

Annex

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Table A1. Regular Budget allocation and utilization of resources in 2020 by Programme and Major Programme (in euros)

Major Programme (MP)/Programme	Original budget US \$1/€1	Adjusted budget US \$1/€0.878	Expenditure	Resource utilization	Balances
	a*	b**	c	d = c/b	e = b - c
MP1 — Nuclear Power, Fuel Cycle and Nuclear Science					
Overall management, coordination and common activities	3 307 427	3 247 752	2 955 862	91.0%	291 890
Nuclear Power	9 093 995	8 901 469	8 099 120	91.0%	802 349
Nuclear Fuel Cycle and Waste Management	7 801 710	7 646 867	6 365 406	83.2%	1 281 461
Capacity Building and Nuclear Knowledge for Sustainable Energy Development	10 759 795	10 548 163	9 309 896	88.3%	1 238 267
Nuclear Science	10 449 764	10 305 152	9 483 586	92.0%	821 566
Total Major Programme 1	41 412 691	40 649 403	36 213 870	89.1%	4 435 533
MP2 — Nuclear Techniques for Development and Environmental Protection					
Overall management, coordination and common activities	8 280 760	8 203 634	8 063 054	98.3%	140 580
Food and Agriculture	12 065 296	11 901 052	11 999 287	100.8%	(98 235)
Human Health	8 848 499	8 694 307	8 638 502	99.4%	55 805
Water Resources	3 753 133	3 703 630	3 682 967	99.4%	20 663
Environment	6 692 542	6 590 447	6 339 535	96.2%	250 912
Radioisotope Production and Radiation Technology	2 473 852	2 439 142	1 942 414	79.6%	496 728
Total Major Programme 2	42 114 082	41 532 212	40 665 759	97.9%	866 453
MP3 — Nuclear Safety and Security					
Overall management, coordination and common activities	4 081 889	3 996 018	3 886 385	97.3%	109 633
Incident and Emergency Preparedness and Response	4 468 227	4 381 982	4 292 404	98.0%	89 578
Safety of Nuclear Installations	10 702 937	10 457 120	9 473 891	90.6%	983 229
Radiation and Transport Safety	7 664 881	7 499 063	7 205 937	96.1%	293 126
Radioactive Waste Management and Environmental Safety	3 865 473	3 785 366	3 615 961	95.5%	169 405
Nuclear Security	6 305 773	6 150 539	5 650 243	91.9%	500 296
Total Major Programme 3	37 089 180	36 270 088	34 124 821	94.1%	2 145 267
MP4 — Nuclear Verification					
Overall management, coordination and common activities	14 125 413	13 947 926	14 123 864	101.3%	(175 938)
Safeguards Implementation	131 398 052	128 815 350	127 913 247	99.3%	902 103
Other Verification Activities	3 185 925	3 091 385	2 988 988	96.7%	102 397
Total Major Programme 4	148 709 390	145 854 661	145 026 099	99.4%	828 562
MP5 — Policy, Management and Administration Services					
Policy, Management and Administration Services	81 376 955	80 358 706	78 442 829	97.6%	1 915 877
Total Major Programme 5	81 376 955	80 358 706	78 442 829	97.6%	1 915 877
MP6 — Management of Technical Cooperation for Development					
Management of Technical Cooperation for Development	26 731 414	26 250 394	25 519 686	97.2%	730 708
Total Major Programme 6	26 731 414	26 250 394	25 519 686	97.2%	730 708
Total Operational Regular Budget	377 433 712	370 915 464	359 993 064	97.1%	10 922 400
Major Capital Investment Funding Requirements***					
MP1 — Nuclear Power, Fuel Cycle and Nuclear Science	—	—	—	—	—
MP2 — Nuclear Techniques for Development and Environmental Protection	2 034 000	2 029 202	47 466	2.3%	1 981 736
MP3 — Nuclear Safety and Security	305 100	305 100	—	—	305 100
MP4 — Nuclear Verification	1 017 000	1 017 000	—	—	1 017 000
MP5 — Policy, Management and Administration Services	2 745 900	2 745 900	844 966	30.8%	1 900 934
MP6 — Management of Technical Cooperation for Development	—	—	—	—	—
Total Capital Regular Budget	6 102 000	6 097 202	892 432	14.6%	5 204 770
Total Agency Programmes	383 535 712	377 012 666	360 885 496	95.7%	16 127 170
Reimbursable Work for Others	3 129 353	3 129 353	3 194 505	102.1%	(65 152)
Total Regular Budget	386 665 065	380 142 019	364 080 001	95.8%	16 062 018

* General Conference resolution GC(63)/RES/3 of September 2019 original budget at US \$1/€1.

** Original budget revalued at the United Nations operational average rate of exchange of €0.878 to US \$1 in 2020.

*** Additional information about the Major Capital Investment Fund can be found in note 39d of *The Agency's Financial Statements for 2020*.

Table A2. Extrabudgetary regular programme fund resource utilization in 2020 by Programme and Major Programme (in euros)

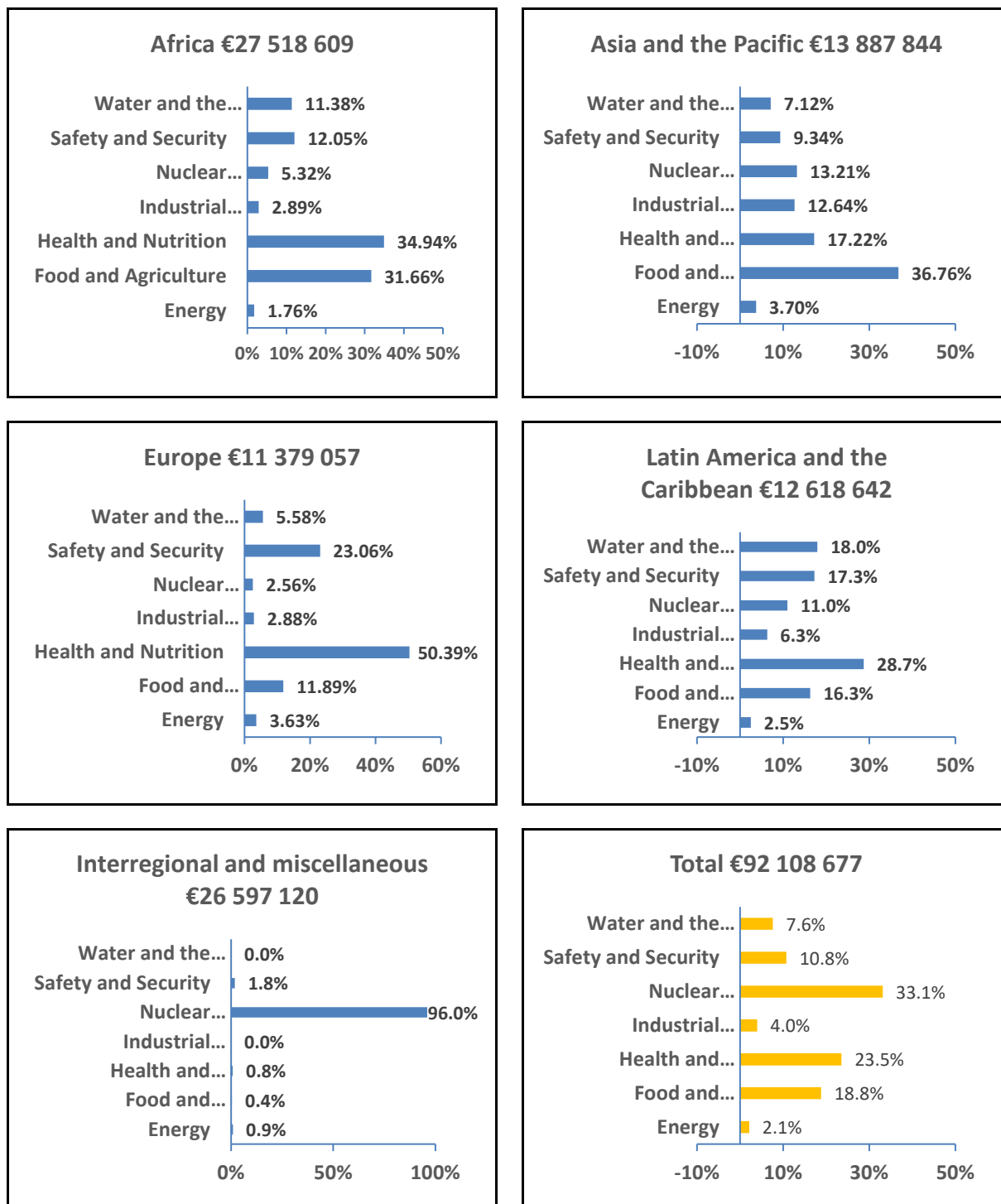
Major Programme (MP)/Programme	2020 net expenditure
MP1 — Nuclear Power, Fuel Cycle and Nuclear Science	
Overall management, coordination and common activities	50 212
Nuclear Power	2 800 315
Nuclear Fuel Cycle and Waste Management	2 565 940
Capacity Building and Nuclear Knowledge for Sustainable Energy Development	577 033
Nuclear Science	2 779 119
Total Major Programme 1	8 772 619
MP2 — Nuclear Techniques for Development and Environmental Protection	
Overall management, coordination and common activities	1 257 888
Food and Agriculture	4 271 857
Human Health	239 204
Water Resources	34 599
Environment	1 042 236
Radioisotope Production and Radiation Technology	293 384
Total Major Programme 2	7 139 168
MP3 — Nuclear Safety and Security	
Overall management, coordination and common activities	2 609 699
Incident and Emergency Preparedness and Response	584 999
Safety of Nuclear Installations	2 665 476
Radiation and Transport Safety	709 216
Radioactive Waste Management and Environmental Safety	942 470
Nuclear Security	14 781 286
Total Major Programme 3	22 293 146
MP4 — Nuclear Verification	
Overall management, coordination and common activities	1 896 797
Safeguards Implementation	20 172 908
Other Verification Activities	4 765 219
Total Major Programme 4	26 834 924
MP5 — Policy, Management and Administration Services	
Policy, Management and Administration Services	1 590 861
Total Major Programme 5	1 590 861
MP6 — Management of Technical Cooperation for Development	
Management of Technical Cooperation for Development	371 953
Total Major Programme 6	371 953
Total extrabudgetary programme funds	67 002 671

