

# February 2018 – 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 February 2018, global increases on catalogues :

- **CDI (Data)** : +5 590,
- **CSR (Cruises)** : +86,
- **EDMO (Marine organisations)** : +4,
- **EDMERP (Projects)** : +6,
- **EDMED (Data sets)** : +4

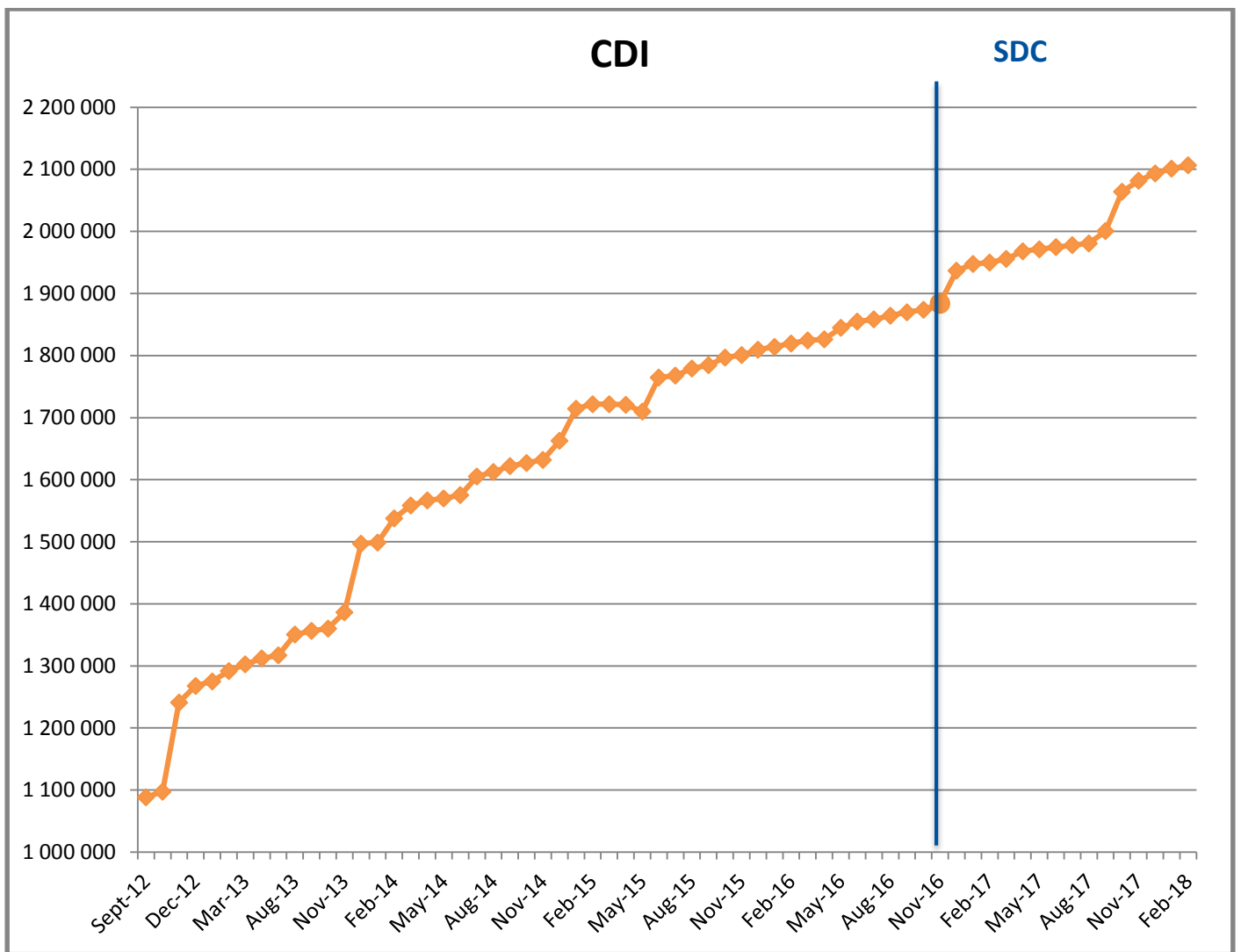
and no change for **EDIOS-PRG (Programmes)**.

## Since the beginning of SeaDataCloud :

| Catalogue        | Feb-18           | Jan-18    | Dec-17    | Nov-17    | Oct-17    | Sep-17    | Aug-17    | Jul-17    | Jun-17    | May-17    | Apr-17    | Beginning        | Increase*      |
|------------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|----------------|
| <b>EDMO</b>      | <b>3 931</b>     | 3 927     | 3 920     | 3 915     | 3 899     | 3 891     | 3 886     | 3 880     | 3 869     | 3 838     | 3 832     | <b>3 758</b>     | <b>173</b>     |
| <b>EDMED</b>     | <b>4 158</b>     | 4 154     | 4 149     | 4 142     | 4 135     | 4 131     | 4 108     | 4 101     | 4 101     | 4 099     | 4 096     | <b>4 077</b>     | <b>81</b>      |
| <b>EDMERP</b>    | <b>3 048</b>     | 3 042     | 3 036     | 3 026     | 3 020     | 3 018     | 3 016     | 3 000     | 2 993     | 2 992     | 2 990     | <b>2 975</b>     | <b>73</b>      |
| <b>EDIOS-PRG</b> | <b>362</b>       | 362       | 362       | 362       | 362       | 362       | 362       | 362       | 362       | 362       | 362       | <b>362</b>       | <b>0</b>       |
| <b>CSR</b>       | <b>55 485</b>    | 55 399    | 55 178    | 55 052    | 54 949    | 54 795    | 54 387    | 54 250    | 54 217    | 54 218    | 54 175    | <b>53 484</b>    | <b>2 001</b>   |
| <b>CDI</b>       | <b>2 106 680</b> | 2 101 090 | 2 093 605 | 2 081 618 | 2 063 832 | 2 000 402 | 1 980 818 | 1 977 738 | 1 974 509 | 1 971 285 | 1 968 060 | <b>1 873 823</b> | <b>232 857</b> |

