



SeaDataCloud

WP5 – Metadata and data catalogues - Main overall results

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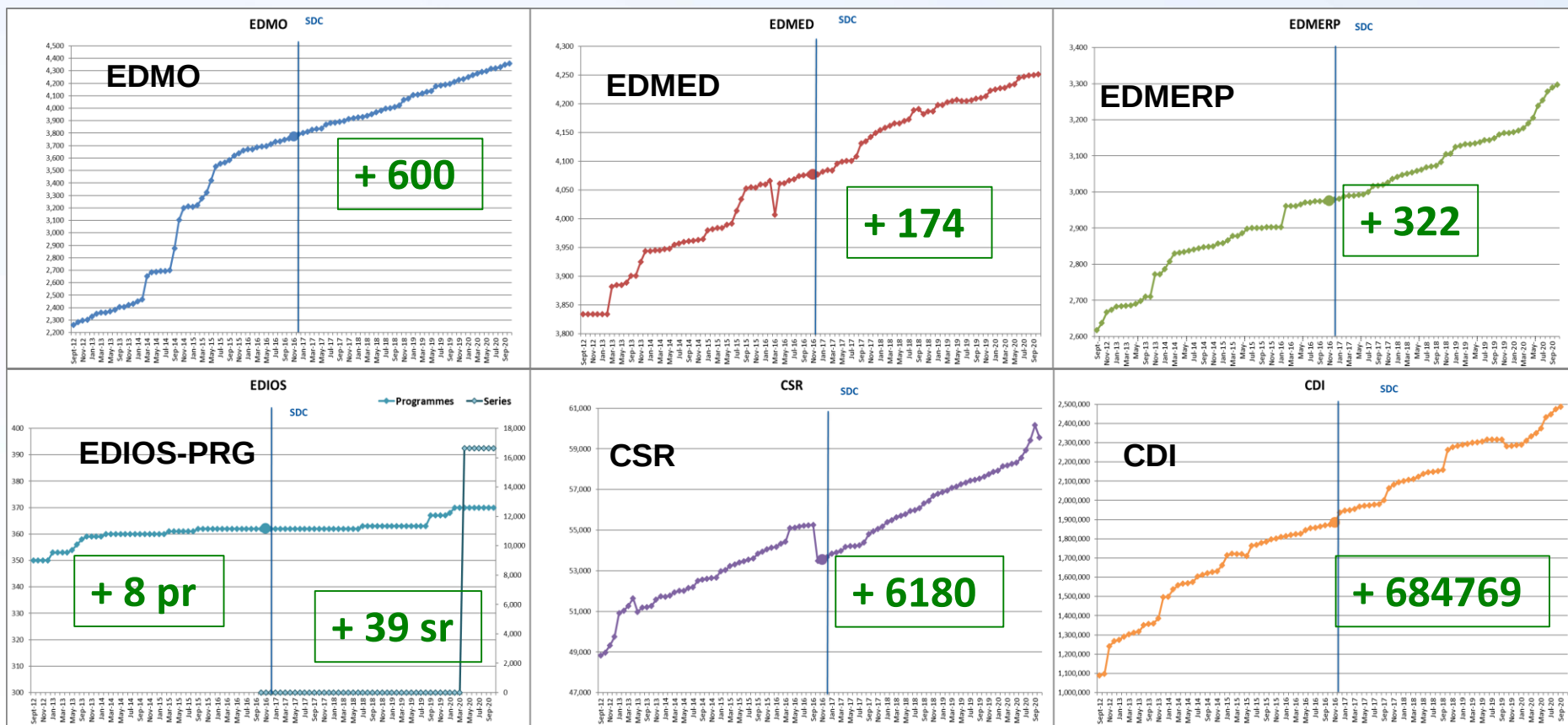
SeaDataCloud , Final Annual (web) Meeting, 29-30 October 2020

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Overall progress from all connected centres