Table A3(a). Disbursements (actuals) of the Technical Cooperation Fund by technical field and region in 2020

Summary of all regions (in euros)							
Technical field	Africa	Asia and the Pacific	Europe	Latin America and the Caribbean	Interregional and miscellaneous	PACT ^a	Total
Energy	484 354	513 619	413 277	314 814	228 070	0	1 954 133
Food and Agriculture	8 713 334	5 105 342	1 352 496	2 057 465	115 280	0	17 343 917
Health and Nutrition	9 613 849	2 391 799	5 733 910	3 621 776	222 611	107 405	21 691 349
Industrial Applications/ Radiation Technology	796 608	1 755 598	328 278	793 491	0	0	3 673 975
Nuclear Knowledge Development and Management	1 464 558	1 834 813	291 250	1 386 277	25 537 890	0	30 514 788
Safety and Security	3 315 245	1 297 294	2 624 561	2 178 183	488 621	0	9 903 904
Water and the Environment	3 130 660	989 380	635 285	2 266 637	4 648	0	7 026 610
Total	27 518 609	13 887 844	11 379 057	12 618 642	26 597 120	107 405	92 108 677

^a PACT: Programme of Action for Cancer Therapy.

Table A3(b). Graphical representation of the information in Table A3(a)



Note: See Table A3(a) for the full titles of the technical fields.

Table A4. Amount of nuclear material under Agency safeguards at the end of 2020 by type of agreement

Nuclear material	Comprehensive safeguards agreement ^a	INFCIRC/66-type agreement	Voluntary offer agreement	Quantity in significant quantities (SQs)
Plutonium ^b contained in irradiated fuel and in fuel elements in reactor cores	148 124	3 174	21 056	172 354
Separated plutonium outside reactor cores	1 261	5	10 971	12 237
High enriched uranium (equal to or greater than 20% U-235)	155	1	0	156
Low enriched uranium (less than 20% U-235)	19 216	366	1 237	20 819
Source material ^c (natural and depleted uranium and thorium)	11 571	1 741	2 536	15 848
U-233	18	0	0	18
Total SQs of nuclear material	180 345	5 287	35 800	221 432

Amount of heavy water under Agency safeguards at the end of 2020 by type of agreement

Non-nuclear material ^d	Comprehensive safeguards agreement	INFCIRC/66-type agreement	Voluntary offer agreement	Quantity in tonnes
Heavy water (tonnes)		423.3		424.0^e

^a Includes nuclear material under Agency safeguards in Taiwan, China; excludes nuclear material in the Democratic People's Republic of Korea.

^b The quantity includes an estimated amount (9 000 SQs) of plutonium in fuel elements loaded into reactor cores and plutonium in other irradiated fuel, which has not yet been reported to the Agency under agreed reporting procedures.

^c This table does not include material within the terms of subparagraphs 34(a) and 34(b) of INFCIRC/153 (Corrected).

^d Non-nuclear material subject to Agency safeguards under INFCIRC/66/Rev.2-type agreements.

^e Includes 0.7 tonnes of heavy water under Agency safeguards in Taiwan, China.

Table A5. Number of facilities and material balance areas outside facilities under Agency safeguards during 2020

Type	Comprehensive safeguards agreement ^a	INFCIRC/66-type agreement ^b	Voluntary offer agreement	Total
Power reactors	245	17	1	263
Research reactors and critical assemblies	146	3	1	150
Conversion plants	17	0	0	17
Fuel fabrication plants	37	3	1	41
Reprocessing plants	10	0	1	11
Enrichment plants	16	0	3	19
Separate storage facilities	133	2	4	139
Other facilities	77	0	0	77
Facility subtotals	681	25	11	717
Material balance areas containing locations outside facilities ^c	603	1	0	604
Total	1284	26	11	1321

^a Covering safeguards agreements pursuant to the Treaty on the Non-Proliferation of Nuclear Weapons and/or the Treaty of Tlatelolco and other comprehensive safeguards agreements; includes facilities in Taiwan, China.

^b Covering facilities in India, Israel and Pakistan.

^c Includes 65 material balance areas in States with amended small quantities protocols.

Table A6. Conclusion of safeguards agreements, additional protocols and small quantities protocols (status as of 31 December 2020)

State ^a	Small quantities protocols ^b	Safeguards agreements ^c	INFCIRC	Additional protocols
Afghanistan	Amended: 28 Jan. 2016	In force: 20 Feb. 1978	257	In force: 19 Jul. 2005
Albania ¹		In force: 25 Mar. 1988	359	In force: 3 Nov. 2010
Algeria		In force: 7 Jan. 1997	531	Signed: 16 Feb. 2018
Andorra	Amended: 24 Apr. 2013	In force: 18 Oct. 2010	808	In force: 19 Dec. 2011
Angola	In force: 28 Apr. 2010	In force: 28 Apr. 2010	800	In force: 28 Apr. 2010
Antigua and Barbuda ²	Amended: 5 Mar. 2012	In force: 9 Sep. 1996	528	In force: 15 Nov. 2013
Argentina ³		In force: 4 Mar. 1994	435	
Armenia		In force: 5 May 1994	455	In force: 28 Jun. 2004
Australia		In force: 10 Jul. 1974	217	In force: 12 Dec. 1997
Austria ⁴		Accession: 31 Jul. 1996	193	In force: 30 Apr. 2004
Azerbaijan		In force: 29 Apr. 1999	580	In force: 29 Nov. 2000
Bahamas ²	Amended: 25 Jul. 2007	In force: 12 Sep. 1997	544	
Bahrain	In force: 10 May 2009	In force: 10 May 2009	767	In force: 20 Jul. 2011
Bangladesh		In force: 11 Jun. 1982	301	In force: 30 Mar. 2001
Barbados ²	X	In force: 14 Aug. 1996	527	
Belarus		In force: 2 Aug. 1995	495	Signed: 15 Nov. 2005
Belgium		In force: 21 Feb. 1977	193	In force: 30 Apr. 2004
Belize ⁵	X	In force: 21 Jan. 1997	532	
Benin	Amended: 17 Sep. 2019	In force: 17 Sep. 2019	930	In force: 17 Sep. 2019
Bhutan	X	In force: 24 Oct. 1989	371	
Bolivia, Plurinational State of ²	X	In force: 6 Feb. 1995	465	Signed: 18 Sep. 2019
Bosnia and Herzegovina		In force: 4 Apr. 2013	851	In force: 3 Jul. 2013
Botswana		In force: 24 Aug. 2006	694	In force: 24 Aug. 2006
Brazil ⁶		In force: 4 Mar. 1994	435	
Brunei Darussalam	X	In force: 4 Nov. 1987	365	
Bulgaria ⁷		Accession: 1 May 2009	193	Accession: 1 May 2009
Burkina Faso	Amended: 18 Feb. 2008	In force: 17 Apr. 2003	618	In force: 17 Apr. 2003

State ^a	Small quantities protocols ^b	Safeguards agreements ^c	INFCIRC	Additional protocols
Burundi	In force: 27 Sep. 2007	In force: 27 Sep. 2007	719	In force: 27 Sep. 2007
<i>Cabo Verde</i>	<i>Amended: 27 Mar. 2006</i>	<i>Signed: 28 Jun. 2005</i>		<i>Signed: 28 Jun. 2005</i>
Cambodia	Amended: 16 Jul. 2014	In force: 17 Dec. 1999	586	In force: 24 Apr. 2015
Cameroon	Amended: 15 Jul. 2019	In force: 17 Dec. 2004	641	In force: 29 Sep. 2016
Canada		In force: 21 Feb. 1972	164	In force: 8 Sep. 2000
Central African Republic	In force: 7 Sep. 2009	In force: 7 Sep. 2009	777	In force: 7 Sep. 2009
Chad	In force: 13 May 2010	In force: 13 May 2010	802	In force: 13 May 2010
Chile ⁸		In force: 5 Apr. 1995	476	In force: 3 Nov. 2003
China		In force: 18 Sep. 1989	369*	In force: 28 Mar. 2002
Colombia ⁸		In force: 22 Dec. 1982	306	In force: 5 Mar. 2009
Comoros	In force: 20 Jan. 2009	In force: 20 Jan. 2009	752	In force: 20 Jan. 2009
Congo	In force: 28 Oct. 2011	In force: 28 Oct. 2011	831	In force: 28 Oct. 2011
Costa Rica ²	Amended: 12 Jan. 2007	In force: 22 Nov. 1979	278	In force: 17 Jun. 2011
Côte d'Ivoire		In force: 8 Sep. 1983	309	In force: 5 May 2016
Croatia ⁹		Accession: 1 Apr. 2017	193	Accession: 1 Apr. 2017
Cuba ²		In force: 3 Jun. 2004	633	In force: 3 Jun. 2004
Cyprus ¹⁰		Accession: 1 May 2008	193	Accession: 1 May 2008
Czech Republic ¹¹		Accession: 1 Oct. 2009	193	Accession: 1 Oct. 2009
Democratic Republic of the Congo		In force: 9 Nov. 1972	183	In force: 9 Apr. 2003
Denmark ¹²		In force: 1 Mar. 1972 In force: 21 Feb. 1977	176 193	In force: 22 Mar. 2013 In force: 30 Apr. 2004
Djibouti	In force: 26 May 2015	In force: 26 May 2015	884	In force: 26 May 2015
Dominica ⁵	X	In force: 3 May 1996	513	
Dominican Republic ²	Amended: 11 Oct. 2006	In force: 11 Oct. 1973	201	In force: 5 May 2010
Democratic People's Republic of Korea		In force: 10 Apr. 1992	403	
Ecuador ²	Amended: 7 Apr. 2006	In force: 10 Mar. 1975	231	In force: 24 Oct. 2001
Egypt		In force: 30 Jun. 1982	302	
El Salvador ²	Amended: 10 Jun. 2011	In force: 22 Apr. 1975	232	In force: 24 May 2004