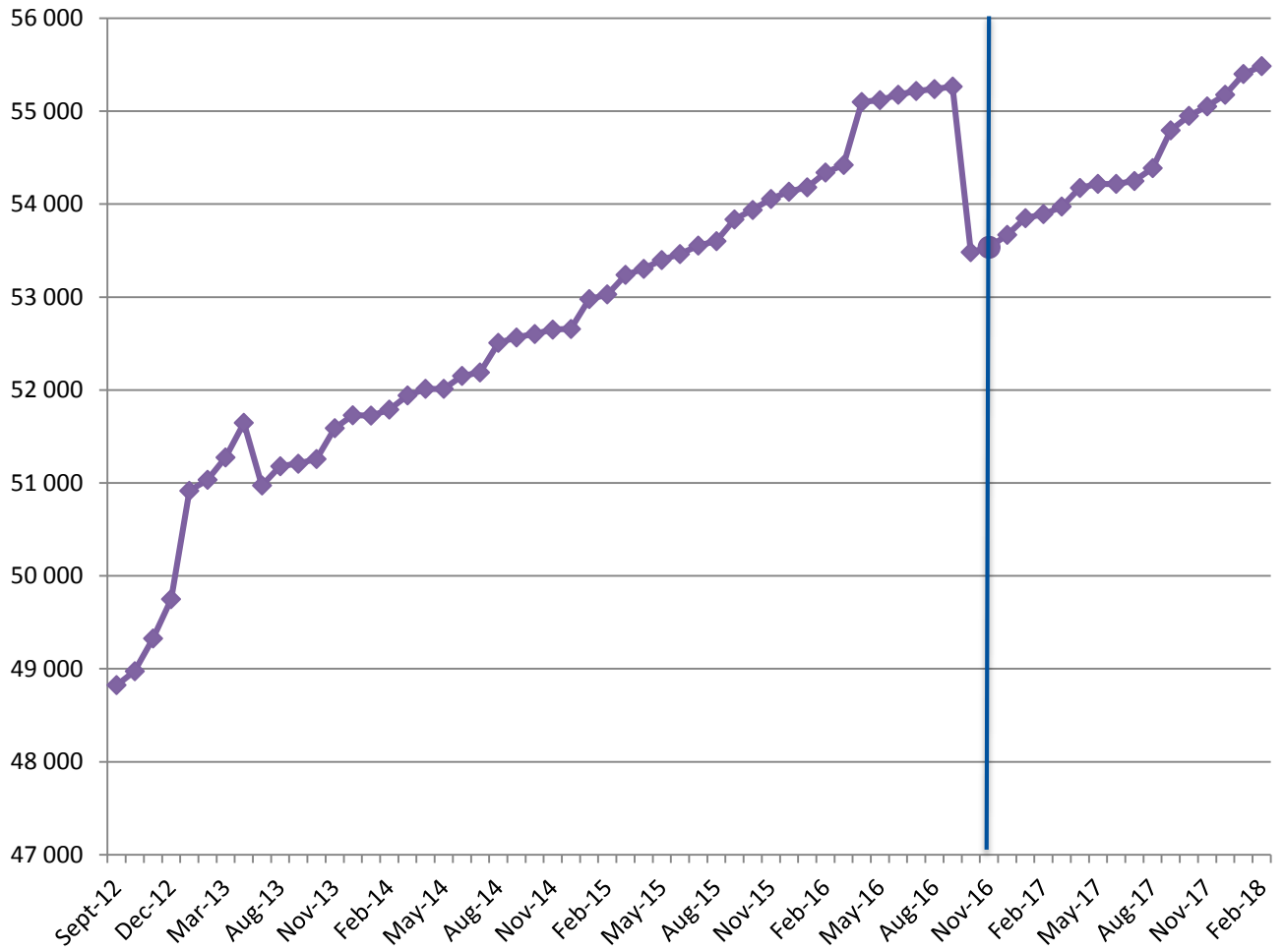
(\*) Increase since beginning of SeaDataCloud (01/11/2016)

