



ICAO

TRAINING



TRAINING IN FIGURES

TRAINAIR PLUS

2020

A STATISTICAL ABSTRACT OF ICAO TRAINING ACTIVITIES

ICAO TRAINING IN FIGURES 2020

Since the onset of the COVID-19 pandemic in 2020, the Global Aviation Training Section (GAT) has had to readjust its training priorities and implement mitigation strategies in an effort to support ICAO Member States and TRAINAIR PLUS Members. Consequently, GAT has been working tirelessly to convert its existing classroom courses into virtual training and to develop a Key Competencies Programme focused on COVID-19-related issues with a series of new online courses.

This edition of the ICAO Training in Figures presents a statistical overview of training activities undertaken in 2020 by GAT, TRAINAIR PLUS Members, and ICAO's Air Transport Bureau (ATB) through its network of regional Aviation Security Training Centres (ASTCs). It also highlights the gender distribution across all regions in an effort to promote gender balance in training. By illustrating disaggregated data between men and women, we hope to mobilize the training community in addressing the gender disparity and encourage participation of women in the global aviation sector.

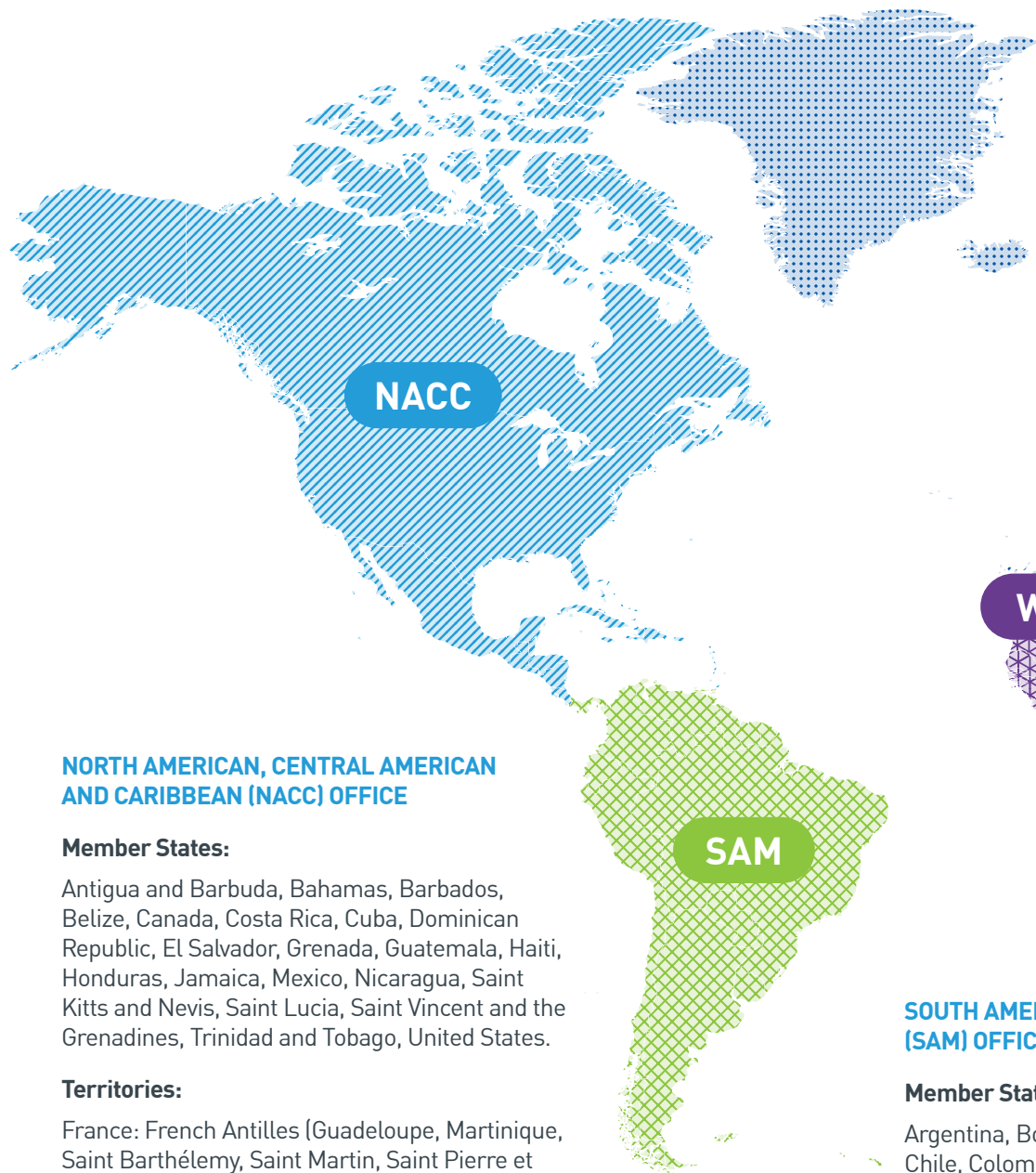
This booklet is distributed to ICAO Member States, TRAINAIR PLUS Members, ASTCs and international organizations.