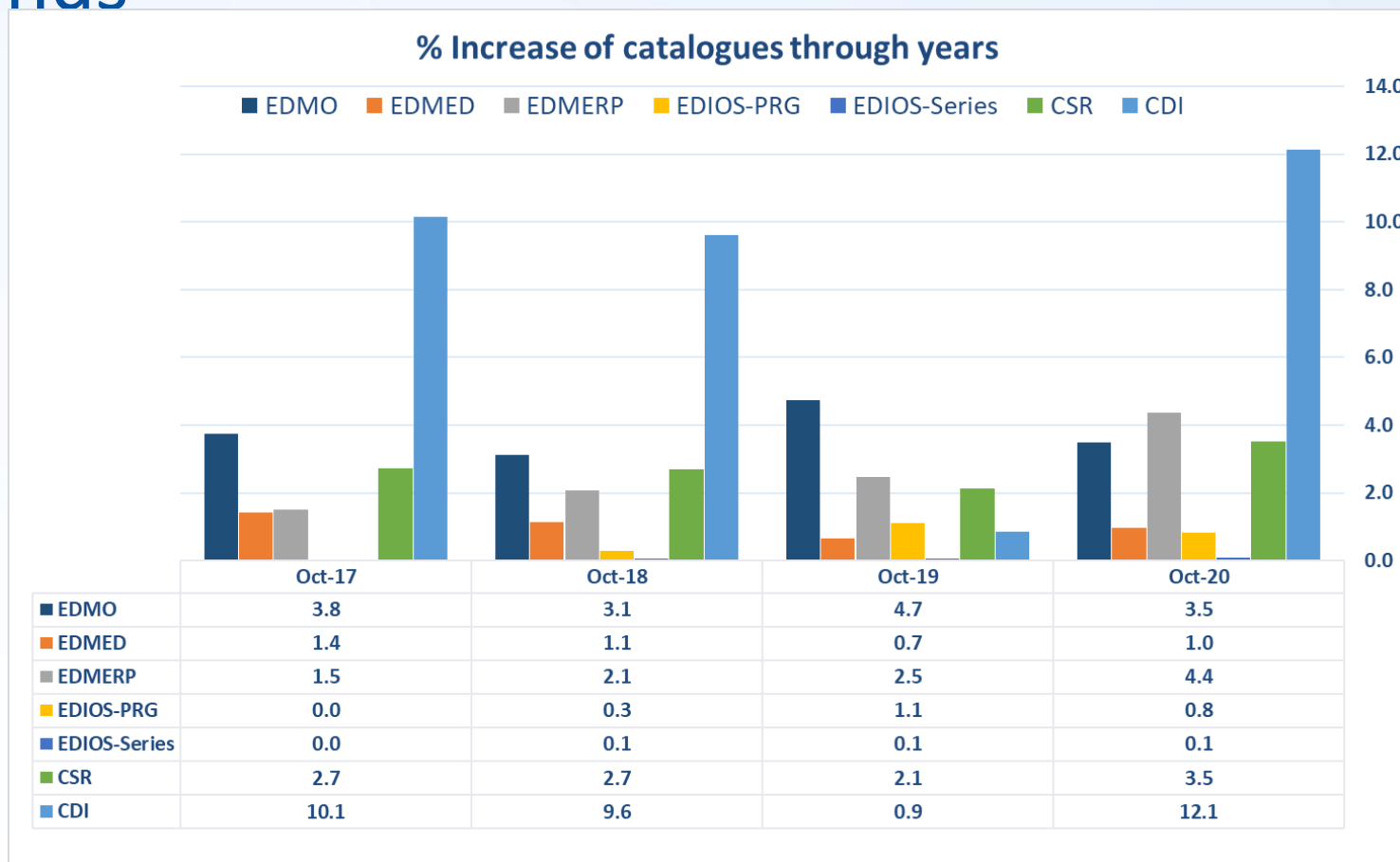
Catalogue	Oct-16	Year 1	Year 2	Year 3	Year 4	Increase since the start	% of total increase since the start
EDMO	3 758	3 899	4 021	4 211	4 358	+ 600	+ 16.0
EDMED	4 077	4 135	4 182	4 210	4 251	+ 174	+ 4.3
EDMERP	2 975	3 020	3 083	3 159	3 297	+ 322	+ 10.8
EDIOS-PRG	362	362	363	367	370	+ 8	+ 2.2
EDIOS-Series	16 613	16 613	16 623	16 635	16 652	+ 39	+ 0.2
CSR	53 484	54 949	56 436	57 637	59 664	+ 6 180	+ 11.6
CDI	1 873 823	2 063 832	2 262 108	2 281 710	2 558 592	+ 684 769	+ 36.5

Increasing trends in all catalogues



Monthly distributions of each catalogue since September 2012 (SDN2).
Blue lines denote the start of SDC Project.

