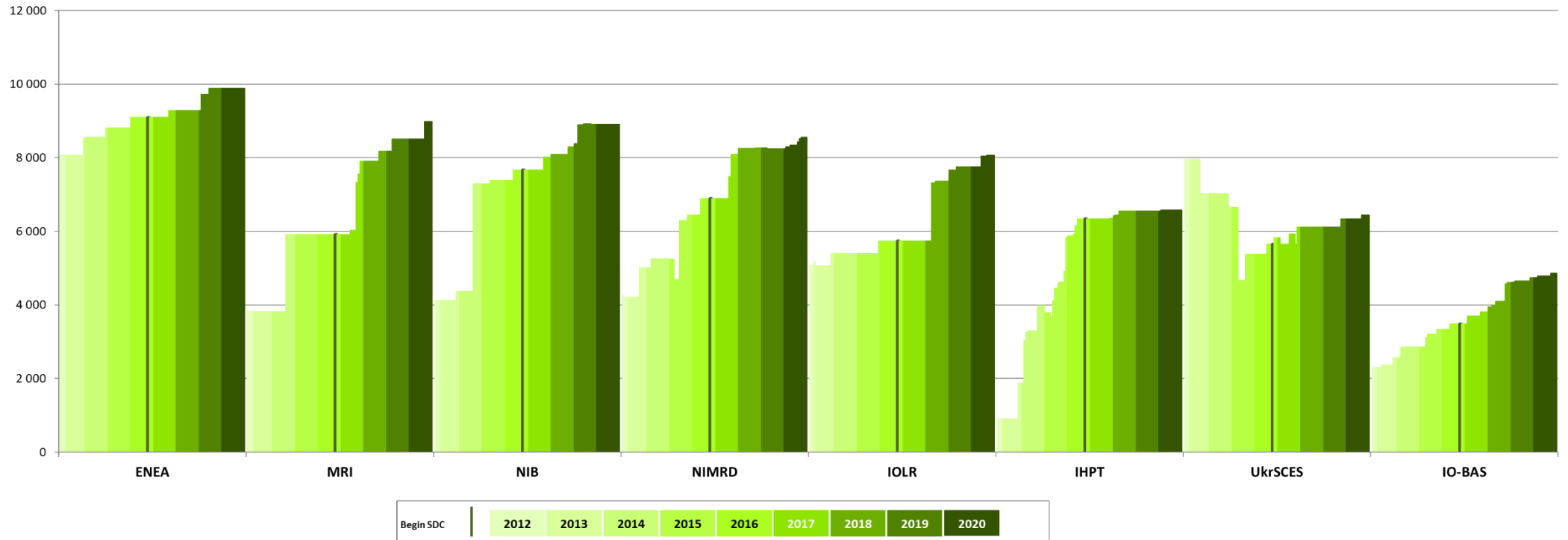
## CDIs number per month and per distributors



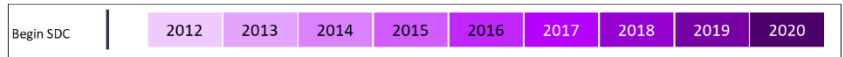
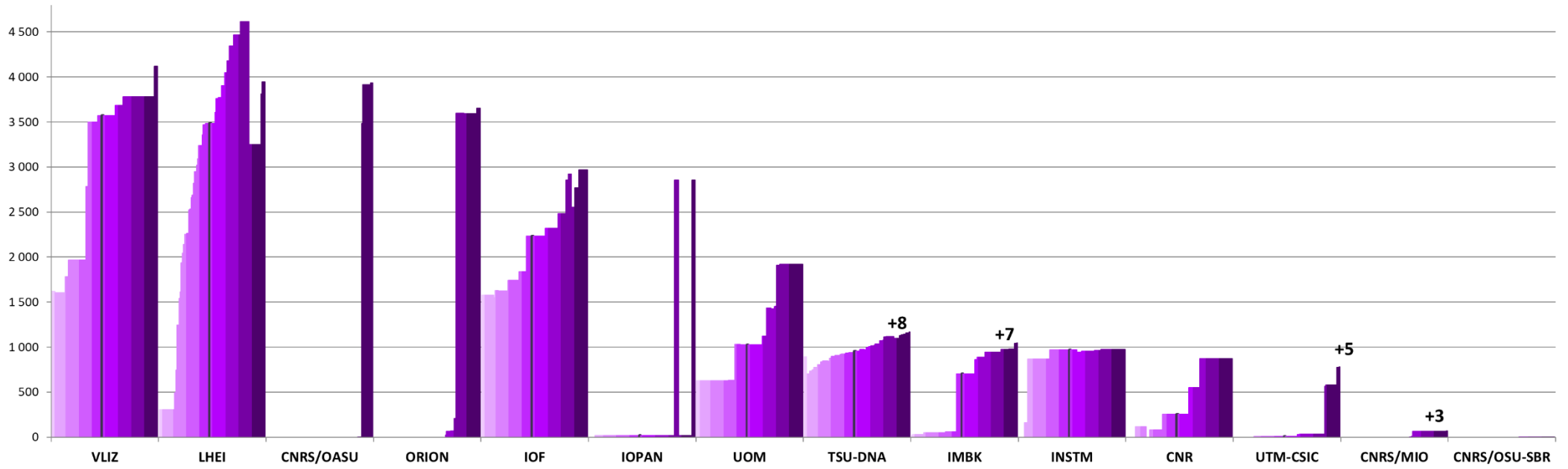
### Distributors with 10 000 < CDIs < 50 000