The online version of ICAO's Training in Figures 2020 is also accessible at www.icao.int/training, where it can be downloaded in its full version or browsed per individual thematic sections.

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Please note that the contents of this Statistical Abstract is with data as of 31 December 2020.



NORTH AMERICAN, CENTRAL AMERICAN AND CARIBBEAN (NACC) OFFICE

Member States:

Antigua and Barbuda, Bahamas, Barbados, Belize, Canada, Costa Rica, Cuba, Dominican Republic, El Salvador, Grenada, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago, United States.

Territories:

France: French Antilles (Guadeloupe, Martinique, Saint Barthélemy, Saint Martin, Saint Pierre et Miquelon)

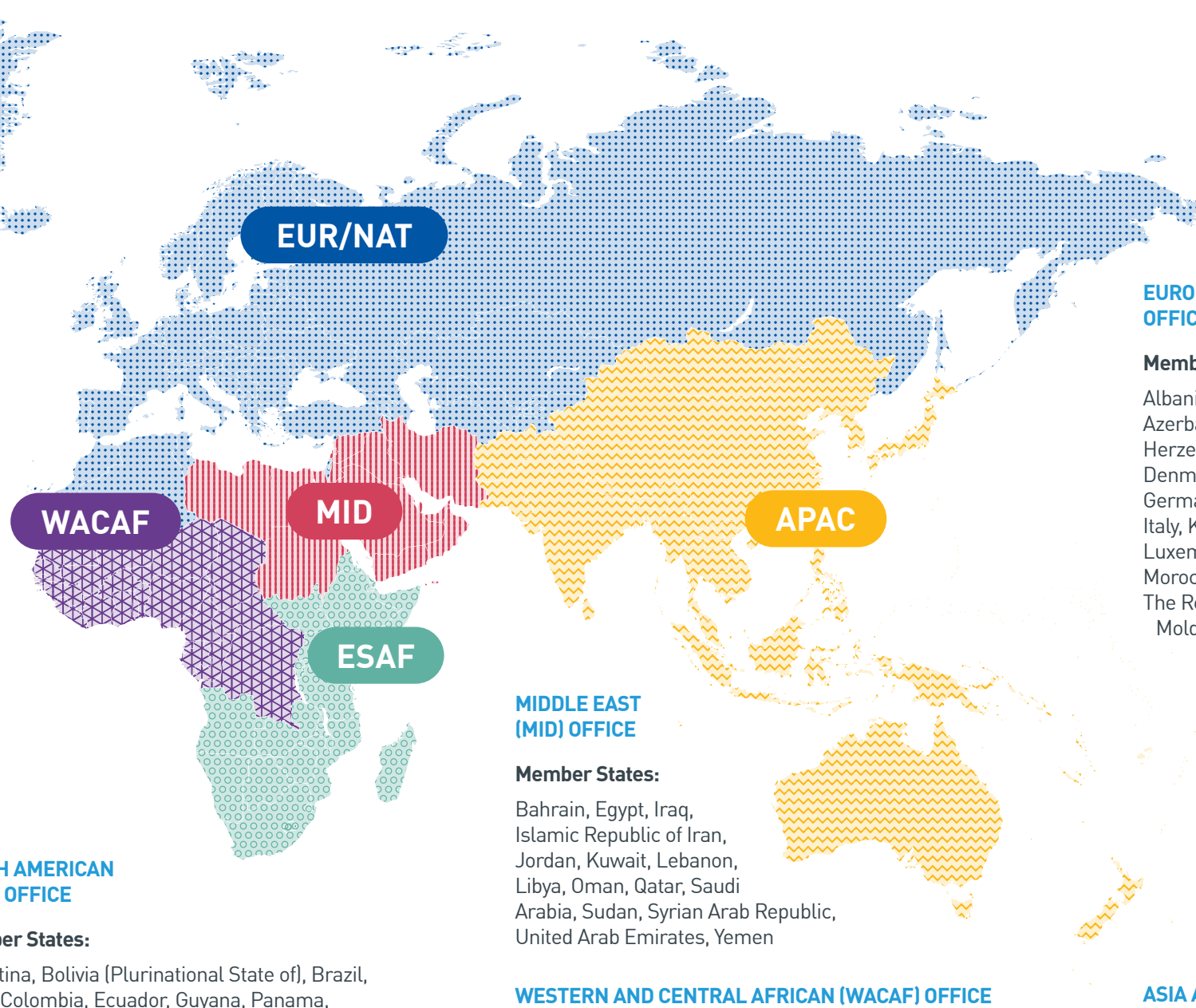
Netherlands: Aruba, Curaçao, Sint Maarten, Bonaire, Saba, Sint Eustatius