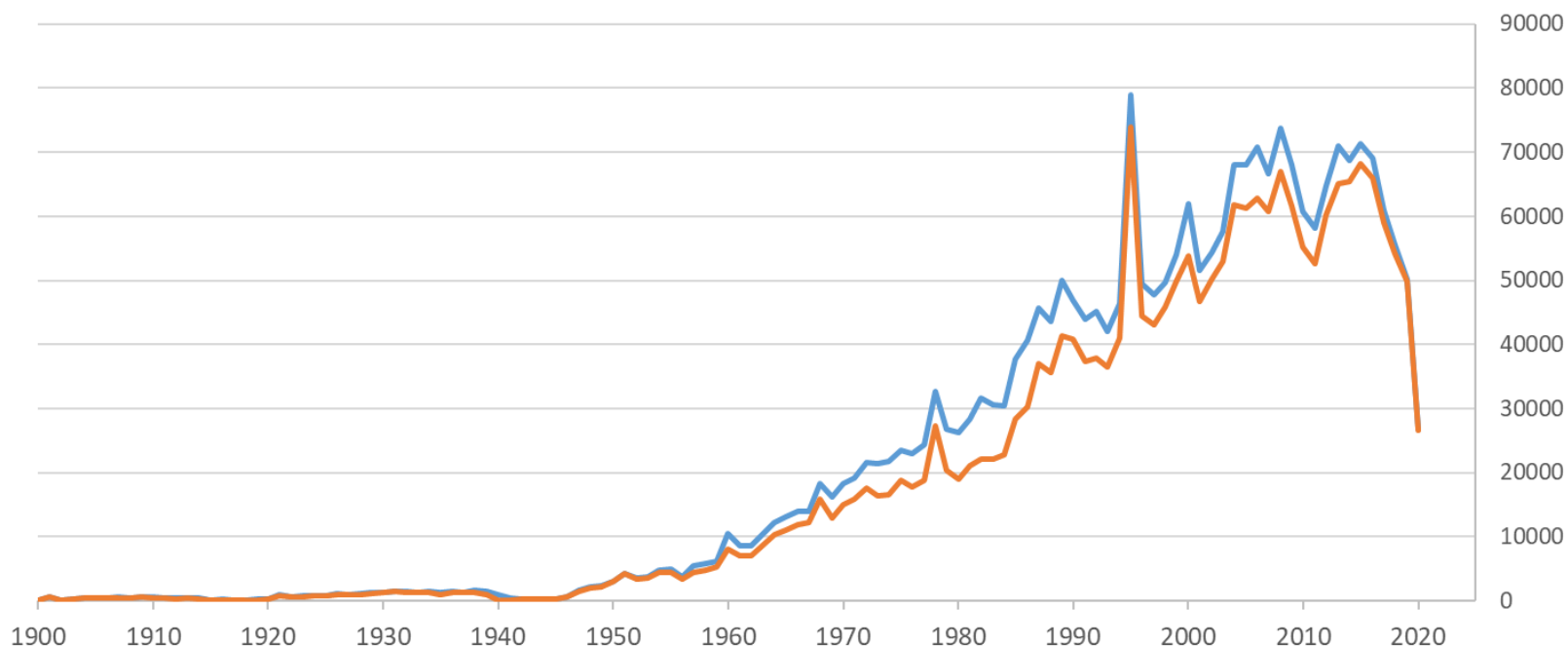
Annual comparison of catalogues increasing's trends





CDIs in years

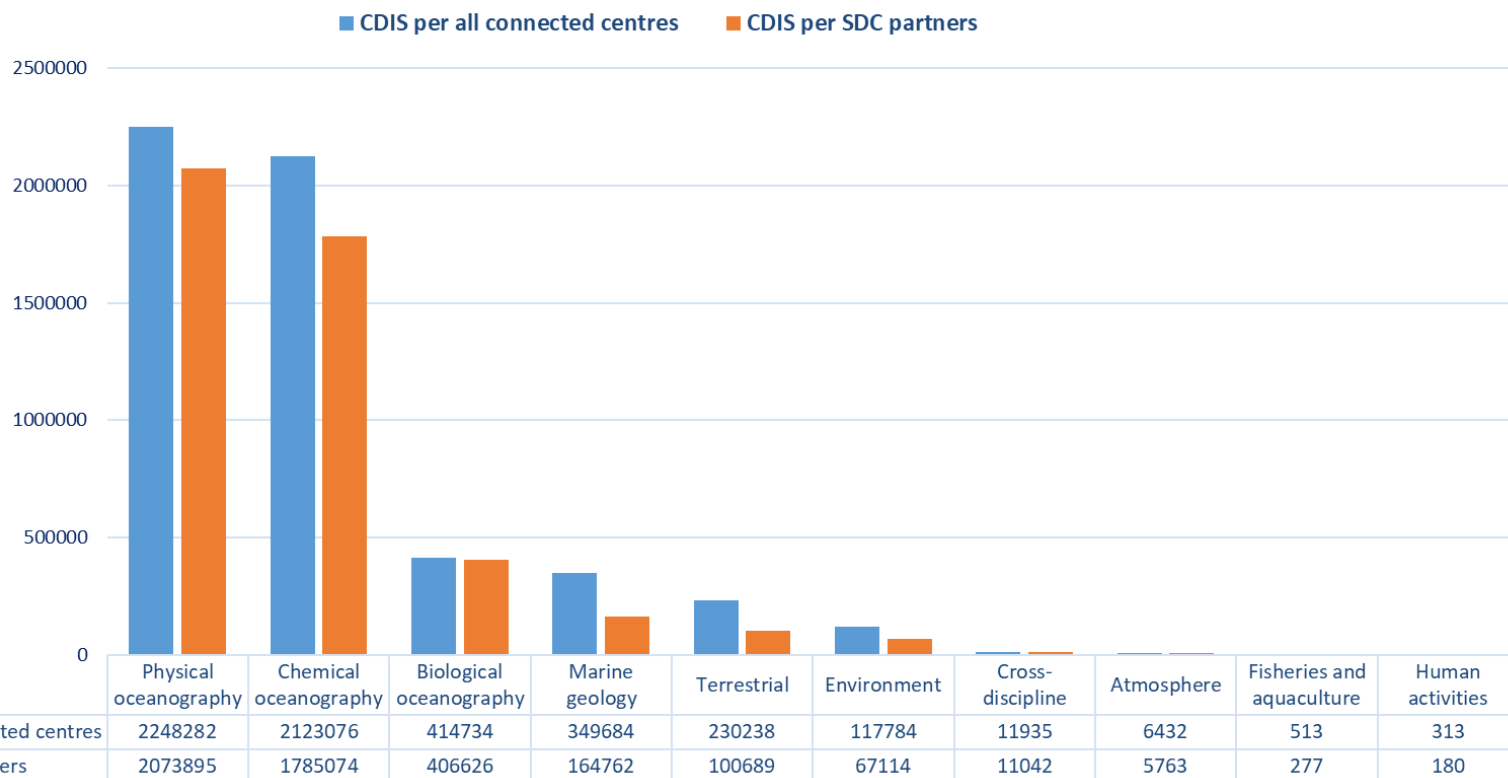
— CDIs from all connected centres — CDIs from SDC Partners