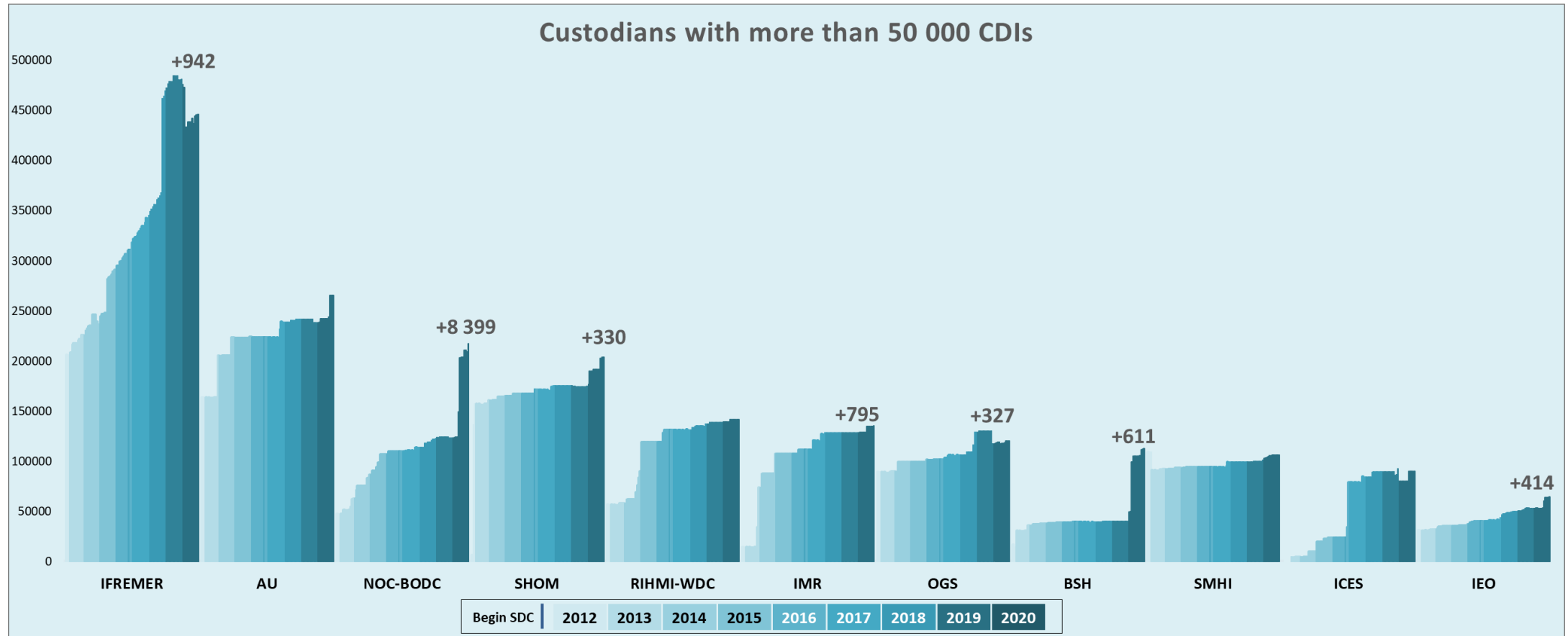
### Distributors with 4 000 < CDI entries < 10 000