United Kingdom: Anguilla, Bermuda, British Virgin Islands, Cayman Islands, Montserrat, Turks and Caicos Islands

United States: Puerto Rico, Virgin Islands.

GLOSSARY

ICAO Regional Offices: the Regional Offices are primarily responsible for maintaining continuous liaison with the States to which they are accredited and with appropriate organizations, regional civil aviation bodies and UN Agencies and programmes. They ensure interregional coordination and promote the timely and harmonized implementation of ICAO policies, resolutions, decisions, Standards and Recommended Practices (SARPs) and air navigation and aviation safety plans. There are seven ICAO Regional Offices.



EUROPEAN AND NORTH ATLANTIC (EUR/NAT) OFFICE

Member States:

Albania, Algeria, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Luxembourg, Malta, Monaco, Montenegro, Morocco, Netherlands, Norway, Poland, Portugal, The Republic of North Macedonia, Republic of Moldova, Romania, Russian Federation, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, United Kingdom, Uzbekistan.

ASIA AND PACIFIC (APAC) OFFICE

Member States:

Afghanistan, Australia, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, China, Hong Kong China, Macao China, Cook Islands, Democratic People's Republic of Korea, Fiji, India, Indonesia, Japan, Kiribati, Lao People's Democratic Republic, Malaysia, Maldives, Marshall Islands, Micronesia (Federated States of), Mongolia, Myanmar, Nauru, Nepal, New Zealand, Pakistan, Palau, Papua New Guinea, Philippines, Republic of Korea, Samoa, Singapore, Solomon Islands, Sri Lanka, Thailand, Timor Leste, Tonga, Tuvalu, Vanuatu, Viet Nam.

SOUTH AMERICAN (SAM) OFFICE

Member States:

Argentina, Bolivia (Plurinational State of), Brazil, Chile, Colombia, Ecuador, Guyana, Panama, Paraguay, Peru, Suriname, Uruguay, Venezuela (Bolivarian Republic of).

Liaison carried out with:

France: French Guiana
United Kingdom: Falkland Islands (Malvinas)*

* A dispute exists between the government of Argentina and the government of Great Britain and Northern Ireland concerning the sovereignty of the Falkland Islands (Malvinas).

MIDDLE EAST (MID) OFFICE

Member States:

Bahrain, Egypt, Iraq, Islamic Republic of Iran, Jordan, Kuwait, Lebanon, Libya, Oman, Qatar, Saudi Arabia, Sudan, Syrian Arab Republic, United Arab Emirates, Yemen

WESTERN AND CENTRAL AFRICAN (WACAF) OFFICE

Member States:

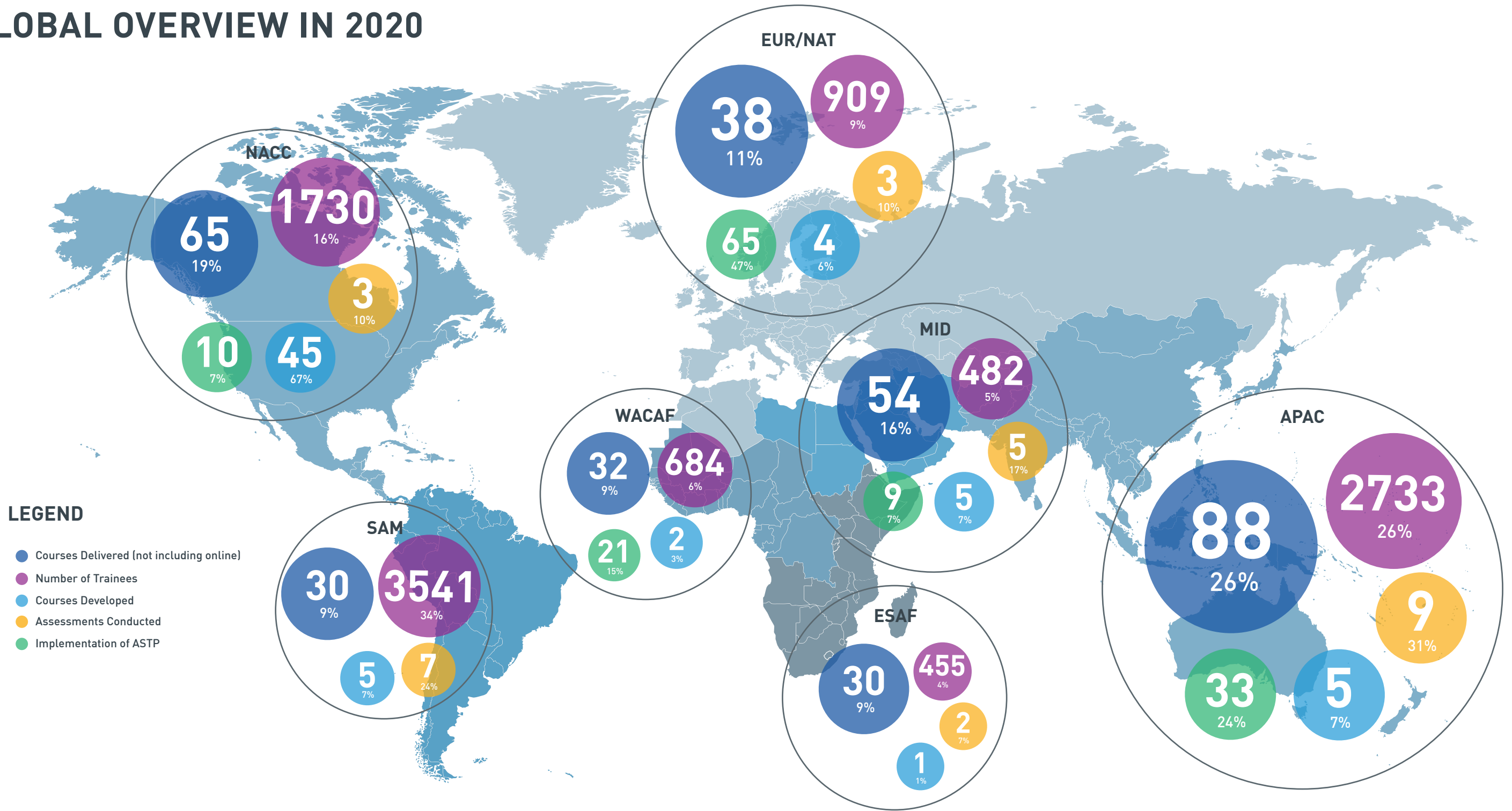
Benin, Burkina Faso, Cameroon, Cape Verde, Central African Republic, Chad, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mali, Mauritania, Niger, Nigeria, Sao Tome and Principe, Senegal, Sierra Leone, Togo.

EASTERN AND SOUTHERN AFRICAN (ESAF) OFFICE

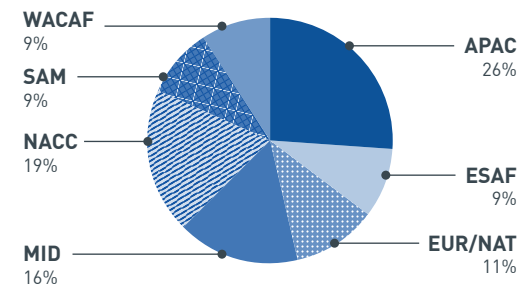
Member States:

Angola, Botswana, Burundi, Comoros, Djibouti, Eritrea, Ethiopia, Kenya, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Rwanda, Seychelles, Somalia, South Africa, South Sudan, Swaziland, Uganda, United Republic of Tanzania, Zambia, Zimbabwe.