	Point of contacts	Data originators
SDC partners	43 (31 countries)	693 (53 countries)
All connected centres	114 (34 countries)	834 (53 countries)

Data Disciplines

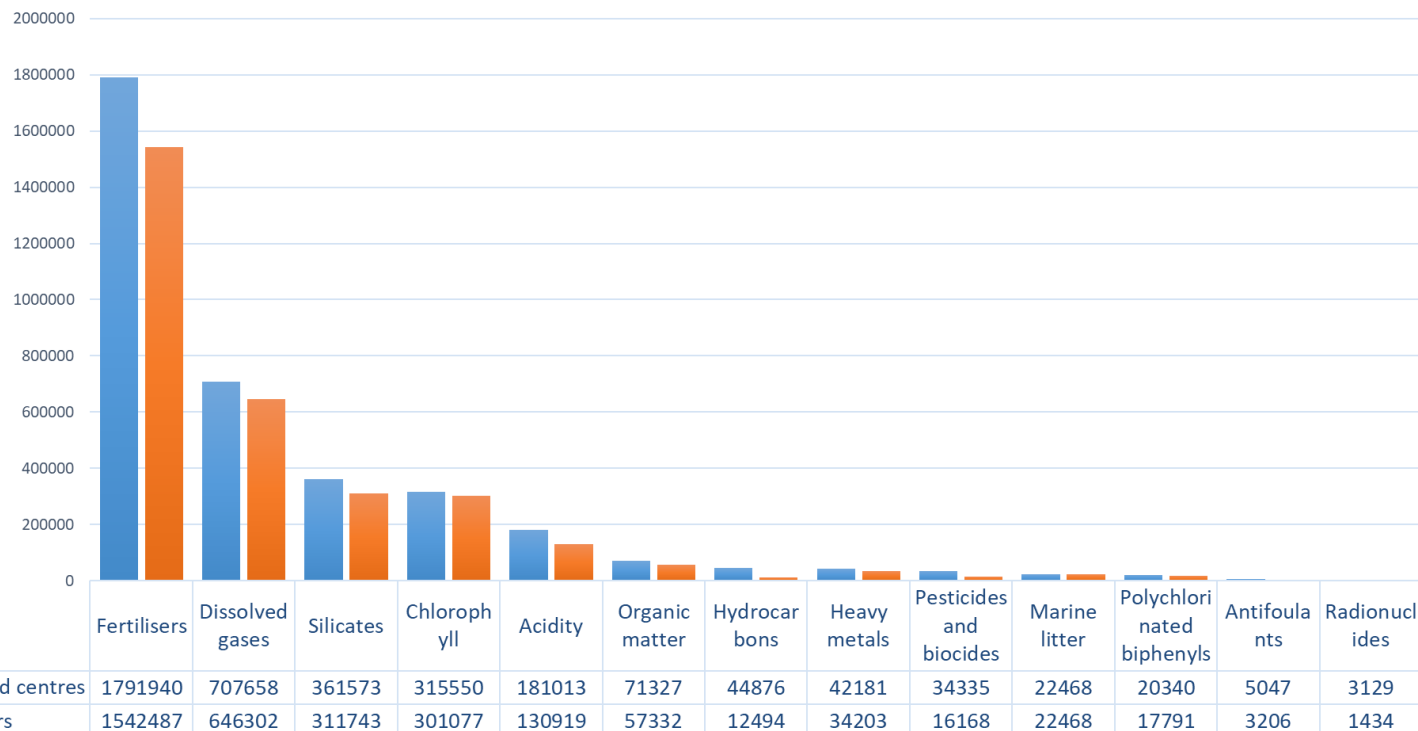
CDIs per SeaDataNet Parameter Disciplines (P08)