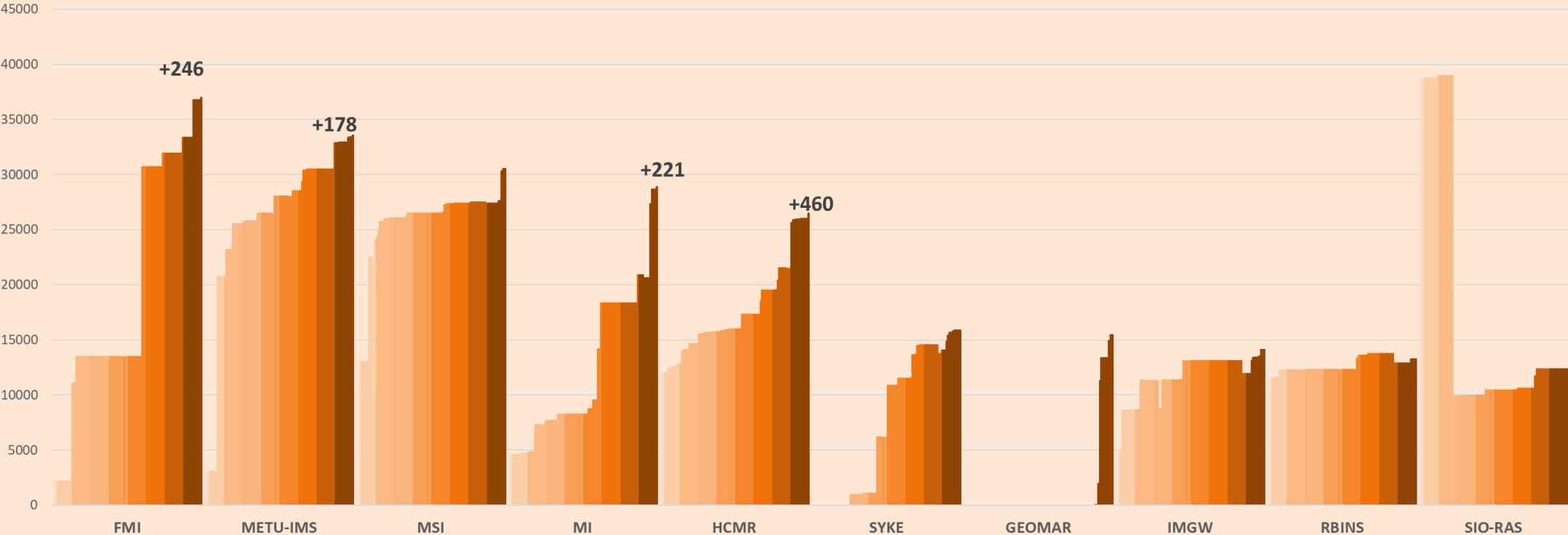
### Distributors with less than 4 000 CDI entries