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



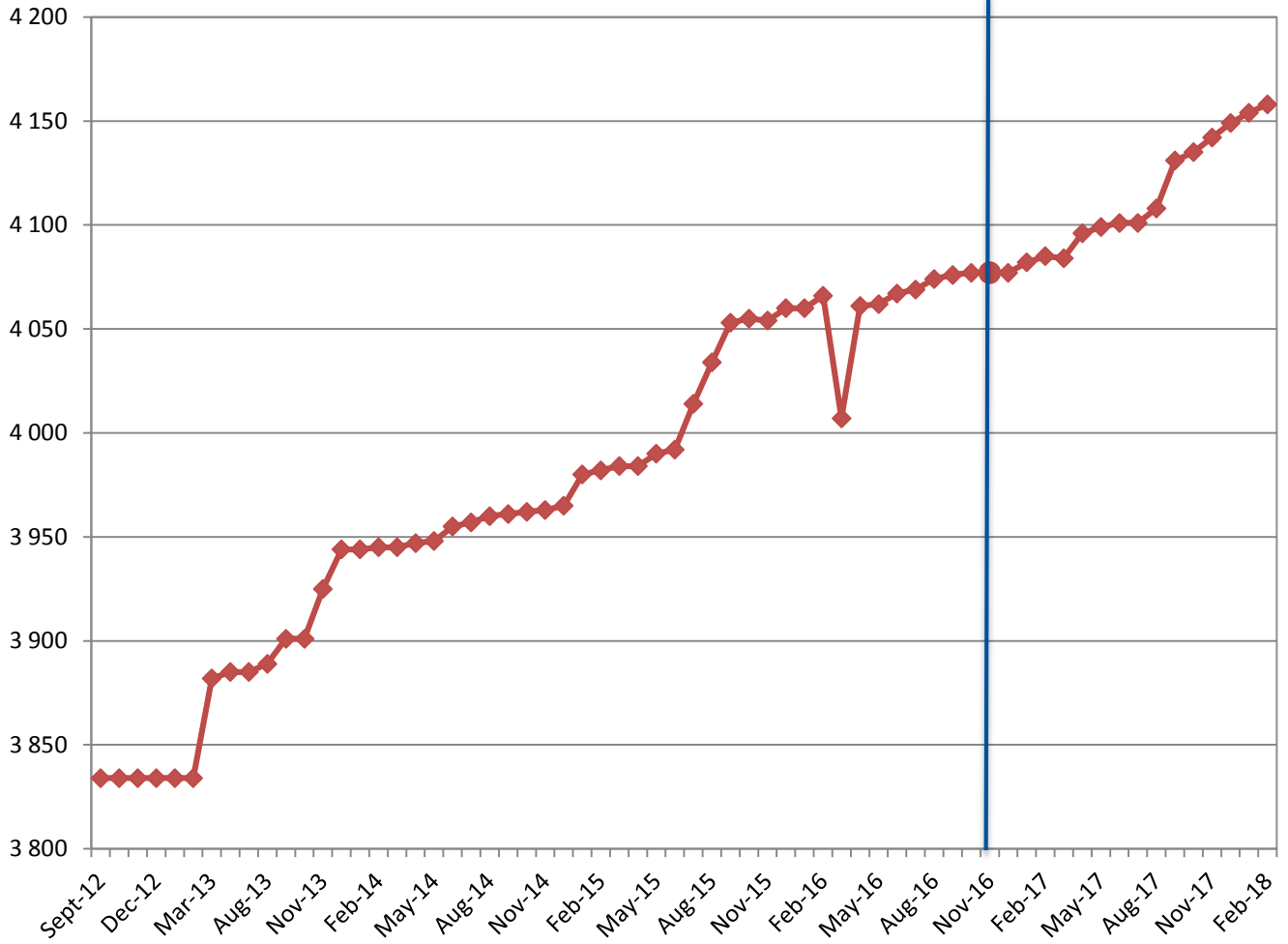
CSR

SDC



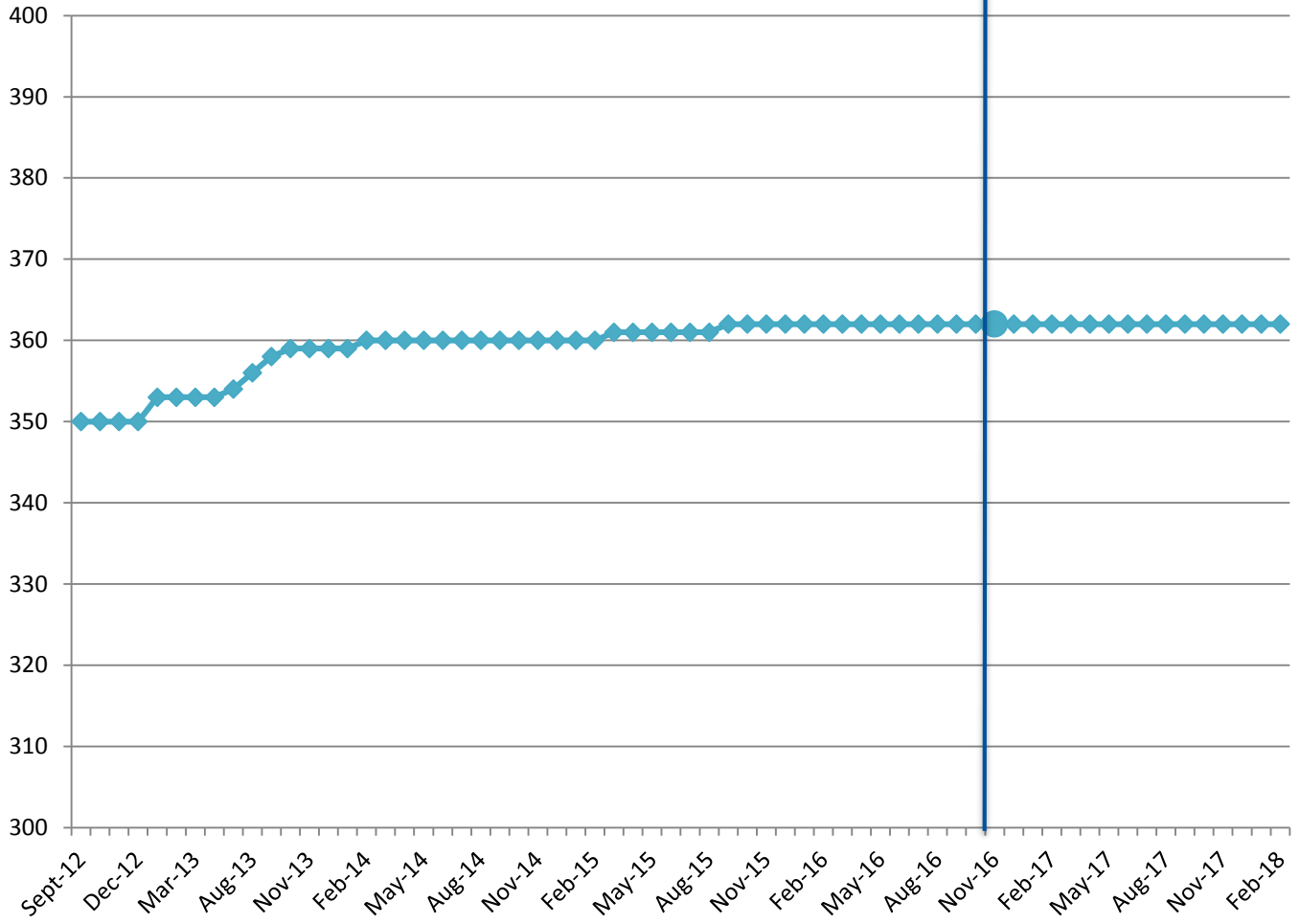
EDMED

SDC



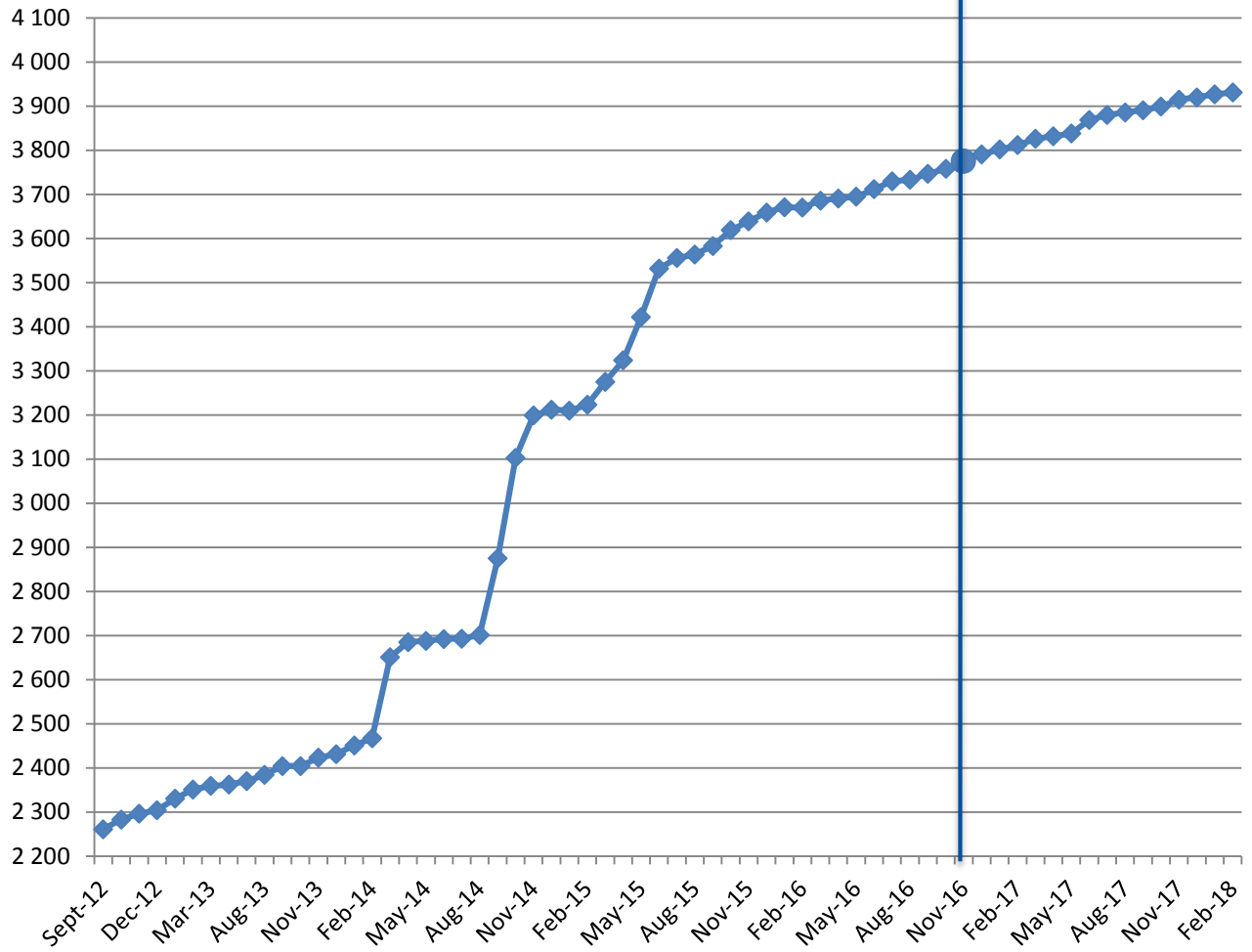
# EDIOS-PRG

SDC



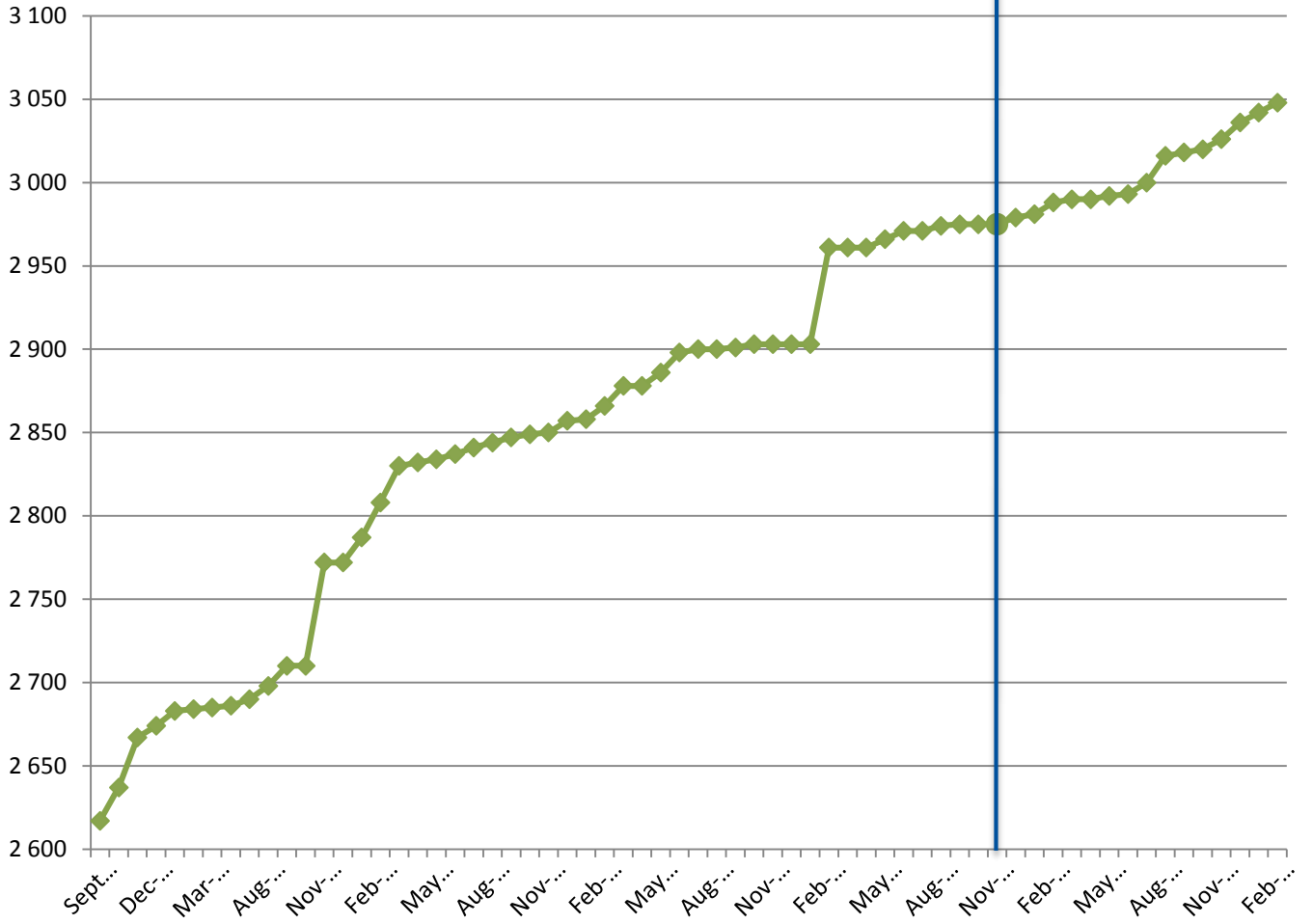
EDMO

SDC



# EDMERP

SDC



## Statistics on CDI catalogue

Details of last month upgrades per partners are the following:

| CDI partner  | Country            | Last increase |
|--------------|--------------------|---------------|
| CNRS/MIO     | France             | 1             |
| IEO          | Spain              | 794           |
| IFREMER      | France             | 2 357         |
| IHPT         | Portugal           | 12            |
| LHEI         | Latvia             | 133           |
| NIMRD        | Romania            | 3             |
| NIOZ         | Netherlands        | 139           |
| RIHMI-WDC    | Russian Federation | 2 057         |
| SHOM         | France             | 2             |
| <b>TOTAL</b> |                    | <b>5 498</b>  |

- 9 SeaDataCloud partners have input data in the CDI catalogue, for a total increase of **+5 498 records**, including a new SDC partner :
  - CNRS - Mediterranean Institute of Oceanography - LUMINY (MIO) - UMR 7294 / 235 / 110, EDMO 3078, France.
- 5 other partners, not in the SeaDataCloud consortium, have worked for a increase of **+92 records**, including a new partner which belongs to EMODnet project :
  - Stockholm University, Department of Geological Sciences, EDMO 2210, Sweden