Chemical groups

CDIS per EMODnet Chemistry chemical groups (P36)

■ CDIs per all connected centres ■ CDIs per SDC partners



Overall results per SDC partner

CDI Progress by SDC partner (1/2)

		SDC start (1/11/2016)	Year1	Year2	Year 3	Year4					
EDMO	Country	total	total	total	total	total as distributor	Increase as distributor since the start	Increase as custodian since the start	% Increase as distributor since the start	Institute	
43	United Kingdom	109673	114128	122406	123988	132077	22404	100973	20	BODC	▶
96	Germany	39268	39268	40401	40398	40482	1214	66218	3	BSH-DOD	▶
120	Italy	101547	106454	116552	116656	133281	31734	17087	31	OGS	▶
136	Italy	9089	9279	9279	9887	9887	798	798	9	ENEA	▶
149	Italy	253	552	874	874	874	621	621	245	CNR	▶
193	Poland	13110	13110	13110	13110	14001	891	430	7	IMGW	▶
195	Poland	18	18	18	2856	2856	2838	3891	15767	IOPAN	▶
269	Greece	15972	17331	19518	21536	23657	7685	10031	48	HCMR/HNODC	▶
353	Spain	40356	42004	50516	53122	54030	13674	23512	34	IEO	▶
396	Ireland	8234	14187	18350	18065	19136	10902	20444	132	MI	▶
422	Belgium	3562	3680	3779	3779	4119	557	207	16	VLIZ	▶
486	France	308354	336484	460258	478570	672005	363651	126043	118	IFREMER	▶
521	France	0	0	2	2	2	2	735	*	CNRS/OSU-SBR	▶
1002	France	0	0	0	0	3919	3919	3919	*	CNRS/OASU	▶
3078	France	0	0	67	67	67	67	67	*	CNRS/MIO	▶
540	France	167912	171010	174697	173711	184172	16260	20771	10	SHOM	▶
545	Sweden	94284	99686	99686	100123	104343	10059	11930	11	SMHI	▶
583	Iceland	5914	7551	8182	8511	8977	3063	3063	52	MRI	▶
590	Portugal	6333	6333	6553	6553	6583	250	250	4	IHPT	▶
612	Norway	111627	127519	128610	129022	129064	17437	23253	16	IMR	▶
630	Netherlands	6072	6072	6329	6328	16896	10824	210	178	NIOZ	▶
681	Russian Federation	129959	130541	134759	139208	141756	11797	10424	9	RIHMI-WDC	▶

* No data at the start

CDI Progress by SDC partner (2/2)

		SDC start (1/11/2016)	Year1	Year2	Year 3	Year4					
EDMO	Country	total	total	total	total	total as distributor	Increase as distributor since the start	Increase as custodian since the start	% Increase as distributor since the start	Institute	
692	Bulgaria	3479	3806	4569	4642	4866	1387	2725	40	IO-BAS	▶
693	Georgia	951	993	1074	1093	1161	210	212	22	TSU-DNA	▶
696	Turkey	27997	28513	30478	30465	33333	5336	5379	19	METU-IMS	▶
697	Romania	6855	8053	8229	8238	8557	1702	1857	25	NIMRD	▶
698	Latvia	3484	3905	4468	3945	3946	462	638	13	LHEI	▶
700	Croatia	2233	2233	2484	2552	2968	735	735	33	IOF	▶
708	Malta	1015	1017	1423	1919	1922	907	907	89	UOM	▶
713	Estonia	26914	27374	27427	27506	27802	888	1191	3	MSI	▶
729	Denmark	223955	239319	242023	242108	264944	40989	20198	18	AU-DMU	▶
730	Denmark	21380	81932	89688	89073	91079	69699	65750	326	ICES	▶
963	Israel	5732	5732	7366	7754	8073	2341	2341	41	IOLR	▶
1104	Finland	6207	11498	14561	14561	15513	9306	9697	150	SYKE	▶
1167	Ukraine	5365	5663	6114	6339	6440	1075	1075	20	UkrSCES	▶
1229	Slovenia	7662	8015	8289	8908	8908	1246	1246	16	NIB	▶
1232	Tunisia	944	952	962	973	973	29	29	3	INSTM	▶
1578	Belgium	12329	13350	13749	12913	13268	939	1416	8	RBINS	▶
1725	Finland	13500	30682	30682	31922	33351	19851	23274	147	FMI	▶
2432	Montenegro	706	863	946	972	1041	335	284	47	IMBK	▶
2489	Spain	6	28	36	36	775	769	769	12817	UTM-CSIC	▶
2947	Germany	0	0	0	0	0	0	14927	*	GEOMAR	▶
4537	Cyprus	0	0	63	3593	3621	3621	3594	*	ORION	▶
	Totals	1552692	1729606	1919202	1958262	2247109	694417	605064	44.7		