State ^a	Small quantities protocols ^b	Safeguards agreements ^c	INFCIRC	Additional protocols
<i>Equatorial Guinea</i>	<i>Approved: 13 Jun. 1986</i>	<i>Approved: 13 Jun. 1986</i>		
<i>Eritrea</i>	<i>Approved: 11 Mar. 2020</i>	<i>Approved: 11 Mar. 2020</i>		<i>Approved: 11 Mar. 2020</i>
Estonia ¹³		Accession: 1 Dec. 2005	193	Accession: 1 Dec. 2005
Eswatini	Amended: 23 Jul. 2010	In force: 28 Jul. 1975	227	In force: 8 Sep. 2010
Ethiopia	Amended: 2 Jul. 2019	In force: 2 Dec. 1977	261	In force: 18 Sep. 2019
Fiji	X	In force: 22 Mar. 1973	192	In force: 14 Jul. 2006
Finland ¹⁴		Accession: 1 Oct. 1995	193	In force: 30 Apr. 2004
France	Amended: 25 Feb. 2019	In force: 12 Sep. 1981 In force: 26 Oct. 2007 ¹⁵	290* 718	In force: 30 Apr. 2004
Gabon	Amended: 30 Oct. 2013	In force: 25 Mar. 2010	792	In force: 25 Mar. 2010
Gambia	Amended: 17 Oct. 2011	In force: 8 Aug. 1978	277	In force: 18 Oct. 2011
Georgia		In force: 3 Jun. 2003	617	In force: 3 Jun. 2003
Germany ¹⁶		In force: 21 Feb. 1977	193	In force: 30 Apr. 2004
Ghana		In force: 17 Feb. 1975	226	In force: 11 Jun. 2004
Greece ¹⁷		Accession: 17 Dec. 1981	193	In force: 30 Apr. 2004
Grenada ²	X	In force: 23 Jul. 1996	525	
Guatemala ²	Amended: 26 Apr. 2011	In force: 1 Feb. 1982	299	In force: 28 May 2008
<i>Guinea</i>	<i>Signed: 13 Dec. 2011</i>	<i>Signed: 13 Dec. 2011</i>		<i>Signed: 13 Dec. 2011</i>
<i>Guinea-Bissau</i>	<i>Signed: 21 Jun. 2013</i>	<i>Signed: 21 Jun. 2013</i>		<i>Signed: 21 Jun. 2013</i>
Guyana ²	X	In force: 23 May 1997	543	
Haiti ²	Amended: 22 Jan. 2020	In force: 9 Mar. 2006	681	In force: 9 Mar. 2006
Holy See	Amended: 11 Sep. 2006	In force: 1 Aug. 1972	187	In force: 24 Sep. 1998
Honduras ²	Amended: 20 Sep. 2007	In force: 18 Apr. 1975	235	In force: 17 Nov. 2017
Hungary ¹⁸		Accession: 1 Jul. 2007	193	Accession: 1 Jul. 2007
Iceland	Amended: 15 Mar. 2010	In force: 16 Oct. 1974	215	In force: 12 Sep. 2003
India¹⁹		In force: 30 Sep. 1971 In force: 17 Nov. 1977 In force: 27 Sep. 1988 In force: 11 Oct. 1989 In force: 1 Mar. 1994 In force: 11 May 2009	211 260 360 374 433 754	In force: 25 Jul. 2014
Indonesia		In force: 14 Jul. 1980	283	In force: 29 Sep. 1999

State ^a	Small quantities protocols ^b	Safeguards agreements ^c	INFCIRC	Additional protocols
Iran, Islamic Republic of ²⁰		In force: 15 May 1974	214	Signed: 18 Dec. 2003
Iraq		In force: 29 Feb. 1972	172	In force: 10 Oct. 2012
Ireland		In force: 21 Feb. 1977	193	In force: 30 Apr. 2004
Israel		In force: 4 Apr. 1975	249/Add.1	
Italy		In force: 21 Feb. 1977	193	In force: 30 Apr. 2004
Jamaica ²		In force: 6 Nov. 1978	265	In force: 19 Mar. 2003
Japan		In force: 2 Dec. 1977	255	In force: 16 Dec. 1999
Jordan		In force: 21 Feb. 1978	258	In force: 28 Jul. 1998
Kazakhstan		In force: 11 Aug. 1995	504	In force: 9 May 2007
Kenya	In force: 18 Sep. 2009	In force: 18 Sep. 2009	778	In force: 18 Sep. 2009
Kiribati	X	In force: 19 Dec. 1990	390	Signed: 9 Nov. 2004
Korea, Republic of		In force: 14 Nov. 1975	236	In force: 19 Feb. 2004
Kuwait	Amended: 26 Jul. 2013	In force: 7 Mar. 2002	607	In force: 2 Jun. 2003
Kyrgyzstan	X	In force: 3 Feb. 2004	629	In force: 10 Nov. 2011
Lao People's Democratic Republic	X	In force: 5 Apr. 2001	599	Signed: 5 Nov. 2014
Latvia ²¹		Accession: 1 Oct. 2008	193	Accession: 1 Oct. 2008
Lebanon	Amended: 5 Sep. 2007	In force: 5 Mar. 1973	191	
Libya		In force: 8 Jul. 1980	282	In force: 11 Aug. 2006
Liechtenstein		In force: 4 Oct. 1979	275	In force: 25 Nov. 2015
Lithuania ²²		Accession: 1 Jan. 2008	193	Accession: 1 Jan. 2008
Luxembourg		In force: 21 Feb. 1977	193	In force: 30 Apr. 2004
Madagascar	Amended: 29 May 2008	In force: 14 Jun. 1973	200	In force: 18 Sep. 2003
Malawi	Amended: 29 Feb. 2008	In force: 3 Aug. 1992	409	In force: 26 Jul. 2007
Malaysia		In force: 29 Feb. 1972	182	Signed: 22 Nov. 2005
Maldives	X	In force: 2 Oct. 1977	253	
Mali	Amended: 18 Apr. 2006	In force: 12 Sep. 2002	615	In force: 12 Sep. 2002
Malta ²³		Accession: 1 Jul. 2007	193	Accession: 1 Jul. 2007
Marshall Islands		In force: 3 May 2005	653	In force: 3 May 2005

State ^a	Small quantities protocols ^b	Safeguards agreements ^c	INFCIRC	Additional protocols
Mauritania	Amended: 20 Mar. 2013	In force: 10 Dec. 2009	788	In force: 10 Dec. 2009
Mauritius	Amended: 26 Sep. 2008	In force: 31 Jan. 1973	190	In force: 17 Dec. 2007
Mexico ²⁴		In force: 14 Sep. 1973	197	In force: 4 Mar. 2011
<i>Micronesia, Federated States of</i>	<i>Signed: 1 Jun. 2015</i>	<i>Signed: 1 Jun. 2015</i>		
Monaco	Amended: 27 Nov. 2008	In force: 13 Jun. 1996	524	In force: 30 Sep. 1999
Mongolia	X	In force: 5 Sep. 1972	188	In force: 12 May 2003
Montenegro	In force: 4 Mar. 2011	In force: 4 Mar. 2011	814	In force: 4 Mar. 2011
Morocco		In force: 18 Feb. 1975	228	In force: 21 Apr. 2011
Mozambique	In force: 1 Mar. 2011	In force: 1 Mar. 2011	813	In force: 1 Mar. 2011
Myanmar	X	In force: 20 Apr. 1995	477	Signed: 17 Sep. 2013
Namibia	X	In force: 15 Apr. 1998	551	In force: 20 Feb. 2012
Nauru	X	In force: 13 Apr. 1984	317	
Nepal	X	In force: 22 Jun. 1972	186	
Netherlands	X	In force: 5 Jun. 1975 ¹⁵ In force: 21 Feb. 1977	229 193	In force: 30 Apr. 2004
New Zealand ²⁵	Amended: 24 Feb. 2014	In force: 29 Feb. 1972	185	In force: 24 Sep. 1998
Nicaragua ²	Amended: 12 Jun. 2009	In force: 29 Dec. 1976	246	In force: 18 Feb. 2005
Niger		In force: 16 Feb. 2005	664	In force: 2 May 2007
Nigeria		In force: 29 Feb. 1988	358	In force: 4 Apr. 2007
North Macedonia	Amended: 9 Jul. 2009	In force: 16 Apr. 2002	610	In force: 11 May 2007
Norway		In force: 1 Mar. 1972	177	In force: 16 May 2000
Oman	X	In force: 5 Sep. 2006	691	
Pakistan		In force: 5 Mar. 1962 In force: 17 Jun. 1968 In force: 17 Oct. 1969 In force: 18 Mar. 1976 In force: 2 Mar. 1977 In force: 10 Sep. 1991 In force: 24 Feb. 1993 In force: 22 Feb. 2007 In force: 15 Apr. 2011 In force: 3 May 2017	34 116 135 239 248 393 418 705 816 920	
Palau	Amended: 15 Mar. 2006	In force: 13 May 2005	650	In force: 13 May 2005
Panama ⁸	Amended: 4 Mar. 2011	In force: 23 Mar. 1984	316	In force: 11 Dec. 2001