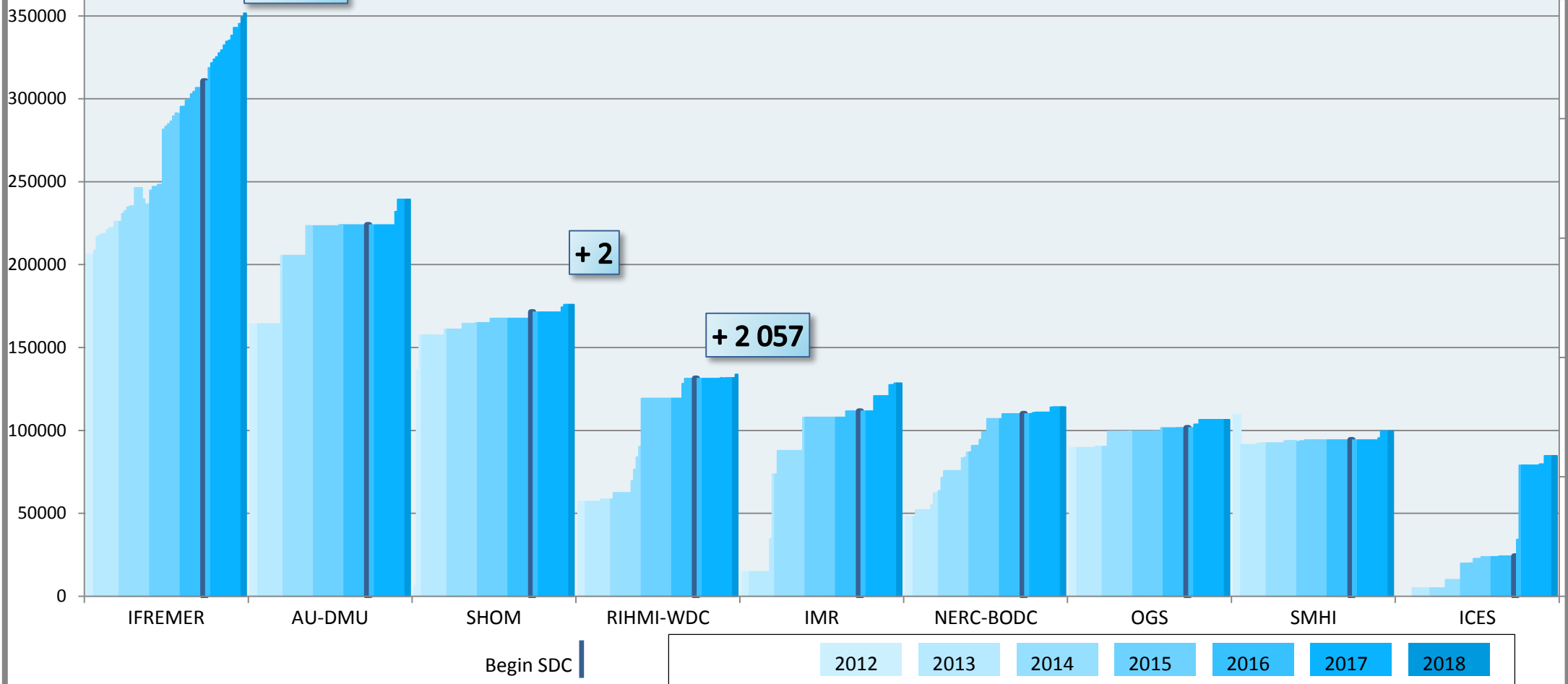


Since the beginning of the follow-up reports (October 2012), the increase in CDI since start SDC (November 2016), between end SDN2 (September 2015) and start SDC, increase since SDN2, per partner, is the following: Note that for SMHI and SIO-RAS the negative increase since start SDN2 is due to the change 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<br>02/03/2018 | Increase<br>since start<br>SDC | Increase<br>between<br>SDN2 and<br>SDC | Increase since<br>start SDN2 |
|-----------------------|---|--------------------|------------------|--------------------------------|--|------------------------------|
| <b>GEOMAR</b>         | Helmholtz Centre for Ocean Research Kiel                          | Germany            | 0                | 0                              | 0                                      | -                            |
| <b>IOPAN</b>          | IOPAN   | Poland             | 18               | 0                              | 0                                      | 18                           |
| <b>ORION / OC-UCY</b> | Cyprus Oceanography Center  | Cyprus             | 3 520            | 0                              | 19                                     | 1 965                        |
| <b>IMGW</b>           | Instytut Meteorologii i Gosodarki Wodnej                          | Poland             | 13 110           | 0                              | 1 770                                  | 13 110                       |
| <b>INSTM</b>          | Institut National des Sciences et Technologies de la Mer          | Tunisia            | 952              | -17                            | 0                                      | 952                          |
| <b>CSIC</b>           | Consejo Superior de Investigaciones Cientificas                   | Spain              | 4                | -1                             | 1                                      | 4                            |
| <b>CNRS/MIO</b>       | CNRS/Mediterranean Institute of Oceanography - LUMINY (MIO)       | France             | 1                | 1                              | 0                                      | 1                            |
| <b>IOLR</b>           | Israel Oceanographic and Limnological Research (IOLR)             | Israel             | 5 734            | 2                              | 333                                    | 661                          |
| <b>SIO-RAS</b>        | P.P.Shirshov Institute of Oceanology-RAS                          | Russian Federation | 10 471           | 30                             | 482                                    | -28 352                      |
| <b>TSU-DNA</b>        | Iv.Javakhishvili Tbilisi State University                         | Georgia            | 1 017            | 65                             | 34                                     | 122                          |
| <b>IOF</b>            | Institute of Oceanography and Fisheries                           | Croatia            | 2 320            | 87                             | 490                                    | 744                          |
| <b>UOM</b>            | University Of Malta   | Malta              | 1 121            | 96                             | 393                                    | 493                          |
| <b>IHPT</b>           | IHPT, Hydrographic institute                                      | Portugal           | 6 434            | 101                            | 1 713                                  | 5 529                        |
| <b>VLIZ</b>           | Flanders Marine Institute   | Belgium            | 3 683            | 111                            | 74                                     | 2 064                        |
| <b>IMBK</b>           | Institute of Marine Biology (IMBK)                                | Montenegro         | 887              | 181                            | 647                                    | 865                          |
| <b>ENEA</b>           | ENEA Centro Ricerche Ambiente Marino - La Spezia                  | Italy              | 9 279            | 190                            | 284                                    | 1 205                        |
| <b>NIOZ</b>           | NIOZ Royal Netherlands Institute for Sea Research                 | Netherlands        | 6 329            | 199                            | 46                                     | 1 700                        |
| <b>CNR</b>            | CNR - Institute of Atmospheric Sciences and Climate (ISAC) (Rome) | Italy              | 552              | 299                            | 0                                      | 552                          |
| <b>NIB</b>            | National Institute of Biology - NIBMarine Biology Station         | Slovenia           | 8 087            | 425                            | 287                                    | 3 967                        |
| <b>IO-BAS</b>         | Bulgarian National Oceanographic Data Centre(BGODC)               | Bulgaria           | 3 948            | 469                            | 273                                    | 1 640                        |
| <b>UkrSCES</b>        | Ukrainian scientific center of Ecology of Sea (UkrSCES)           | Ukraine            | 6 114            | 470                            | 267                                    | 6 114                        |
| <b>METU-IMS</b>       | Institute of Marine Sciences, Middle East Technical University    | Turkey             | 28 513           | 496                            | 2 222                                  | 25 431                       |
| <b>LHEI</b>           | Latvian Institute of Aquatic Ecology                              | Latvia             | 4 180            | 696                            | 536                                    | 3 873                        |
| <b>BSH-DOD</b>        | German Oceanographic Datacentre (NODC)                            | Germany            | 40 195           | 748                            | 465                                    | 22 917                       |
| <b>MSI</b>            | Marine Systems Institute at Tallinn University of Technology      | Estonia            | 27 374           | 900                            | -3                                     | 14 377                       |
| <b>RBINS</b>          | Royal Belgian Institute of Natural Sciences                       | Belgium            | 13 596           | 1 267                          | 0                                      | 2 063                        |