## CDIs number per month and per custodians



# Custodians with 10 000 < CDIs < 50 000



Begin SDC	2012	2013	2014	2015	2016	2017	2018	2019	2020
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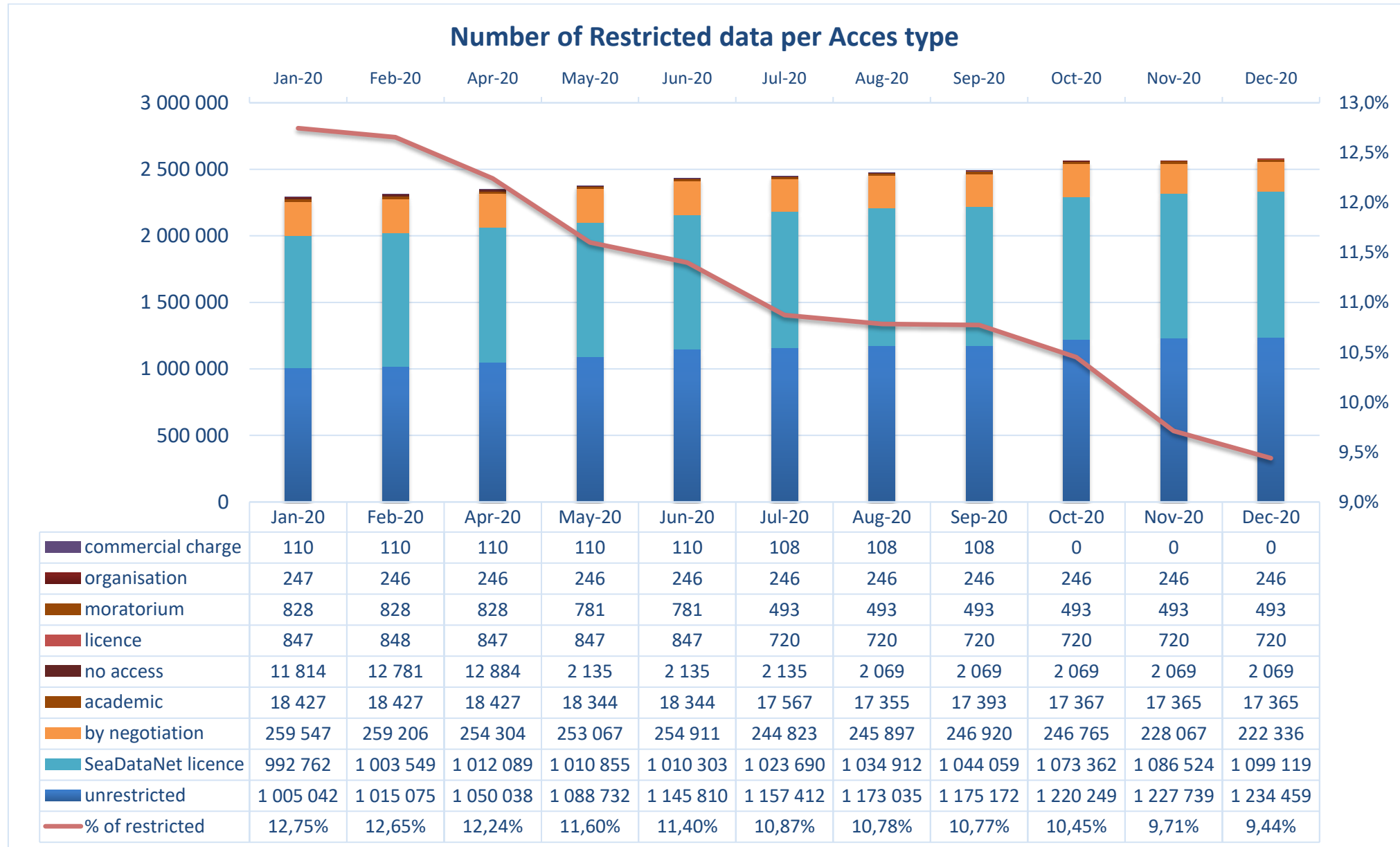
### Custodians with 4 000 < CDI entries < 10 000





## CDIs number per acces type

Since January, the number of CDIs with restricted access decrease from 291 820 CDIs to 243 229 CDIs : 48 591 less.



## Statistics on CSR harvesting

The CSR automatic harvesting result for this month is 488 new records and 758 updates.