State ^a	Small quantities protocols ^b	Safeguards agreements ^c	INFCIRC	Additional protocols
Papua New Guinea	Amended: 6 Feb. 2019	In force: 13 Oct. 1983	312	
Paraguay ²	Amended: 17 Jul. 2018	In force: 20 Mar. 1979	279	In force: 15 Sep. 2004
Peru ²		In force: 1 Aug. 1979	273	In force: 23 Jul. 2001
Philippines		In force: 16 Oct. 1974	216	In force: 26 Feb. 2010
Poland ²⁶		Accession: 1 Mar. 2007	193	Accession: 1 Mar. 2007
Portugal ²⁷		Accession: 1 Jul. 1986	193	In force: 30 Apr. 2004
Qatar	In force: 21 Jan. 2009	In force: 21 Jan. 2009	747	
Republic of Moldova	Amended: 1 Sep. 2011	In force: 17 May 2006	690	In force: 1 Jun. 2012
Romania ²⁸		Accession: 1 May 2010	193	Accession: 1 May 2010
Russian Federation		In force: 10 Jun. 1985	327*	In force: 16 Oct. 2007
Rwanda	In force: 17 May 2010	In force: 17 May 2010	801	In force: 17 May 2010
Saint Kitts and Nevis ⁵	Amended: 19 Aug. 2016	In force: 7 May 1996	514	In force: 19 May 2014
Saint Lucia ⁵	X	In force: 2 Feb. 1990	379	
Saint Vincent and the Grenadines ⁵	X	In force: 8 Jan. 1992	400	
Samoa	X	In force: 22 Jan. 1979	268	
San Marino	Amended: 13 May 2011	In force: 21 Sep. 1998	575	
<i>Sao Tome and Principe</i>	<i>Approved: 21 Nov. 2019</i>	<i>Approved: 21 Nov. 2019</i>		<i>Approved: 21 Nov. 2019</i>
Saudi Arabia	X	In force: 13 Jan. 2009	746	
Senegal	Amended: 6 Jan. 2010	In force: 14 Jan. 1980	276	In force: 24 Jul. 2017
Serbia ²⁹		In force: 28 Dec. 1973	204	In force: 17 Sep. 2018
Seychelles	Amended: 31 Oct. 2006	In force: 19 Jul. 2004	635	In force: 13 Oct. 2004
Sierra Leone	X	In force: 4 Dec. 2009	787	
Singapore	Amended: 31 Mar. 2008	In force: 18 Oct. 1977	259	In force: 31 Mar. 2008
Slovakia ³⁰		Accession: 1 Dec. 2005	193	Accession: 1 Dec. 2005
Slovenia ³¹		Accession: 1 Sep. 2006	193	Accession: 1 Sep. 2006
Solomon Islands	X	In force: 17 Jun. 1993	420	
<i>Somalia</i>				
South Africa		In force: 16 Sep. 1991	394	In force: 13 Sep. 2002

State ^a	Small quantities protocols ^b	Safeguards agreements ^c	INFCIRC	Additional protocols
Spain		Accession: 5 Apr. 1989	193	In force: 30 Apr. 2004
Sri Lanka		In force: 6 Aug. 1984	320	Approved: 12 Sep. 2018
<i>State of Palestine³²</i>	<i>Signed: 14 Jun. 2019</i>	<i>Signed: 14 Jun. 2019</i>		
Sudan	X	In force: 7 Jan. 1977	245	
Suriname ²	X	In force: 2 Feb. 1979	269	
Sweden ³³		Accession: 1 Jun. 1995	193	In force: 30 Apr. 2004
Switzerland		In force: 6 Sep. 1978	264	In force: 1 Feb. 2005
Syrian Arab Republic		In force: 18 May 1992	407	
Tajikistan		In force: 14 Dec. 2004	639	In force: 14 Dec. 2004
Thailand		In force: 16 May 1974	241	In force: 17 Nov. 2017
<i>Timor-Leste</i>	<i>Signed: 6 Oct. 2009</i>	<i>Signed: 6 Oct. 2009</i>		<i>Signed: 6 Oct. 2009</i>
Togo	Amended: 8 Oct. 2015	In force: 18 Jul. 2012	840	In force: 18 Jul. 2012
Tonga	Amended: 3 Apr. 2018	In force: 18 Nov. 1993	426	
Trinidad and Tobago ²	X	In force: 4 Nov. 1992	414	
Tunisia		In force: 13 Mar. 1990	381	Signed: 24 May 2005
Turkey		In force: 1 Sep. 1981	295	In force: 17 Jul. 2001
Turkmenistan		In force: 3 Jan. 2006	673	In force: 3 Jan. 2006
Tuvalu	X	In force: 15 Mar. 1991	391	
Uganda	Amended: 24 Jun. 2009	In force: 14 Feb. 2006	674	In force: 14 Feb. 2006
Ukraine		In force: 22 Jan. 1998	550	In force: 24 Jan. 2006
United Arab Emirates		In force: 9 Oct. 2003	622	In force: 20 Dec. 2010
United Kingdom	Signed: 6 Jan. 1993	In force: 14 Dec. 1972 ³⁴ In force: 14 Aug. 1978 ³⁵ Signed: 6 Jan. 1993 ¹⁵ In force: 31 Dec. 2020 ³⁶	175 263* 951*	In force: 30 Apr. 2004 ³⁵ In force: 31 Dec. 2020 ³⁶
United Republic of Tanzania	Amended: 10 Jun. 2009	In force: 7 Feb. 2005	643	In force: 7 Feb. 2005
United States of America	Amended: 3 Jul. 2018	In force: 9 Dec. 1980 In force: 6 Apr. 1989 ¹⁵	288* 366	In force: 6 Jan. 2009
Uruguay ²		In force: 17 Sep. 1976	157	In force: 30 Apr. 2004
Uzbekistan		In force: 8 Oct. 1994	508	In force: 21 Dec. 1998
Vanuatu	In force: 21 May 2013	In force: 21 May 2013	852	In force: 21 May 2013

State ^a	Small quantities protocols ^b	Safeguards agreements ^c	INFCIRC	Additional protocols
Venezuela, Bolivarian Republic of ²		In force: 11 Mar. 1982	300	
Viet Nam		In force: 23 Feb. 1990	376	In force: 17 Sep. 2012
Yemen	X	In force: 14 Aug. 2002	614	
Zambia	X	In force: 22 Sep. 1994	456	Signed: 13 May 2009
Zimbabwe	Amended: 31 Aug. 2011	In force: 26 Jun. 1995	483	

Key

Bold States not party to the Treaty on the Non-Proliferation of Nuclear Weapons (NPT) whose safeguards agreements are of INFCIRC/66-type.

Italics States Parties to the NPT that have not yet brought into force comprehensive safeguards agreements (CSAs) pursuant to Article III of the NPT.

* Voluntary offer safeguards agreement with NPT nuclear-weapon States.

X 'X' in the 'small quantities protocols' column indicates that the State has an operative small quantities protocol (SQP). 'Amended' indicates that the operative SQP is based on the revised SQP standardized text.

NB: This table does not aim at listing all safeguards agreements that the Agency has concluded. Not included are agreements under which the application of safeguards has been suspended upon the entry into force of a CSA. Unless otherwise indicated, the safeguards agreements referred to are CSAs concluded pursuant to the NPT.

^a An entry in this column does not imply the expression of any opinion whatsoever on the part of the Agency concerning the legal status of any country or territory or of its authorities, or concerning the delimitation of its frontiers.

^b Provided that they meet certain eligibility criteria (including that the quantities of nuclear material do not exceed the limits set out in paragraph 37 of INFCIRC/153 (Corrected)), countries have the option to conclude an SQP to their CSAs that holds in abeyance the implementation of most of the detailed provisions set out in Part II of the CSAs as long as eligibility criteria continue to apply. This column contains countries whose CSA with an SQP based on the original standard text has been approved by the Board of Governors and for which, as far as the Secretariat is aware, these eligibility criteria continue to apply. For those States that have accepted the revised standard SQP text (approved by the Board of Governors on 20 September 2005) the current status is reflected.

^c The Agency also applies safeguards for Taiwan, China, under two agreements, which entered into force on 13 October 1969 (reproduced in INFCIRC/133) and 6 December 1971 (reproduced in INFCIRC/158), respectively.

¹ *Sui generis* comprehensive safeguards agreement. On 28 November 2002, upon approval by the Board of Governors, an exchange of letters entered into force confirming that the safeguards agreement satisfies the requirement of Article III of the NPT.

² Safeguards agreement is pursuant to both the Treaty of Tlatelolco and the NPT.

³ Date refers to the safeguards agreement concluded between Argentina, Brazil, ABACC and the Agency. On 18 March 1997, upon approval by the Board of Governors, an exchange of letters entered into force between Argentina and the Agency confirming that the safeguards agreement satisfies the requirements of Article 13 of the Treaty of Tlatelolco and Article III of the NPT to conclude a safeguards agreement with the Agency.

⁴ The application of safeguards for Austria under the NPT bilateral safeguards agreement (reproduced in INFCIRC/156), in force since 23 July 1972, was suspended on 31 July 1996, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Austria had acceded, entered into force for Austria.

⁵ Date refers to a safeguards agreement pursuant to Article III of the NPT. Upon approval by the Board of Governors, an exchange of letters entered into force (for Saint Lucia on 12 June 1996 and for Belize, Dominica, Saint Kitts and Nevis and Saint Vincent and the Grenadines on 18 March 1997) confirming that the safeguards agreement satisfies the requirement of Article 13 of the Treaty of Tlatelolco.

⁶ Date refers to the safeguards agreement concluded between Argentina, Brazil, ABACC and the Agency. On 10 June 1997, upon approval by the Board of Governors, an exchange of letters entered into force between Brazil and the Agency confirming that the safeguards agreement satisfies the requirement of Article 13 of the Treaty of Tlatelolco. On 20 September 1999, upon approval by the Board of Governors, an exchange of letters entered into force confirming that the safeguards agreement also satisfies the requirement of Article III of the NPT.

⁷ The application of safeguards for Bulgaria under the NPT bilateral safeguards agreement (reproduced in INFCIRC/178), in force since 29 February 1972, was suspended on 1 May 2009, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Bulgaria had acceded, entered into force for Bulgaria.