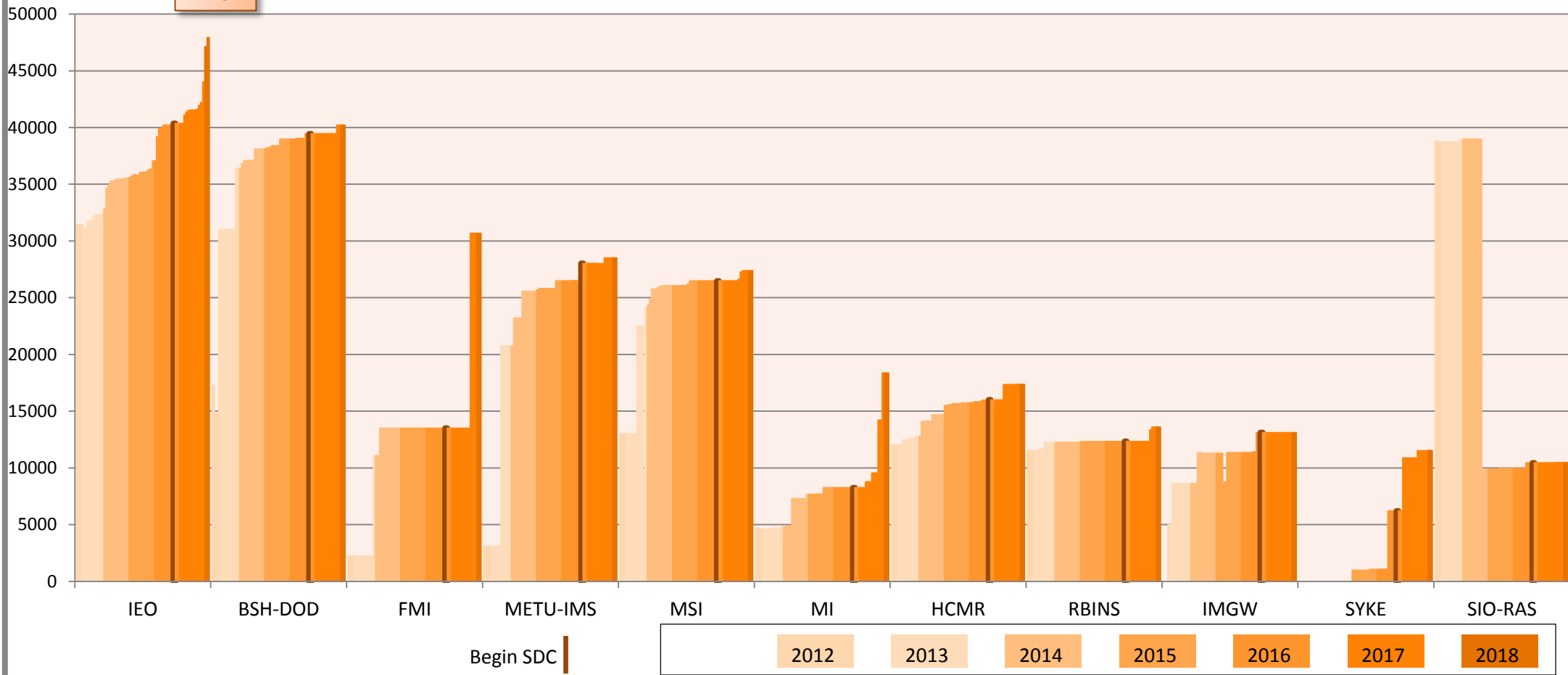
|                  |  |                    |                  |                |               |                |
|------------------|--|--------------------|------------------|----------------|---------------|----------------|
| <b>HCMR</b>      | Hellenic Centre for Marine Research  | Greece             | 17 348           | 1 359          | 260           | 5 324          |
| <b>NIMRD</b>     | National Institute for Marine Research and Development Grigore Antipa                | Romania            | 8 259            | 1 369          | 602           | 4 005          |
| <b>MRI</b>       | Marine Research Institute (MRI)  | Iceland            | 7 911            | 1 997          | 0             | 4 087          |
| <b>RIHMI-WDC</b> | All-Russia Research Institute of Hydrometeorological Information - World Data Centre | Russian Federation | 133 824          | 2 492          | 12 003        | 76 699         |
| <b>NERC-BODC</b> | British Oceanographic Data Centre  | United Kingdom     | 114 147          | 4 144          | 2 973         | 66 090         |
| <b>SHOM</b>      | Shom   | France             | 175 959          | 4 625          | 3 754         | 169 536        |
| <b>OGS</b>       | OGS (Istituto Nazionale di Oceanografia e di Geofisica Sperimentale)                 | Italy              | 106 488          | 4 941          | 1 922         | 16 890         |
| <b>SYKE</b>      | Finnish Environment Institute  | Finland            | 11 535           | 5 328          | 5 162         | 11 535         |
| <b>SMHI</b>      | Swedish Meteorological and Hydrological Institute                                    | Sweden             | 99 691           | 5 405          | 0             | -9 836         |
| <b>IEO</b>       | IEO/Spanish Oceanographic Institute  | Spain              | 47 913           | 7 557          | 4 265         | 16 498         |
| <b>MI</b>        | Marine Institute   | Ireland            | 18 356           | 10 107         | 0             | 13 655         |
| <b>AU-DMU</b>    | Aarhus University  | Denmark            | 239 319          | 15 364         | 609           | 75 165         |
| <b>IMR</b>       | Institute of Marine Research - Norwegian Marine Data Centre (NMD)                    | Norway             | 128 587          | 16 950         | 3 808         | 113 794        |
| <b>FMI</b>       | Finnish Meteorological Institute   | Finland            | 30 682           | 17 182         | 0             | 28 471         |
| <b>IFREMER</b>   | IFREMER / IDM/SISMER   | France             | 351 609          | 40 852         | 24 240        | 145 410        |
| <b>ICES</b>      | International Council for the Exploration of the Sea (ICES)                          | Denmark            | 84 722           | 60 551         | 369           | 84 722         |
|                  |  | <b>TOTAL</b>       | <b>1 773 789</b> | <b>207 038</b> | <b>70 300</b> | <b>904 060</b> |