* No data at the start

CDI updates – a lot of activity also by partners

Year 1	Year 2	Year 3	Year 4
395 758	128 977	445 856	252 293

CSR Progress by SDC partner



Seal

		SDC start (1/11/16)	Year 1	Year 2	Year 3	Year 4				
EDMO	Country	total	total	total	total	total	Increase since the start	% increase since the start	Institute	
43	United Kingdom	9563	9564	9568	9570	9570	7	0.1	BODC	▶
96	Germany	2216	2339	2564	2682	2743	527	23.8	BSH-DOD	▶
120	Italy	262	291	292	301	302	40	15.3	OGS	▶
193	Poland	67	73	79	84	86	19	28.4	IMGW	▶
195	Poland	21	21	21	21	21	0	0.0	IOPAN	▶
269	Greece	260	300	377	377	380	120	46.2	HCMR/HNODC	▶
353	Spain	787	965	1272	1377	1475	688	87.4	IEO	▶
396	Ireland	755	813	840	840	968	213	28.2	MI	▶
422	Belgium	686	859	859	859	859	173	25.2	VLIZ	▶
486	France	4197	4511	4833	5321	5423	1226	29.2	IFREMER	▶
545	Sweden	1678	1714	1763	1810	1827	149	8.9	SMHI	▶
583	Iceland	73	77	86	90	92	19	26.0	MRI	▶
590	Portugal	107	108	111	116	116	9	8.4	IHPT	▶
612	Norway	3396	3480	3613	3742	3793	397	11.7	IMR	▶
630	Netherlands	281	289	300	312	315	34	12.1	NIOZ	▶
681	Russian Federation	20	22	68	68	80	60	300.0	RIHMI-WDC	▶
685	Russian Federation	85	85	85	85	85	0	0.0	SIO-RAS	▶
692	Bulgaria	99	145	152	161	170	71	71.7	IO-BAS	▶
693	Georgia	23	24	24	24	24	1	4.3	TSU-DNA	▶
696	Turkey	348	404	406	429	444	96	27.6	METU-IMS	▶
697	Romania	111	115	115	117	121	10	9.0	NIMRD	▶
698	Latvia	201	206	210	210	210	9	4.5	LHEI	▶
700	Croatia	328	328	378	378	378	50	15.2	IOF	▶
708	Malta	5	11	55	60	74	69	1380.0	UMT.IOI.POU	▶
713	Estonia	208	228	264	278	278	70	33.7	MSI	▶
729	Denmark	126	129	134	137	140	14	11.1	AU-DMU	▶
963	Israel	45	45	45	58	58	13	28.9	IORL	▶
1104	Finland	10	10	10	13	13	3	30.0	SYKE	▶
1167	Ukraine	24	294	294	310	310	286	1191.7	UkrSCES	▶
1229	Slovenia	307	307	383	418	418	111	36.2	NIB	▶
1232	Tunisia	96	97	99	101	101	5	5.2	INSTM	▶
1578	Belgium	671	685	691	698	702	31	4.6	RBINS	▶
1725	Finland	58	58	58	62	62	4	6.9	FMI	▶
2432	Montenegro	0	119	153	190	190	190	*	IMBK	▶
2489	Spain	242	242	337	614	626	384	158.7	UTM-CSIC	▶
	Totals	27356	28958	30539	31913	32454	5098	18.6		