- ⁸ Date refers to a safeguards agreement pursuant to Article 13 of the Treaty of Tlatelolco. Upon approval by the Board of Governors, an exchange of letters entered into force (for Chile on 9 September 1996; for Colombia on 13 June 2001; for Panama on 20 November 2003) confirming that the safeguards agreement satisfies the requirement of Article III of the NPT.
- ⁹ The application of safeguards for Croatia under the NPT bilateral safeguards agreement (reproduced in INFCIRC/463), in force since 19 January 1995, was suspended on 1 April 2017, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Croatia had acceded, entered into force for Croatia.
- ¹⁰ The application of safeguards for Cyprus under the NPT bilateral safeguards agreement (reproduced in INFCIRC/189), in force since 26 January 1973, was suspended on 1 May 2008, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Cyprus had acceded, entered into force for Cyprus.
- ¹¹ The application of safeguards for the Czech Republic under the NPT bilateral safeguards agreement (reproduced in INFCIRC/541), in force since 11 September 1997, was suspended on 1 October 2009, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which the Czech Republic had acceded, entered into force for the Czech Republic.
- ¹² The application of safeguards for Denmark under the NPT bilateral safeguards agreement (reproduced in INFCIRC/176), in force since 1 March 1972, was suspended on 21 February 1977, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193) entered into force for Denmark. Since 21 February 1977, INFCIRC/193 also applies to the Faroe Islands. Upon Greenland's secession from Euratom as of 31 January 1985, INFCIRC/176 re-entered into force for Greenland. The Additional Protocol for Greenland entered into force on 22 March 2013 (reproduced in INFCIRC/176/Add.1).
- ¹³ The application of safeguards for Estonia under the NPT bilateral safeguards agreement (reproduced in INFCIRC/547), in force since 24 November 1997, was suspended on 1 December 2005, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Estonia had acceded, entered into force for Estonia.
- ¹⁴ The application of safeguards for Finland under the NPT bilateral safeguards agreement (reproduced in INFCIRC/155), in force since 9 February 1972, was suspended on 1 October 1995, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Finland had acceded, entered into force for Finland.
- ¹⁵ The safeguards agreement is in connection with Additional Protocol I to the Treaty of Tlatelolco.
- ¹⁶ The NPT safeguards agreement of 7 March 1972 concluded with the German Democratic Republic (reproduced in INFCIRC/181) is no longer in force with effect from 3 October 1990, on which date the German Democratic Republic acceded to the Federal Republic of Germany.
- ¹⁷ The application of safeguards for Greece under the NPT bilateral safeguards agreement (reproduced in INFCIRC/166), in force since 1 March 1972, was suspended on 17 December 1981, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Greece had acceded, entered into force for Greece.
- ¹⁸ The application of safeguards for Hungary under the NPT bilateral safeguards agreement (reproduced in INFCIRC/174), in force since 30 March 1972, was suspended on 1 July 2007, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Hungary had acceded, entered into force for Hungary.
- ¹⁹ The application of safeguards for India under the safeguards agreement between the Agency, Canada and India (reproduced in INFCIRC/211), in force since 30 September 1971, was suspended as of 20 March 2015. The application of safeguards for India under the safeguards agreements between the Agency and India reproduced in the following INFCIRCs was suspended as of 30 June 2016: INFCIRC/260, in force since 17 November 1977; INFCIRC/360, in force since 27 September 1988; INFCIRC/374, in force since 11 October 1989; and INFCIRC/433, in force since 1 March 1994. Items subject to safeguards under the aforementioned safeguards agreements are subject to safeguards under the safeguards agreement between India and the Agency (reproduced in INFCIRC/754), which entered into force on 11 May 2009.
- ²⁰ Pending entry into force, the Additional Protocol is being applied provisionally for the Islamic Republic of Iran as of 16 January 2016.
- ²¹ The application of safeguards for Latvia under the NPT bilateral safeguards agreement (reproduced in INFCIRC/434), in force since 21 December 1993, was suspended on 1 October 2008, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Latvia had acceded, entered into force for Latvia.
- ²² The application of safeguards for Lithuania under the NPT bilateral safeguards agreement (reproduced in INFCIRC/413), in force since 15 October 1992, was suspended on 1 January 2008, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Lithuania had acceded, entered into force for Lithuania.
- ²³ The application of safeguards for Malta under the NPT bilateral safeguards agreement (reproduced in INFCIRC/387), in force since 13 November 1990, was suspended on 1 July 2007, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Malta had acceded, entered into force for Malta.
- ²⁴ The safeguards agreement was concluded pursuant to both the Treaty of Tlatelolco and the NPT. The application of safeguards under an earlier safeguards agreement pursuant to the Treaty of Tlatelolco, which entered into force on 6 September 1968 (reproduced in INFCIRC/118), was suspended as of 14 September 1973.
- ²⁵ Whereas the NPT safeguards agreement and SQP with New Zealand (reproduced in INFCIRC/185) also apply to Cook Islands and Niue, the additional protocol thereto (reproduced in INFCIRC/185/Add.1) does not apply to those territories. Amendments to the SQP entered into force only for New Zealand on 24 February 2014 (reproduced in INFCIRC/185/Mod.1).
- ²⁶ The application of safeguards for Poland under the NPT bilateral safeguards agreement (reproduced in INFCIRC/179), in force since 11 October 1972, was suspended on 1 March 2007, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Poland had acceded, entered into force for Poland.
- ²⁷ The application of safeguards for Portugal under the NPT bilateral safeguards agreement (reproduced in INFCIRC/272), in force since 14 June 1979, was suspended on 1 July 1986, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Portugal had acceded, entered into force for Portugal.

- ²⁸ The application of safeguards for Romania under the NPT bilateral safeguards agreement (reproduced in INFCIRC/180), in force since 27 October 1972, was suspended on 1 May 2010, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Romania had acceded, entered into force for Romania.
- ²⁹ The NPT safeguards agreement concluded with the Socialist Federal Republic of Yugoslavia (reproduced in INFCIRC/204), which entered into force on 28 December 1973, continues to be applied for Serbia to the extent relevant to the territory of Serbia.
- ³⁰ The application of safeguards for Slovakia under the NPT bilateral safeguards agreement with the Czechoslovak Socialist Republic (reproduced in INFCIRC/173), in force since 3 March 1972, was suspended on 1 December 2005, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Slovakia had acceded, entered into force for Slovakia.
- ³¹ The application of safeguards for Slovenia under the NPT bilateral safeguards agreement (reproduced in INFCIRC/538), in force since 1 August 1997, was suspended on 1 September 2006, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Slovenia had acceded, entered into force for Slovenia.
- ³² The designation employed does not imply the expression of any opinion whatsoever concerning the legal status of any country or territory or of its authorities, or concerning the delimitation of its frontiers.
- ³³ The application of safeguards for Sweden under the NPT bilateral safeguards agreement (reproduced in INFCIRC/234), in force since 14 April 1975, was suspended on 1 June 1995, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (reproduced in INFCIRC/193), to which Sweden had acceded, entered into force for Sweden.
- ³⁴ Date refers to the INFCIRC/66-type safeguards agreement, concluded between the United Kingdom and the Agency, which remains in force.
- ³⁵ The voluntary offer safeguards agreement between the United Kingdom, Euratom and the Agency (reproduced in INFCIRC/263) and the additional protocol thereto (reproduced in INFCIRC/263/Add.1) terminated on 31 December 2020 at 23:00 GMT.
- ³⁶ The voluntary offer safeguards agreement between the United Kingdom and the Agency (reproduced in INFCIRC/951) and the additional protocol thereto (reproduced in INFCIRC/951/Add.1) entered into force on 31 December 2020 at 23:00 GMT.

Table A7. Participation in multilateral treaties for which the Director General is the depositary (status as of 31 December 2020)

	State/Organization ^a	P&I	ENC	AC	CNS	JC	CPPNM	A/CPNPM	VC	PVC	CSC	JP
*	Afghanistan						X					
*	Albania	X	X	X	X	X	X	X				
*	Algeria		X	X			X	X				
	Andorra						X					
*	Angola		X		X		X	X				
*	Antigua and Barbuda						X	X				
*	Argentina	X	X	X	X	X	X	X	X	X	X	
*	Armenia		X	X	X	X	X	X	X			
*	Australia	X	X	X	X	X	X	X				
*	Austria		X	X	X	X	X	X				
*	Azerbaijan						X	X				
*	Bahamas						X					
*	Bahrain		X		X		X	X				
*	Bangladesh		X	X	X		X	X				
*	Barbados											
*	Belarus	X	X	X	X	X	X		X	X		
*	Belgium	X	X	X	X	X	X	X				
*	Belize											
*	Benin	X	X	X	X	X	X	X	X	X	X	X
	Bhutan											
*	Bolivia, Plurinational State of	X	X	X	X	X	X	X	X			
*	Bosnia and Herzegovina	X	X	X	X	X	X	X	X	X		
*	Botswana		X	X		X	X	X				
*	Brazil	X	X	X	X	X	X		X			
*	Brunei Darussalam	X										
*	Bulgaria	X	X	X	X	X	X	X	X			X

	State/Organization ^a	P&I	ENC	AC	CNS	JC	CPPNM	A/GPPNM	VC	PVC	CSC	JP
*	Burkina Faso		X	X			X	X				
*	Burundi											
	Cabo Verde						X					
*	Cambodia		X		X		X					
*	Cameroon	X	X	X			X	X	X			X
*	Canada	X	X	X	X	X	X	X			X	
*	Central African Republic						X					
*	Chad						X	X				
*	Chile	X	X	X	X	X	X	X	X			X
*	China	X	X	X	X	X	X	X				
*	Colombia	X	X	X			X	X				
*	Comoros						X	X				
*	Congo	X										
*	Costa Rica		X	X			X	X				
*	Côte d'Ivoire	X	X	X			X	X				
*	Croatia	X	X	X	X	X	X	X	X			X
*	Cuba	X	X	X	X	X	X	X	X			
*	Cyprus	X	X	X	X	X	X	X				
*	Czech Republic	X	X	X	X	X	X	X	X			X
	Dem. People's Rep. of Korea											
*	Dem. Rep. of the Congo	X					X					
*	Denmark	X	X	X	X	X	X	X				X
*	Djibouti						X	X				
*	Dominica						X					
*	Dominican Republic		X				X	X				
*	Ecuador	X	X	X			X	X				
*	Egypt	X	X	X					X			X
*	El Salvador		X	X			X	X				