## Partners with more than 50 000 CDIs

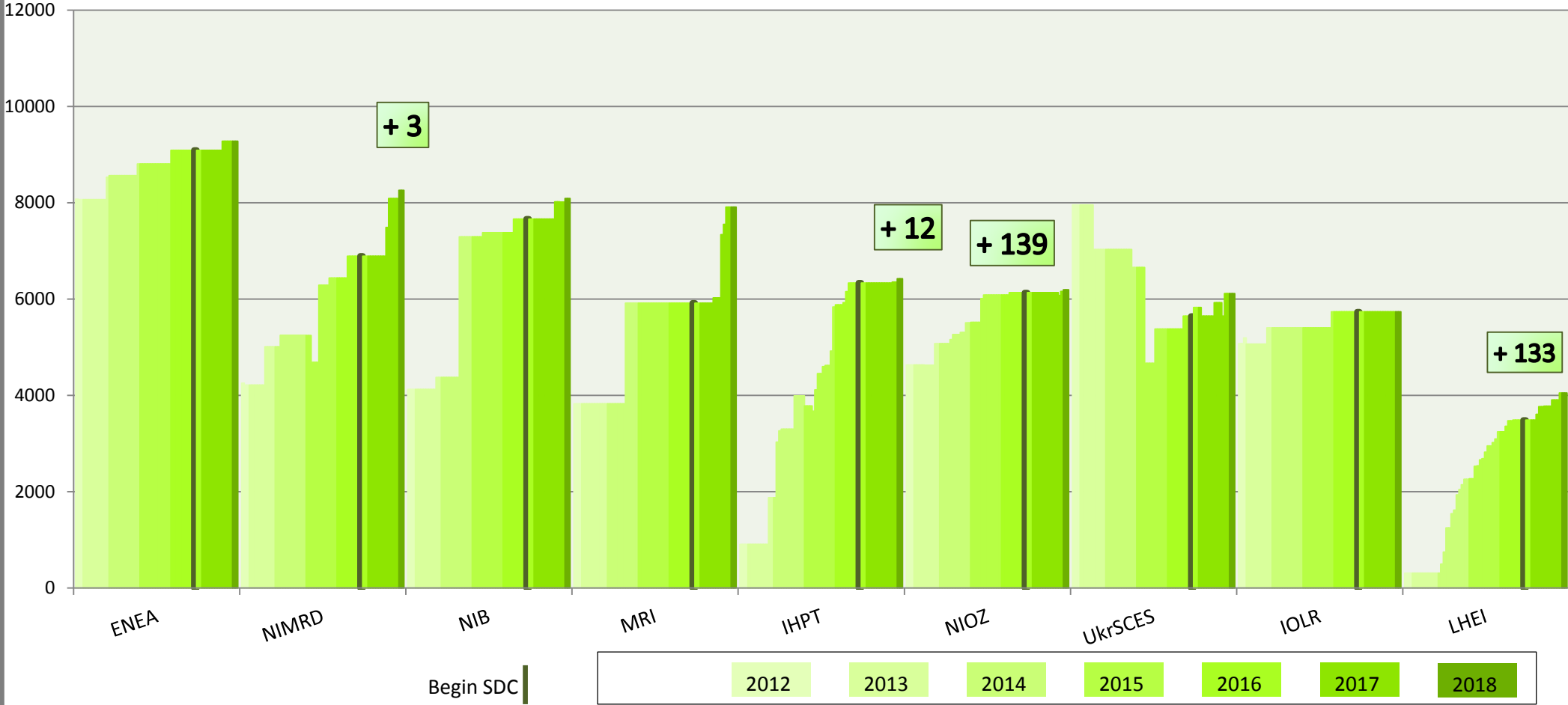


# Partners with 10 000 < CDIs < 50 000

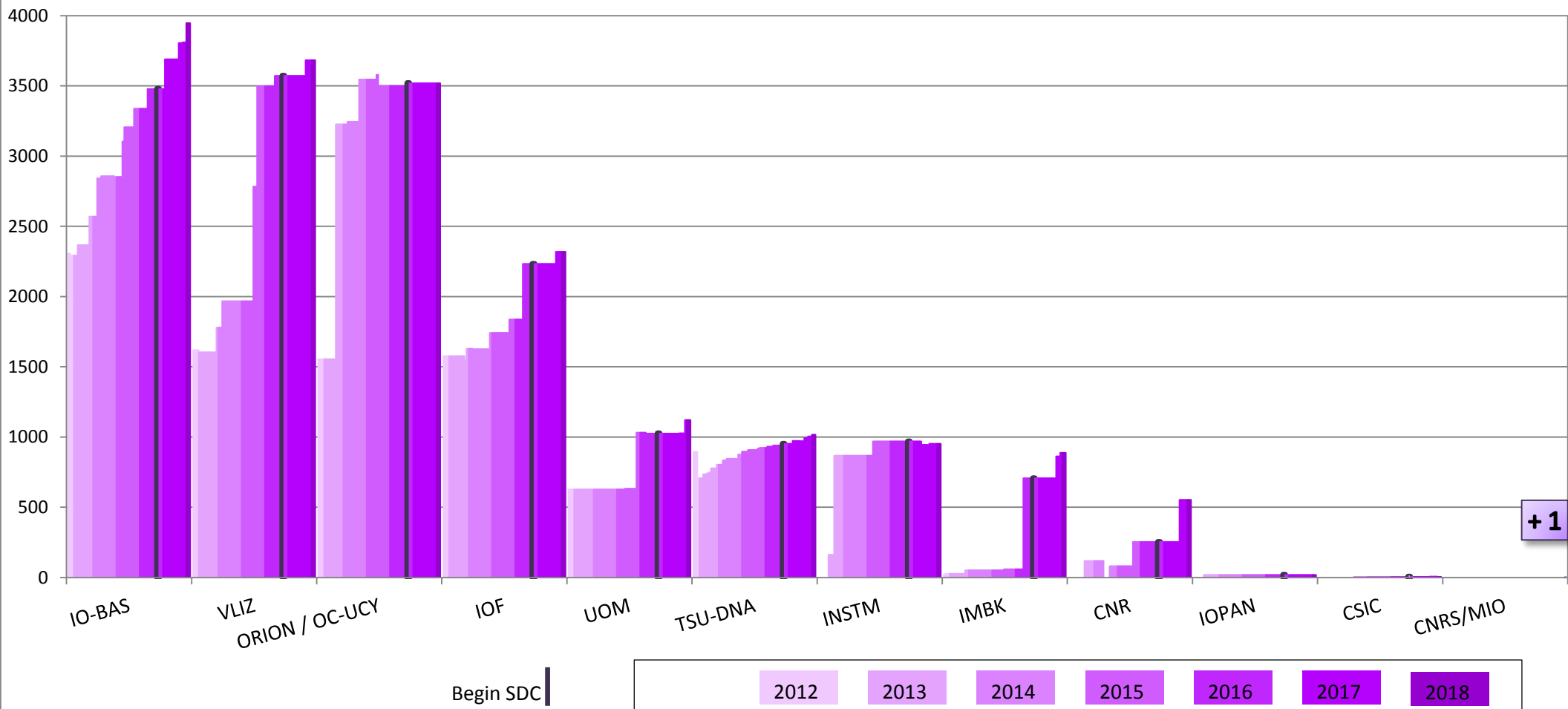
+ 794



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



## Partners with less than 4 000 CDI entries



## Statistics on CSR harvesting

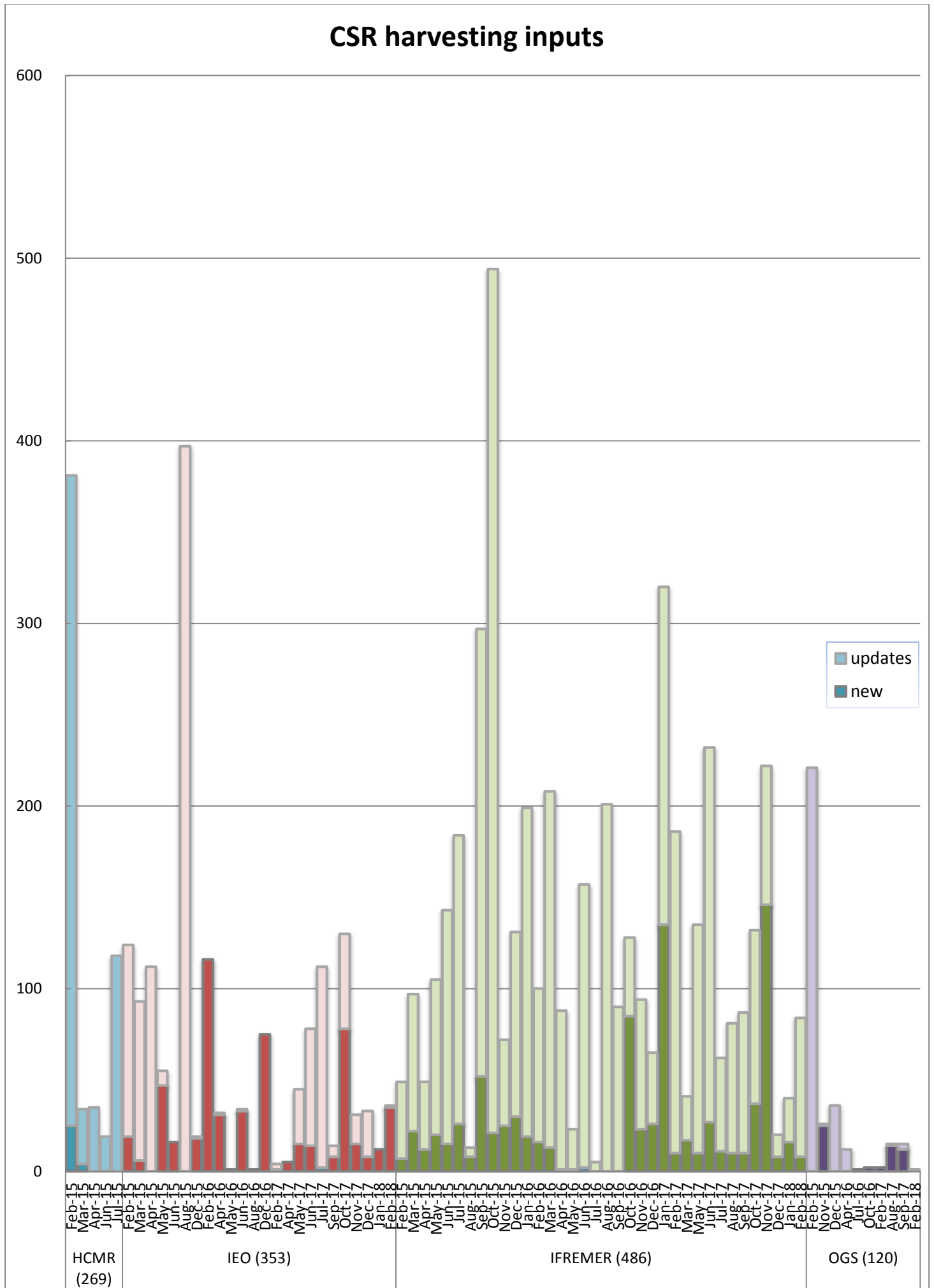
The CSR automatic harvesting result for this month is 43 new records and 78 updates .

Details of harvesting per centre are the following:

| Centre               | Date       | New       | Update    |
|----------------------|------------|-----------|-----------|
| <b>IEO (353)</b>     | 06/02/2018 | 1         | 1         |
| <b>IFREMER (486)</b> | 06/02/2018 | 2         | 12        |
| <b>OGS (120)</b>     | 06/02/2018 |           | 1         |
| <b>IEO (353)</b>     | 13/02/2018 | 1         |           |
| <b>IFREMER (486)</b> | 13/02/2018 | 2         | 43        |
| <b>IEO (353)</b>     | 20/02/2018 | 16        |           |
| <b>IFREMER (486)</b> | 20/02/2018 | 2         | 14        |
| <b>IEO (353)</b>     | 27/02/2018 | 17        |           |
| <b>IFREMER (486)</b> | 27/02/2018 | 2         | 7         |
| <b>Total</b>         |            | <b>43</b> | <b>78</b> |

HCMR has no CSR creations or updates during this month.

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





## History

### 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    |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| EDMO      | 3 802     | 3 812     | 3 826     | 3 832     | 3 838     | 3 869     | 3 880     | 3 886     | 3 891     | 3 899     | 3 915     | 3 920     |
| EDMED     | 4 082     | 4 085     | 4 084     | 4 096     | 4 099     | 4 101     | 4 101     | 4 108     | 4 131     | 4 135     | 4 142     | 4 149     |
| EDMERP    | 2 981     | 2 988     | 2 990     | 2 990     | 2 992     | 2 993     | 3 000     | 3 016     | 3 018     | 3 020     | 3 026     | 3 036     |