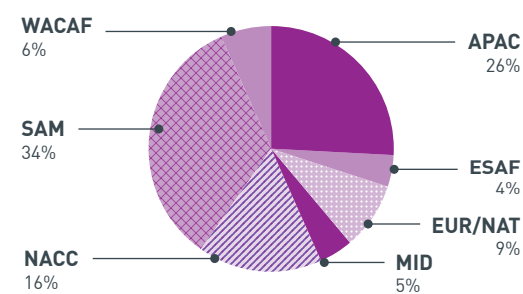
GLOBAL OVERVIEW IN 2020



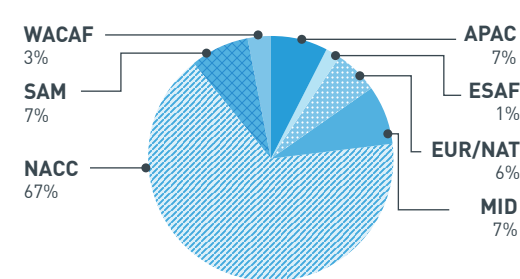
DELIVERY



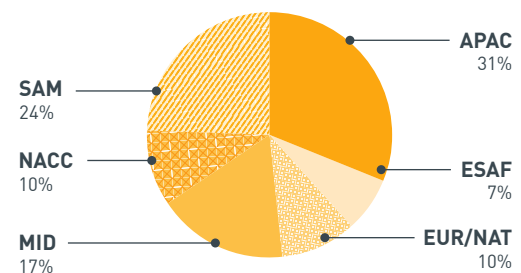
TRAINEES



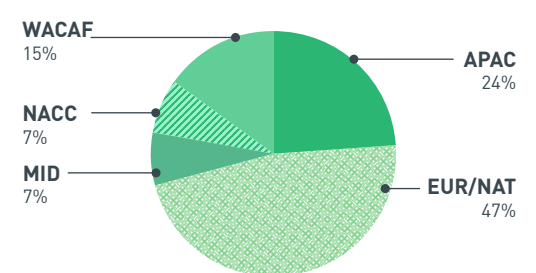
DEVELOPMENT



ASSESSMENT