	State/Organization ^a	P&I	ENC	AC	CNS	JC	CPPNM	A/GPPNM	VC	PVC	CSC	JP
	Equatorial Guinea						X					
*	Eritrea	X	X	X		X	X	X				
*	Estonia	X	X	X	X	X	X	X	X			X
*	Eswatini						X	X				
*	Ethiopia											
*	Fiji						X	X				
*	Finland	X	X	X	X	X	X	X				X
*	France		X	X	X	X	X	X				X
*	Gabon		X	X		X	X	X				
	Gambia											
*	Georgia	X	X	X		X	X	X				
*	Germany	X	X	X	X	X	X	X				X
*	Ghana	X	X	X	X	X	X	X	X	X	X	X
*	Greece	X	X	X	X	X	X	X				X
*	Grenada						X					
*	Guatemala		X	X			X					
	Guinea						X					
	Guinea-Bissau						X					
*	Guyana						X					
*	Haiti											
*	Holy See	X										
*	Honduras						X					
*	Hungary	X	X	X	X	X	X	X	X			X
*	Iceland	X	X	X	X	X	X	X				
*	India	X	X	X	X		X	X			X	
*	Indonesia	X	X	X	X	X	X	X				
*	Iran, Islamic Republic of	X	X	X								
*	Iraq	X	X	X			X					

	State/Organization ^a	P&I	ENC	AC	CNS	JC	CPPNM	A/CPPNM	VC	PVC	CSC	JP
*	Ireland	X	X	X	X	X	X	X				
*	Israel		X	X			X	X				
*	Italy	X	X	X	X	X	X	X				X
*	Jamaica	X					X	X				
*	Japan	X	X	X	X	X	X	X			X	
*	Jordan	X	X	X	X	X	X	X	X	X		
*	Kazakhstan	X	X	X	X	X	X	X	X	X		
*	Kenya						X	X				
	Kiribati											
*	Korea, Republic of	X	X	X	X	X	X	X				
*	Kuwait	X	X	X	X		X	X				
*	Kyrgyzstan					X	X	X				
*	Lao People's Dem. Rep.		X	X			X					
*	Latvia	X	X	X	X	X	X	X	X	X		X
*	Lebanon		X	X	X		X		X			
*	Lesotho	X	X	X		X	X	X				
*	Liberia											
*	Libya		X	X	X		X	X				
*	Liechtenstein		X	X			X	X				
*	Lithuania	X	X	X	X	X	X	X	X			X
*	Luxembourg	X	X	X	X	X	X	X				
*	Madagascar		X	X	X	X	X	X				
*	Malawi						X					
*	Malaysia		X	X								
	Maldives											
*	Mali		X	X	X		X	X				
*	Malta				X	X	X	X				
*	Marshall Islands						X	X				

	State/Organization ^a	P&I	ENC	AC	CNS	JC	CPPNM	A/GPPNM	VC	PVC	CSC	JP
*	Mauritania		X	X		X	X	X				
*	Mauritius	X	X	X		X			X			
*	Mexico	X	X	X	X	X	X	X	X			
	Micronesia, Federated States of											
*	Monaco		X	X			X	X				
*	Mongolia	X	X	X			X					
*	Montenegro	X	X	X	X	X	X	X	X	X	X	X
*	Morocco	X	X	X	X	X	X	X		X	X	
*	Mozambique	X	X	X			X					
*	Myanmar		X		X		X	X				
*	Namibia		X	X			X	X				
	Nauru						X	X				
*	Nepal											
*	Netherlands	X	X	X	X	X	X	X				X
*	New Zealand	X	X	X			X	X				
*	Nicaragua	X	X	X			X	X				
*	Niger	X		X	X	X	X	X	X	X		
*	Nigeria	X	X	X	X	X	X	X	X			
	Niue						X					
*	North Macedonia		X	X	X	X	X	X	X			
*	Norway	X	X	X	X	X	X	X				X
*	Oman	X	X	X	X	X	X					
*	Pakistan	X	X	X	X		X	X				
*	Palau	X					X					
	Palestine						X ^b	X ^b				
*	Panama		X	X			X	X				
*	Papua New Guinea											
*	Paraguay	X	X	X	X	X	X	X				

	State/Organization ^a	P&I	ENC	AC	CNS	JC	CPPNM	A/CPPNM	VC	PVC	CSC	JP
*	Peru		X	X	X	X	X	X	X			
*	Philippines	X	X	X			X		X			
*	Poland	X	X	X	X	X	X	X	X	X		X
*	Portugal	X	X	X	X	X	X	X				
*	Qatar		X	X			X	X				
*	Republic of Moldova	X	X	X	X	X	X	X	X			
*	Romania	X	X	X	X	X	X	X	X	X	X	X
*	Russian Federation	X	X	X	X	X	X	X	X			
*	Rwanda						X		X			
	Saint Kitts and Nevis						X	X				
*	Saint Lucia						X	X				
*	Saint Vincent and the Grenadines		X	X					X			X
	Samoa											
*	San Marino						X	X				
	Sao Tome and Principe											
*	Saudi Arabia		X	X	X	X	X	X	X	X		
*	Senegal	X	X	X	X	X	X	X	X			
*	Serbia	X	X	X	X	X	X	X	X			
*	Seychelles						X	X				
*	Sierra Leone											
*	Singapore	X	X	X	X		X	X				
*	Slovakia	X	X	X	X	X	X	X	X			X
*	Slovenia	X	X	X	X	X	X	X				X
	Solomon Islands											
	Somalia											
*	South Africa	X	X	X	X	X	X					
	South Sudan											
*	Spain	X	X	X	X	X	X	X				

	State/Organization ^a	P&I	ENC	AC	CNS	JC	CPPNM	A/GPPNM	VC	PVC	CSC	JP
*	Sri Lanka		X	X	X							
*	Sudan						X					
	Suriname											
*	Sweden	X	X	X	X	X	X	X				X
*	Switzerland	X	X	X	X	X	X	X				
*	Syrian Arab Republic	X	X	X	X		X	X				
*	Tajikistan	X	X	X		X	X	X				
*	Thailand	X	X	X	X	X	X	X				
	Timor Leste											
*	Togo						X					
	Tonga						X					
*	Trinidad and Tobago						X		X			
*	Tunisia	X	X	X	X		X	X				
*	Turkey	X	X	X	X		X	X				X
*	Turkmenistan						X	X				
	Tuvalu											
*	Uganda						X					
*	Ukraine	X	X	X	X	X	X	X	X			X
*	United Arab Emirates		X	X	X	X	X	X		X	X	X
*	United Kingdom	X	X	X	X	X	X	X				
*	United Republic of Tanzania		X	X			X					
*	United States of America		X	X	X	X	X	X			X	
*	Uruguay		X	X	X	X	X	X	X			X
*	Uzbekistan					X	X	X				
*	Vanuatu											
*	Venezuela, Bolivarian Republic of		X									
*	Viet Nam	X	X	X	X	X	X	X				
*	Yemen						X					

	State/Organization ^a	P&I	ENC	AC	CNS	JC	CPPNM	A/CPPNM	VC	PVC	CSC	JP
*	Zambia						X					
*	Zimbabwe											
	Euratom		X	X	X	X	X	X				
	FAO		X	X								
	WHO		X	X								
	WMO		X	X								

P&I	Agreement on the Privileges and Immunities of the IAEA
ENC	Convention on Early Notification of a Nuclear Accident
AC	Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency
CNS	Convention on Nuclear Safety
JC	Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management
CPPNM	Convention on the Physical Protection of Nuclear Material
A/CPPNM	Amendment to the Convention on the Physical Protection of Nuclear Material
VC	Vienna Convention on Civil Liability for Nuclear Damage
PVC	Protocol to Amend the Vienna Convention on Civil Liability for Nuclear Damage
CSC	Convention on Supplementary Compensation for Nuclear Damage
JP	Joint Protocol Relating to the Application of the Vienna Convention and the Paris Convention
*	Agency Member State
X	Party

^a An entry in this column does not imply the expression of any opinion whatsoever on the part of the Agency concerning the legal status of any country or territory or of its authorities, or concerning the delimitation of its frontiers.

^b Acceded as State of Palestine.