| EDIOS-PRG | 362       | 362       | 362       | 362       | 362       | 362       | 362       | 362       | 362       | 362       | 362       | 362       |
| CSR       | 53 850    | 53 892    | 53 974    | 54 175    | 54 218    | 54 217    | 54 250    | 54 387    | 54 795    | 54 949    | 55 052    | 55 178    |
| CDI       | 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    |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| EDMO      | 3 671     | 3 670     | 3 686     | 3 691     | 3 695     | 3 712     | 3 730     | 3 733     | 3 747     | 3 758     | 3 775     | 3 791     |
| EDMED     | 4 060     | 4 066     | 4 007     | 4 061     | 4 062     | 4 067     | 4 069     | 4 074     | 4 076     | 4 077     | 4 077     | 4 077     |
| EDMERP    | 2 903     | 2 961     | 2 961     | 2 961     | 2 966     | 2 971     | 2 971     | 2 974     | 2 975     | 2 975     | 2 975     | 2 979     |
| EDIOS-PRG | 362       | 362       | 362       | 362       | 362       | 362       | 362       | 362       | 362       | 362       | 362       | 362       |
| CSR       | 54 182    | 54 339    | 54 422    | 55 100    | 55 119    | 55 178    | 55 216    | 55 238    | 55 264    | 53 484    | 53 537    | 53 669    |
| CDI       | 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    |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>EDMO</b>      | 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     |
| <b>EDMED</b>     | 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     |
| <b>EDMERP</b>    | 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     |
| <b>EDIOS-PRG</b> | 350       | 350       | 350       | 350       | 353       | 353       | 353       | 353       | 354       | 356       | 358       | 359       | 359       | 359       |
| <b>CSR</b>       | 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    |
| <b>CDI</b>       | 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 |