* No data at the start

EDIOS Progress

Institute	EDMO	Country	SDC start (1/11/2016)		01/11/2016-31/10/2019			01/11/2019-20/10/2020					
			Progs	Series	New Progs	New Platforms	New Series	New Progs	Updated Progs	New Platforms	Updated Platforms	New Series	Updated Series
BODC	43	United Kingdom	275	15123					74			1	1
BSH-DOD	96	Germany	1	10									
OGS	120	Italy	3	10				1				1	
ENEA	136	Italy	26	28									
CNR/(CNR-SP, CNR Venezia, CNR-IIA)	149/(134, 227, 2863)	Italy	2	6	1	7	2						
HCMR	269	Greece	1	8									
IEO	353	Spain	4	43									
MI	396	Ireland	12	73	1	1	5						
IFREMER	486	France	27	991				1	2	6	12	15	15
SHOM	540	France			1	2	1						
SMHI	545	Sweden	2	25	1	2	1						
IHPT*	590	Portugal	1	14		6	9						
IMR	612	Norway	4	279									
MSI	713	Esthonia	2	2									
NIB	1229	Slovenia	1	4					1		1		4
IBMK	2432	Montenegro	1	2									
AZTI	1623	Spain			1	2	1						
RBINS	1578	Belgium			1								
SOCIB	3410	Spain			1	2	1						
PLOCAN**	3497	Spain											
INTECMAR	4841	Spain			1	2	2						
Totals			362	16618	8	24	22	2	77	6	13	17	20

* 1 series and 1 platform awaiting catalogue load

** 1 programme, 1 series and 2 platforms awaiting catalogue load

EDMERP Progress by SDC partner

		SDC start (1/11/2016)	Year 1	Year 2	Year 3	Year 4			
EDMO	Country	total	total	total	total	total	Increase since the start	% Increase since the start	Institute
43	UK	315	316	322	331	371	56	18	BODC
96 , 100, 2579	Germany	128	134	159	179	214	86	67	BSH-DOD
120, 2276, 124	Italy	93	94	103	107	116	23	25	OGS
193	Poland	54	54	54	55	84	30	56	IMGW
195	Poland	0	0	0	0	0	0	*	IOPAN
269	Greece	111	112	112	112	114	3	3	HCMR-HNODC
353	Spain	247	247	249	251	257	10	4	IEO
396	Ireland	220	221	221	221	221	1	0	MI
422	Belgium	152	152	153	153	153	1	1	VLIZ
486	France	162	172	175	177	178	16	10	IFREMER
545, 618	Sweden	23	23	26	27	27	4	17	SMHI
575, 630, 2601	Netherlands	199	199	200	200	200	1	1	NIOZ
583	Iceland	8	8	8	8	8	0	0	MRI
590	Portugal	40	40	40	44	51	11	28	IHPT
612	Norway	59	59	59	59	60	1	2	IMR
681	Russian Fed.	111	111	111	111	111	0	0	RIHMI-WDC
685	Russian Fed.	47	47	47	48	48	1	2	SIO-RAS
692	Bulgaria	50	56	56	58	58	8	16	IO-BAS
693	Georgia	142	143	144	144	144	2	1	TSU-DNA
696	Turkey	115	130	130	140	141	26	23	METU-IMS
697	Romania	46	47	47	50	52	6	13	NIMRD
698	Latvia	31	31	31	34	35	4	13	LHEI
700	Croatia	17	17	17	18	18	1	6	IOF
708	Malta	32	33	33	33	34	2	6	UOM
963	Israel	4	4	4	4	4	0	0	ISRAMAR
713	Estonia	46	50	62	66	66	20	43	MSI
729	Denmark	49	49	49	55	56	7	14	AU-DMU
730	Denmark	4	4	4	6	6	2	50	ICES
1104	Finland	0	0	1	1	1	1	*	SYKE
1229	Slovenia	11	11	11	12	12	1	9	NIB
1232	Tunisia	31	31	31	31	31	0	0	INSTM
1578, 1149	Belgium	185	185	185	185	185	0	0	RBINS
2432	Montenegro	6	7	7	9	9	3	50	IMBK
4537	Cyprus	11	11	11	12	12	1	9	ORION
	Totals	2749	2798	2862	2941	3077	328	12	