Table A8. Member States that have concluded a Revised Supplementary Agreement (RSA) Concerning the Provision of Technical Assistance by the Agency (status as of 31 December 2020)^a

Afghanistan	Georgia	North Macedonia
Albania	Ghana	Oman
Algeria	Greece	Pakistan
Angola	Guatemala	Palau
Antigua and Barbuda	Guyana	Panama
Argentina	Haiti	Paraguay
Armenia	Honduras	Peru
Azerbaijan	Hungary	Philippines
Bahrain	Iceland	Poland
Bangladesh	Indonesia	Portugal
Belarus	Iran, Islamic Republic of	Qatar
Belize	Iraq	Republic of Moldova
Benin	Ireland	Romania
Bolivia, Plurinational State of	Israel	Rwanda
Bosnia and Herzegovina	Jamaica	Saint Lucia
Botswana	Jordan	Saint Vincent and the Grenadines
Brazil	Kazakhstan	Saudi Arabia
Bulgaria	Kenya	Senegal
Burkina Faso	Korea, Republic of	Serbia
Burundi	Kuwait	Seychelles
Cambodia	Kyrgyzstan	Sierra Leone
Cameroon	Lao People's Democratic Republic	Singapore
Central African Republic	Latvia	Slovakia
Chad	Lebanon	Slovenia
Chile	Lesotho	South Africa
China	Liberia	Spain
Colombia	Libya	Sri Lanka
Congo	Lithuania	Sudan
Costa Rica	Madagascar	Syrian Arab Republic
Côte d'Ivoire	Malawi	Tajikistan
Croatia	Malaysia	Thailand
Cuba	Mali	Togo
Cyprus	Malta	Trinidad and Tobago
Czech Republic	Marshall Islands	Tunisia
Democratic Republic of the Congo	Mauritania	Turkey
Djibouti	Mauritius	Turkmenistan
Dominica	Mexico	Uganda
Dominican Republic	Mongolia	Ukraine
Ecuador	Montenegro	United Arab Emirates
Egypt	Morocco	United Republic of Tanzania
El Salvador	Mozambique	Uruguay
Eritrea	Myanmar	Uzbekistan
Estonia	Namibia	Vanuatu
Eswatini	Nepal	Venezuela, Bolivarian Republic of
Ethiopia	Nicaragua	Viet Nam
Fiji	Niger	Zambia
Gabon	Nigeria	Zimbabwe

^a In 2020, no State concluded an RSA with the Agency. By the end of the year, there were 141 States party to an RSA.

Table A9. Acceptance of Amendment to Article VI of the Agency's Statute (status as of 31 December 2020)^a

Afghanistan	Greece	Norway
Albania	Holy See	Pakistan
Algeria	Hungary	Panama
Argentina	Iceland	Peru
Austria	Ireland	Poland
Belarus	Israel	Portugal
Bosnia and Herzegovina	Italy	Republic of Moldova
Brazil	Japan	Romania
Bulgaria	Kazakhstan	San Marino
Canada	Korea, Republic of	Slovakia
Colombia	Latvia	Slovenia
Croatia	Libya	South Africa
Cyprus	Liechtenstein	Spain
Czech Republic	Lithuania	Sweden
Denmark	Luxembourg	Switzerland
El Salvador	Malta	Tunisia
Estonia	Mexico	Turkey
Ethiopia	Monaco	Ukraine
Finland	Morocco	United Kingdom
France	Myanmar	Uruguay
Germany	Netherlands	

^a In 2020, no State accepted the Amendment to Article VI of the Agency's Statute. By the end of the year, there were 62 States.

**Table A10. Acceptance of Amendment to Article XIV.A of the Agency's Statute
(status as of 31 December 2020)^a**

Albania	Greece	Norway
Algeria	Holy See	Pakistan
Argentina	Hungary	Peru
Australia	Iceland	Poland
Austria	Iran, Islamic Republic of	Portugal
Belarus	Ireland	Republic of Moldova
Bosnia and Herzegovina	Italy	Romania
Brazil	Japan	San Marino
Bulgaria	Kazakhstan	Seychelles
Canada	Kenya	Slovakia
Colombia	Korea, Republic of	Slovenia
Croatia	Latvia	South Africa
Cyprus	Liechtenstein	Spain
Czech Republic	Lithuania	Sweden
Denmark	Luxembourg	Switzerland
Ecuador	Malta	Syrian Arab Republic
Estonia	Mexico	Tunisia
Finland	Monaco	Turkey
France	Myanmar	Ukraine
Germany	Netherlands	United Kingdom

^a In 2020, no State accepted the Amendment to Article XIV.A of the Agency's Statute. By the end of the year, there were 60 States.

Table A11. Multilateral treaties negotiated and adopted under the auspices of the Agency and/or for which the Director General is the depositary (status and relevant developments)

Agreement on the Privileges and Immunities of the IAEA (reproduced in INFCIRC/9/Rev.2). In 2020, there was 1 new Party to the Agreement. By the end of the year, there were 91 Parties.

Convention on Early Notification of a Nuclear Accident (reproduced in INFCIRC/335). Entered into force on 27 October 1986. In 2020, there were 3 new Parties to the Convention. By the end of the year, there were 127 Parties.

Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency (reproduced in INFCIRC/336). Entered into force on 26 February 1987. In 2020, there were 3 new Parties to the Convention. By the end of the year, there were 122 Parties.

Convention on Nuclear Safety (reproduced in INFCIRC/449). Entered into force on 24 October 1996. In 2020, there was 1 new Party to the Convention and 1 new Contracting State. By the end of the year, there were 89 Parties and 1 Contracting State.

Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (reproduced in INFCIRC/546). Entered into force on 18 June 2001. In 2020, there was 1 new Party to the Convention. By the end of the year, there were 83 Parties.

Convention on the Physical Protection of Nuclear Material (reproduced in INFCIRC/274/Rev.1). Entered into force on 8 February 1987. In 2020, there were 3 new Parties to the Convention. By the end of the year, there were 162 Parties.

Amendment to the Convention on the Physical Protection of Nuclear Material. Entered into force on 8 May 2016. In 2020, there were 3 new Parties to the Amendment. By the end of the year, there were 125 Parties.

Vienna Convention on Civil Liability for Nuclear Damage (reproduced in INFCIRC/500). Entered into force on 12 November 1977. In 2020, there was 1 new Party to the Convention. By the end of the year, there were 43 Parties.

Optional Protocol Concerning the Compulsory Settlement of Disputes (reproduced in INFCIRC/500/Add.3). Entered into force on 13 May 1999. In 2020, the status of the Protocol remained unchanged with 2 Parties.

Protocol to Amend the Vienna Convention on Civil Liability for Nuclear Damage (reproduced in INFCIRC/566). Entered into force on 4 October 2003. In 2020, there was 1 new Party to the Protocol. By the end of the year, there were 15 Parties.

Convention on Supplementary Compensation for Nuclear Damage (reproduced in INFCIRC/567). Entered into force on 15 April 2015. In 2020, the status of the Convention remained unchanged with 11 Parties.

Joint Protocol Relating to the Application of the Vienna Convention and the Paris Convention (reproduced in INFCIRC/402). Entered into force on 27 April 1992. In 2020, there was 1 new Party to the Protocol. By the end of the year, there were 31 Parties.

Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology, 2017 (2017 RCA) (reproduced in INFCIRC/919). Entered into force on 11 June 2017. In 2020, there were 2 new Parties to the Agreement. By the end of the year, there were 19 Parties.

African Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology (AFRA) (reproduced in INFCIRC/935). Entered into force on 4 April 2020. By the end of the year, there were 11 Parties.

Co-operation Agreement for the Promotion of Nuclear Science and Technology in Latin America and the Caribbean (ARCAL) (Second Extension) (reproduced in INFCIRC/582/Add. 5). Entered into force on 5 September 2020. By the end of the year, there were 15 Parties.

Co-operative Agreement for Arab States in Asia for Research, Development and Training Related to Nuclear Science and Technology (ARASIA) (reproduced in INFCIRC/929). Entered into force on 28 July 2020. By the end of the year, there were 4 Parties.

Agreement on the Establishment of the ITER International Fusion Energy Organization for the Joint Implementation of the ITER Project (reproduced in INFCIRC/702). Entered into force on 24 October 2007. In 2020, the status of the Agreement remained unchanged with 7 Parties.

Agreement on the Privileges and Immunities of the ITER International Fusion Energy Organization for the Joint Implementation of the ITER Project (reproduced in INFCIRC/703). Entered into force on 24 October 2007. In 2020, the status of the Agreement remained unchanged with 6 Parties.

**Table A12. Nuclear power reactors in operation and under construction in the world
(as of 31 December 2020)^a**

Country	Reactors in operation		Reactors under construction		Nuclear electricity supplied in 2020		Total operating experience through 2020	
	No. of units	Total MW(e)	No. of units	Total MW(e)	TW-h	% of total	Years	Months
Argentina	3	1 641	1	25	10.0	7.5	91	2
Armenia	1	415			2.6	34.5	46	8
Bangladesh			2	2 160				
Belarus	1	1 110	1	1 110	0.3	1.0	0	2
Belgium	7	5 942			32.8	39.1	310	7
Brazil	2	1 884	1	1 340	13.2	2.1	59	3
Bulgaria	2	2 006			15.9	40.8	169	3
Canada	19	13 624			92.2	14.6	788	6
China	50	47 528	13	12 565	344.7	4.9	418	8
Czech Republic	6	3 934			28.4	37.3	176	10
Finland	4	2 794	1	1 600	22.4	33.9	167	4
France	56	61 370	1	1 630	338.7	70.6	2 337	0
Germany	6	8 113			60.9	11.3	852	7
Hungary	4	1 902			15.2	48.0	142	2
India	22	6 255	7	4 824	40.4	3.3	548	11
Iran, Islamic Republic of	1	915	1	974	5.8	1.7	9	4
Japan	33	31 679	2	2 653	43.1	5.1	1 932	6
Kazakhstan							25	10
Korea, Republic of	24	23 150	4	5 360	152.6	29.6	596	2
Mexico	2	1 552			10.9	4.9	57	11
Netherlands	1	482			3.9	3.3	76	0
Pakistan	5	1 318	2	2 028	9.6	7.1	87	5
Romania	2	1 300			10.6	19.9	37	11
Russian Federation	38	28 578	3	3 459	201.8	20.6	1 372	5
Slovakia	4	1 837	2	880	14.4	53.1	176	7

Country	Reactors in operation		Reactors under construction		Nuclear electricity supplied in 2020		Total operating experience through 2020	
	No. of units	Total MW(e)	No. of units	Total MW(e)	TW·h	% of total	Years	Months
Slovenia	1	688			6.0	37.8	39	3
South Africa	2	1 860			11.6	5.9	72	3
Spain	7	7 121			55.8	22.2	350	1
Sweden	6	6 882			47.4	29.8	474	0
Switzerland	4	2 960			23.0	32.9	228	11
Turkey			2	2 228	NA	NA		
Ukraine	15	13 107	2	2 070	71.5	51.2	533	6
United Arab Emirates	1	1 345	3	4 035	1.6	1.1	0	5
United Kingdom	15	8 923	2	3 260	45.7	14.5	1 634	7
United States of America	94	96 553	2	2 234	789.9	19.7	4 600	10
Total ^{b,c}	442	392 612	52	54 435	2 553.2		18 772	10

Note: NA = Not applicable.