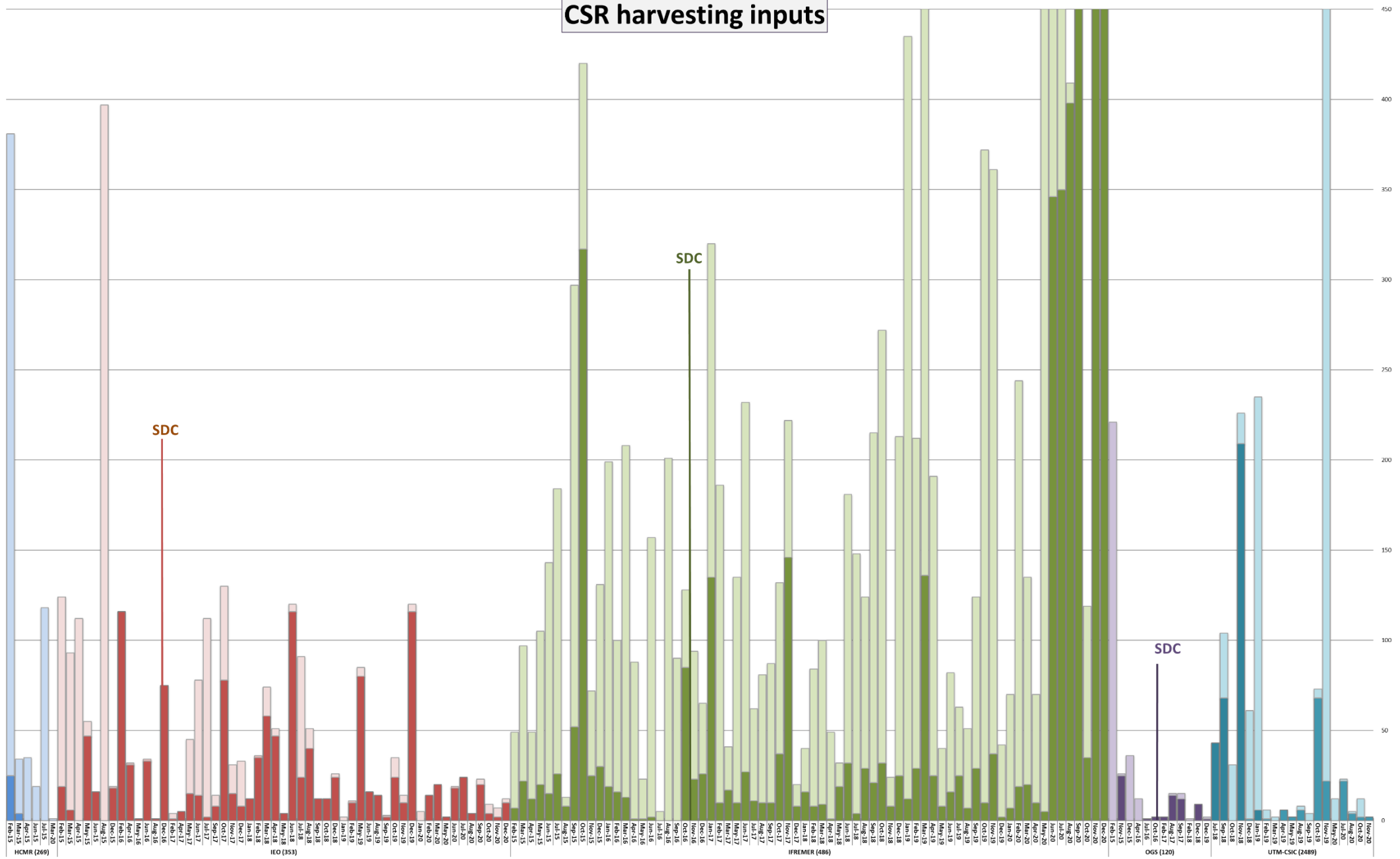
Details of harvesting per centre are the following:

Centre	Date	New	Update
IFREMER (486)	01/12/2020	423	16
IEO (353)	08/12/2020	2	
IEO (353)	15/12/2020	8	2
IFREMER (486)	15/12/2020	51	643
IFREMER (486)	22/12/2020	4	97
<b>Total</b>		<b>488</b>	<b>758</b>

OGS, UTM-CSIC and HCMR had no CSR creations or updates during this month.

The graph below shows the CSR harvesting inputs since beginning of 2015:

# CSR harvesting inputs



updates new

## History

### Global counts on all catalogues in 2019

Catalogue	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
EDMO	4 105	4 110	4 117	4 131	4 138	4 177	4 181	4 190	4 195	4 211	4 227	4 234
EDMED	4 198	4 198	4 203	4 205	4 207	4 205	4 205	4 206	4 209	4 210	4 213	4 223
EDMERP	3 125	3 128	3 133	3 133	3 135	3 138	3 144	3 144	3 149	3 159	3 163	3 164
EDIOS-PRG	363	363	363	363	363	363	363	363	367	367	367	367
CSR	56 877	56 943	57 089	57 148	57 267	57 331	57 437	57 474	57 537	57 637	57 749	57 866
CDI	2 289 929	2 294 771	2 299 924	2 302 286	2 306 093	2 316 223	2 316 610	2 316 610	2 316 610	2 281 710	2 283 087	2 288 566

### Global counts on all catalogues in 2018

Catalogue	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
EDMO	3 927	3 931	3 940	3 952	3 968	3 981	3 997	3 999	4 010	4 021	4 068	4 078
EDMED	4 154	4 158	4 162	4 166	4 166	4 170	4 173	4 189	4 191	4 182	4 187	4 187
EDMERP	3 042	3 048	3 051	3 054	3 058	3 062	3 068	3 071	3 073	3 083	3 105	3 106
EDIOS-PRG	362	362	362	362	362	362	363	363	363	363	363	363
CSR	55 399	55 485	55 630	55 709	55 783	55 937	55 982	56 085	56 316	56 436	56 694	56 783
CDI	2 101 090	2 106 680	2 110 688	2 122 824	2 137 067	2 146 266	2 148 856	2 152 074	2 159 216	2 262 108	2 276 264	2 283 986