SeaDataCloud

EDMO Progress by SDC partner

		SDC start (1/11/2016)	Year 1	Year 2	Year 3	Year 4			
	Country	total	total	total	total	total	Increase since the start	% Increase since the start	Institute
43	United Kingdom	654	672	703	747	774	120	18	BODC
96	Germany	244	250	269	277	285	41	17	BSH-DOD
120	Italy	56	59	71	84	91	35	63	OGS
193	Poland	31	33	33	33	41	10	32	IMGW
195	Poland	0	0	0	0	0	0	*	IOPAN
269	Greece	14	15	20	25	27	13	93	HCMR-HNODC
353	Spain	119	122	131	134	140	21	18	IEO
396	Ireland	97	100	102	106	106	9	9	MI
486	France	327	347	372	387	405	78	24	IFREMER
545	Sweden	50	82	123	127	130	80	160	SMHI
583	Iceland	5	6	7	7	9	4	80	MRI
590	Portugal	23	24	27	32	38	15	65	IHPT
612	Norway	61	64	67	67	72	11	18	IMR
575, 630	Netherlands	62	64	68	70	78	16	26	NODC, NIOZ
681	Russian Federation	38	38	38	39	39	1	3	RIHMI-WDC
685	Ukraine	6	6	6	6	6	0	0	SIO-RAS
692	Bulgaria	9	17	17	20	21	12	133	IO-BAS
693	Georgia	13	13	14	16	16	3	23	TSU-DNA
696	Turkey	27	30	30	31	31	4	15	METU-IMS
697	Romania	15	15	15	16	17	2	13	NIMRD
698	Latvia	10	15	15	23	23	13	130	LHEI
700	Croatia	2	2	4	5	5	3	150	IOF
708	Malta	1	3	4	5	5	4	400	UOM
710, 963	Israel	5	6	10	11	12	7	140	ISRAMAR, IORL
713	Estonia	14	14	16	17	18	4	29	MSI
729	Denmark	56	62	64	68	70	14	25	AU-DMU
1104,1725	Finland	50	62	67	74	74	24	48	SYKE, FMI
1229	Slovenia	2	3	7	8	8	6	300	NIB
1232	Tunisia	1	1	1	1	1	0	0	INSTM
1578	Belgium	133	133	136	137	143	10	8	RBINS
2432	Montenegro	8	9	9	9	9	1	13	IMBK
4537	Cyprus	2	2	2	3	3	1	50	ORION
	Totals	2145	2279	2458	2595	2707	562	26	



EDMED Progress by SDC partner

SeaParadise

			SDC start (1/11/2016)	Year 1	Year 2	Year 3	Year 4		
Institute	EDMO	Country	total	total	total	total	total	since the start	Institute
BODC	43	United Kingdom	789	803	840	858	883	94	BODC
BSH-DOD	96	Germany	179	179	179	179	179	0	BSH-DOD
OGS	120	Italy	279	291	305	305	305	26	OGS
CNR	149, 134, 227, 2863	Italy	0	0	3	3	3	3	CNR
IMGW	193	Poland	109	107	107	107	107	-2	IMGW
HCMR/HNODC	269	Greece	288	310	310	310	310	22	HCMR/HNODC
IEO	353	Spain	355	355	355	356	356	1	IEO
MI	396	Ireland	127	127	113	113	113	-14	MI
VLIZ	422	Belgium	102	102	102	102	102	0	VLIZ
IFREMER	486	France	237	237	239	239	239	2	IFREMER
SHOM	540	France	5	6	6	7	8	3	SHOM
SMHI	545	Sweden	100	99	99	99	99	-1	SMHI
NODC	575	Netherlands	185	185	185	185	194	9	NODC
MRI	583	Iceland	12	12	12	12	12	0	MRI
IHPT	590	Portugal	214	214	214	214	220	6	IHPT
IMR	612	Norway	41	41	41	41	41	0	IMR
RIHMI-WDC	681	Russian Fed.	95	95	95	95	95	0	RIHMI-WDC
SIO-RAS	685	Ukraine	37	37	37	37	37	0	SIO-RAS
IO-BAS	692	Bulgaria	33	33	33	34	34	1	IO-BAS
TSU-DNA	693	Georgia	416	416	416	416	416	0	TSU-DNA
METU-IMS	696	Turkey	53	53	53	53	53	0	METU-IMS
NIMRD	697	Romania	68	75	75	75	75	7	NIMRD
LHEI	698	Latvia	28	28	28	29	29	1	LHEI
IOF	700	Croatia	12	12	12	12	12	0	IOF
UOM	708	Malta	29	29	34	39	40	11	UOM
ISRAMAR, IORL	710, 963	Israel	6	6	6	6	6	0	ISRAMAR, IORL
MSI	713	Estonia	16	16	16	16	16	0	MSI
AU-DMU	729	Denmark	35	35	35	35	35	0	AU-DMU
ICES	730	Denmark	21	21	21	21	21	0	ICES
SYKE, FMI	1104, 1725	Finland	38	38	38	38	38	0	SYKE, FMI
NIB	1229	Slovenia	1	1	1	1	1	0	NIB
INSTM	1232	Tunisia	1	2	2	2	2	1	INSTM
RBINS	1578	Belgium	98	98	98	98	98	0	RBINS
IBMK	2432	Montenegro	2	2	4	4	4	2	IBMK
UTM-CSIC	2489	Spain	0	0	0	0	0	0	UTM-CSIC
CNRS/MIO	3078	France	0	5	2	2	2	2	CNRS/MIO
ORION	4537	Cyprus	0	0	0	0	0	0	ORION
		Totals	4011	4070	4116	4143	4185	174	16

Summarizing ...

- Very good progress!
- We need to continue and sustain the infrastructure!

Thank you all very much for your collaboration !