^a Data are from the IAEA's Power Reactor Information System (PRIS) (www.iaea.org/pris) as of 1 June 2021.

^b The total figures include the following data from Taiwan, China: 4 units, 3844 MW(e) in operation.

^c The total operating experience also includes shutdown plants in Italy (80 years, 8 months), Kazakhstan (25 years, 10 months) and Lithuania (43 years, 6 months), and shutdown and operational plants in Taiwan, China (232 years, 8 months).

Table A13. Member State participation in selected Agency activities in 2020

Member State	No. of research contracts and agreements	No. of Collaborating Centres	Services provided to Member States		
			ALMERA ^a	Dosimetry audits for radiotherapy	Plant irradiation services
Afghanistan					
Albania	2			6	
Algeria	6				
Angola					
Antigua and Barbuda					
Argentina	46	1	2	3	
Armenia	2				
Australia	42	1	3		
Austria	9		4		
Azerbaijan	2				
Bahamas	1				
Bahrain					
Bangladesh	17				
Barbados					
Belarus	6		1		
Belgium	17		2		
Belize					
Benin	1				
Bolivia, Plurinational State of	1				
Bosnia and Herzegovina	1		3	7	
Botswana	1				
Brazil	58	3	4		
Brunei Darussalam					
Bulgaria	7		2	19	
Burkina Faso	9	1			

Member State	No. of research contracts and agreements	No. of Collaborating Centres	Services provided to Member States		
			ALMERA ^a	Dosimetry audits for radiotherapy	Plant irradiation services
Burundi					
Cambodia				3	
Cameroon	5				1
Canada	35		3		
Central African Republic					
Chad	1				
Chile	12		1		
China	100	2	3		
Colombia	5				
Congo					
Costa Rica	10	1	1		
Côte d'Ivoire	1				
Croatia	13		2	12	1
Cuba	14		3		
Cyprus			1	3	1
Czech Republic	8		1		
Dem. Rep. of the Congo					
Denmark	4		1		
Djibouti					
Dominica					
Dominican Republic					
Ecuador	7		1		
Egypt	20	1	1		
El Salvador					
Eritrea					
Estonia	4		1	4	

Member State	No. of research contracts and agreements	No. of Collaborating Centres	Services provided to Member States		
			ALMERA ^a	Dosimetry audits for radiotherapy	Plant irradiation services
Eswatini					1
Ethiopia	9		1	2	
Fiji					
Finland	12		1		
France	58	2	5		
Gabon					
Georgia	1				
Germany	44		6		3
Ghana	14				
Greece	18		6		
Grenada					
Guatemala	7			2	
Guyana					
Haiti					
Holy See					
Honduras				2	
Hungary	20	2	3	21	1
Iceland			1		
India	72	1	3	6	
Indonesia	27	2	1	9	
Iran, Islamic Republic of	17		3		
Iraq			1	8	
Ireland	2		1		1
Israel	11		2	12	
Italy	41	3	8		
Jamaica	7		1		

Member State	No. of research contracts and agreements	No. of Collaborating Centres	Services provided to Member States		
			ALMERA ^a	Dosimetry audits for radiotherapy	Plant irradiation services
Japan	43	2	5		
Jordan	5		1	3	
Kazakhstan	1		1		
Kenya	15		1	4	1
Korea, Republic of	37	2	2		
Kuwait	6	1	1		
Kyrgyzstan	2				
Lao People's Dem. Rep.	1				
Latvia			1	5	
Lebanon	7		1	9	
Lesotho					
Liberia					
Libya				4	
Liechtenstein					
Lithuania	9		3	9	
Luxembourg	1		1		
Madagascar	3		1		
Malawi					
Malaysia	25	1	1	25	
Mali	1				
Malta					
Marshall Islands					
Mauritania					
Mauritius	5				
Mexico	32	2	3	13	
Monaco					
Mongolia	3		1		

Member State	No. of research contracts and agreements	No. of Collaborating Centres	Services provided to Member States		
			ALMERA ^a	Dosimetry audits for radiotherapy	Plant irradiation services
Montenegro	1		1		
Morocco	23	1	1		
Mozambique				3	
Myanmar	4		1	6	
Namibia	2			1	1
Nepal	1			15	
Netherlands	11	1	4		2
New Zealand	6		1		
Nicaragua	1				
Niger					1
Nigeria	4			1	1
North Macedonia	5		1	3	
Norway	3	1	2		
Oman					
Pakistan	39	1	1	12	
Palau					
Panama	1		1		
Papua New Guinea	1				
Paraguay					
Peru	9		1		
Philippines	12	1	1		
Poland	24	1	6		
Portugal	12	1	1		
Qatar			1		
Republic of Moldova				3	
Romania	19		4	32	
Russian Federation	52	1	4		

Member State	No. of research contracts and agreements	No. of Collaborating Centres	Services provided to Member States		
			ALMERA ^a	Dosimetry audits for radiotherapy	Plant irradiation services
Rwanda					
Saint Lucia					
Saint Vincent and the Grenadines					
San Marino					
Saudi Arabia	6	1	1	8	
Senegal	7			3	1
Serbia	10		5	16	1
Seychelles					
Sierra Leone					
Singapore	9		3		
Slovakia	7		3		
Slovenia	10		1	4	
South Africa	30		3	16	
Spain	42	2	2		
Sri Lanka	12		1	13	
Sudan	7			3	
Sweden	9		2		
Switzerland	10	2	3		
Syrian Arab Republic	9		1		
Tajikistan			1	1	
Thailand	27	1	2	33	
Togo					1
Trinidad and Tobago	1			2	
Tunisia	17		1	4	
Turkey	20		2	21	
Turkmenistan					

Member State	No. of research contracts and agreements	No. of Collaborating Centres	Services provided to Member States		
			ALMERA ^a	Dosimetry audits for radiotherapy	Plant irradiation services
Uganda	6				
Ukraine	24		1	4	
United Arab Emirates	2	1	3		
United Kingdom	43	1	5		
United Republic of Tanzania	3			1	1
United States of America	107	1	7		
Uruguay	8		1		1
Uzbekistan			1		
Vanuatu					
Venezuela, Bolivarian Republic of			2		
Viet Nam	21	1	3		
Yemen					
Zambia	7		1		3
Zimbabwe	3				
Total	1710	46	192	396	23

^a ALMERA: Analytical Laboratories for the Measurement of Environmental Radioactivity.

Table A14. Advisory Missions on Regulatory Infrastructure for Radiation Safety (AMRAS) in 2020

Type	Country
AMRAS	Myanmar

Table A15. Education and Training Appraisal (EduTA) missions in 2020

Type	Country
EduTA	Jordan

Table A16. IAEA-designated International Centres based on Research Reactors (ICERR)

Type	Organization/Research Centre	Country	Year of designation
ICERR	Institute for Nuclear Research Pitesti	Romania	2020
ICERR redesignation	Research Centres of Saclay and Cadarache, in partnership with the Institute for Radiological Protection and Nuclear Safety	France	2020
ICERR	Korea Atomic Energy Research Institute	Republic of Korea	2019
ICERR	Nuclear Research Centre SCK•CEN	Belgium	2017
ICERR	Idaho and Oak Ridge National Laboratories of the US Department of Energy	United States of America	2017
ICERR	Research Institute of Atomic Reactors	Russian Federation	2016
ICERR	Research Centres of Saclay and Cadarache	France	2015

Table A17. Integrated missions of the Agency's Programme of Action for Cancer Therapy (imPACT) in 2020

Type	Country
imPACT	Central African Republic
imPACT	Mali
imPACT	Senegal

Table A18. Integrated Nuclear Infrastructure Review (INIR) missions in 2020

Type	Country
INIR Phase 3	Belarus

Table A19. International Nuclear Management Academy (INMA) members designated in 2020

Type	Organization/Research Centre	Country	Year of designation
INMA	Budapest University of Technology and Economics	Hungary	2020
INMA	North-West University	South Africa	2020
INMA	University of the Witwatersrand	South Africa	2020

Table A20. Integrated Safety Assessment of Research Reactors (INSARR) missions in 2020

Type	Country
INSARR	Czech Republic

Table A21. Integrated Regulatory Review Service (IRRS) missions in 2020

Type	Country
IRRS follow-up	Japan
IRRS follow-up	Lithuania
IRRS follow-up	Malta

Table A22. Knowledge Management Assist Visit (KMAV) missions in 2020

Type	Organization/nuclear power plant	Country
KMAV	Chilean Nuclear Energy Commission	Chile
KMAV	Radioactive Waste Management Organization (PURAM)	Hungary
KMAV	Radioactive Waste Management Organization (ANDR)	Romania
KMAV	National organizations involved with developing the national nuclear programme	Uzbekistan
KMAV	National organizations involved with nuclear technology and potential future new nuclear power programmes	Viet Nam

Table A23. Operational Safety Review Team (OSART) missions in 2020

Type	Country
OSART	Pakistan
OSART follow-up	Finland

Table A24. Peer Review of Operational Safety Performance Experience (PROSPER) missions in 2020

Type	Country
PROSPER	Belgium

Table A25. Safety Aspects of Long Term Operation (SALTO) missions in 2020

Type	Country
SALTO	Romania
SALTO follow-up	Sweden

Table A26. Technical Safety Reviews (TSRs) in 2020

Type	Country
Safety Requirements Review	Nigeria
Design Safety Review	Hungary

Table A27. Safety Culture Continuous Improvement Process (SCCIP) missions in 2020

Type	Country
SCCIP	Russian Federation