## Global counts on all catalogues in 2017

Catalogue	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
<b>EDMO</b>	3 802	3 812	3 826	3 832	3 838	3 869	3 880	3 886	3 891	3 899	3 915	3 920
<b>EDMED</b>	4 082	4 085	4 084	4 096	4 099	4 101	4 101	4 108	4 131	4 135	4 142	4 149
<b>EDMERP</b>	2 981	2 988	2 990	2 990	2 992	2 993	3 000	3 016	3 018	3 020	3 026	3 036
<b>EDIOS-PRG</b>	362	362	362	362	362	362	362	362	362	362	362	362
<b>CSR</b>	53 850	53 892	53 974	54 175	54 218	54 217	54 250	54 387	54 795	54 949	55 052	55 178
<b>CDI</b>	1 947 452	1 949 991	1 955 483	1 968 060	1 971 285	1 974 509	1 977 738	1 980 818	2 000 402	2 063 832	2 081 618	2 093 605

## Global counts on all catalogues in 2016

Catalogue	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
<b>EDMO</b>	3 671	3 670	3 686	3 691	3 695	3 712	3 730	3 733	3 747	3 758	3 775	3 791
<b>EDMED</b>	4 060	4 066	4 007	4 061	4 062	4 067	4 069	4 074	4 076	4 077	4 077	4 077
<b>EDMERP</b>	2 903	2 961	2 961	2 961	2 966	2 971	2 971	2 974	2 975	2 975	2 975	2 979
<b>EDIOS-PRG</b>	362	362	362	362	362	362	362	362	362	362	362	362
<b>CSR</b>	54 182	54 339	54 422	55 100	55 119	55 178	55 216	55 238	55 264	53 484	53 537	53 669
<b>CDI</b>	1 813 947	1 819 492	1 824 402	1 825 957	1 844 660	1 854 787	1 858 162	1 864 378	1 869 790	1 873 823	1 884 034	1 936 759

## Global counts on all catalogues in 2015

Catalogue	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
EDMO	3 210	3 223	3 275	3 324	3 422	3 532	3 556	3 564	3 583	3 619	3 639	3 659
EDMED	3 980	3 982	3 984	3 984	3 990	3 992	4 014	4 034	4 053	4 055	4 054	4 060
EDMERP	2 858	2 866	2 878	2 878	2 886	2 898	2 900	2 900	2 901	2 903	2 903	2 903
EDIOS-PRG	360	360	361	361	361	361	361	361	362	362	362	362
CSR	52 977	53 028	53 238	53 304	53 400	53 463	53 553	53 602	53 836	53 938	54 057	54 135
CDI	1 714 285	1 721 708	1 721 604	1 720 724	1 709 958	1 764 762	1 767 715	1 779 199	1 784 327	1 796 791	1 800 648	1 809 541

## Global counts on all catalogues in 2014

Catalogue	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
EDMO	2 451	2 467	2 651	2 685	2 688	2 692	2 693	2 701	2 875	3 103	3 199	3 212
EDMED	3 944	3 945	3 945	3 947	3 948	3 955	3 957	3 960	3 961	3 962	3 963	3 965
EDMERP	2 787	2 808	2 830	2 832	2 834	2 837	2 841	2 844	2 847	2 849	2 850	2 857
EDIOS-PRG	359	360	360	360	360	360	360	360	360	360	360	360
CSR	51 724	51 788	51 941	52 012	52 012	52 151	52 190	52 506	52 566	52 603	52 650	52 657
CDI	1 498 793	1 537 556	1 558 428	1 566 528	1 569 847	1 575 035	1 604 916	1 612 514	1 621 749	1 626 904	1 631 984	1 662 548

## Global counts on all catalogues in 2012/2013

Catalogue	Sept-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
EDMO	2 261	2 283	2 296	2 304	2 330	2 351	2 359	2 362	2 370	2 384	2 404	2 404	2 423	2 431
EDMED	3 834	3 834	3 834	3 834	3 834	3 834	3 882	3 885	3 885	3 889	3 901	3 901	3 925	3 944
EDMERP	2 617	2 637	2 667	2 674	2 683	2 684	2 685	2 686	2 690	2 698	2 710	2 710	2 772	2 772
EDIOS-PRG	350	350	350	350	353	353	353	353	354	356	358	359	359	359
CSR	48 824	48 975	49 326	49 750	50 917	51 033	51 276	51 647	50 973	51 181	51 207	51 259	51 588	51 730
CDI	1 088 322	1 097 399	1 241 010	1 267 669	1 274 982	1 291 491	1 302 629	1 311 827	1 317 191	1 350 455	1 356 245	1 360 236	1 386 446	1 496 950