ASTP IMPLEMENTATION

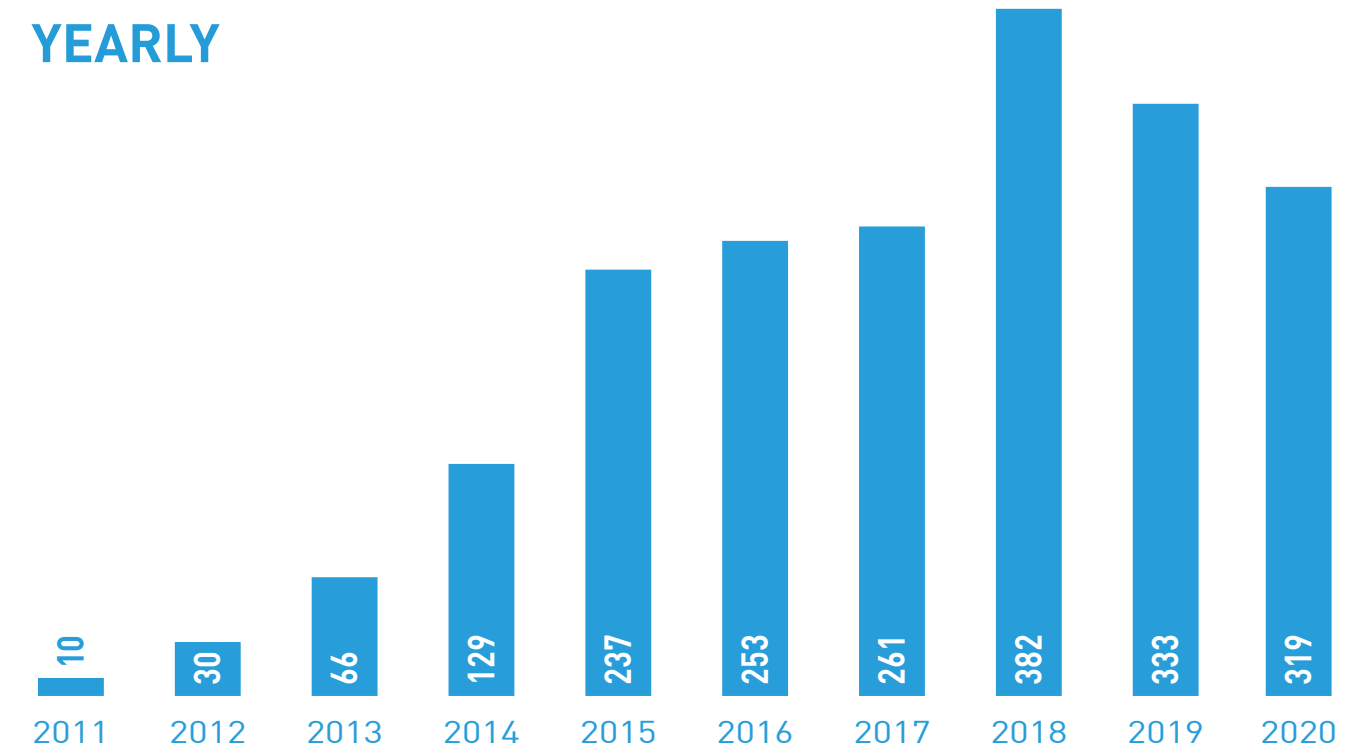


COURSE DELIVERY

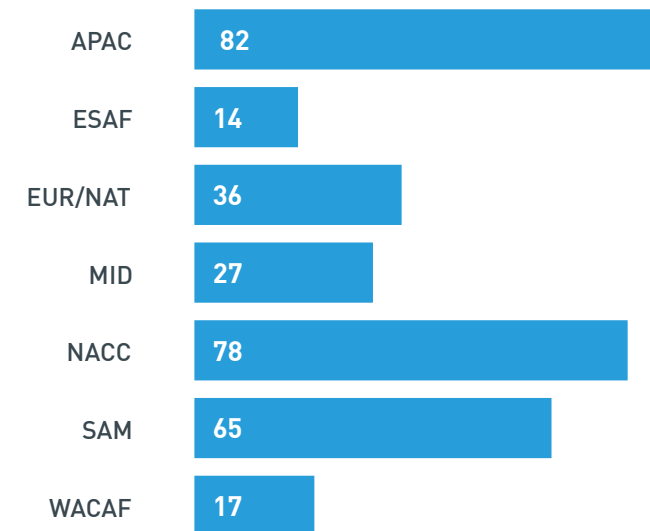


NUMBER DELIVERIES IN 2020 (Excluding online courses)

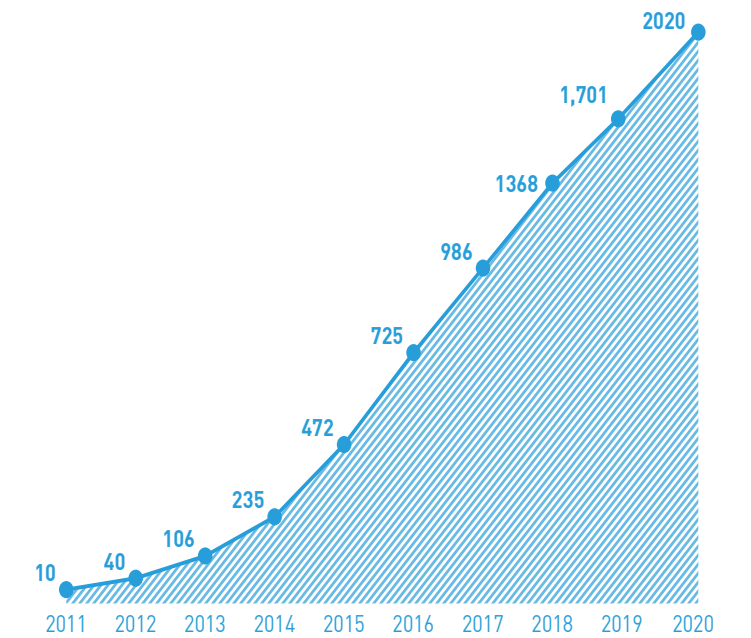
YEARLY



PER REGION



CUMULATIVE



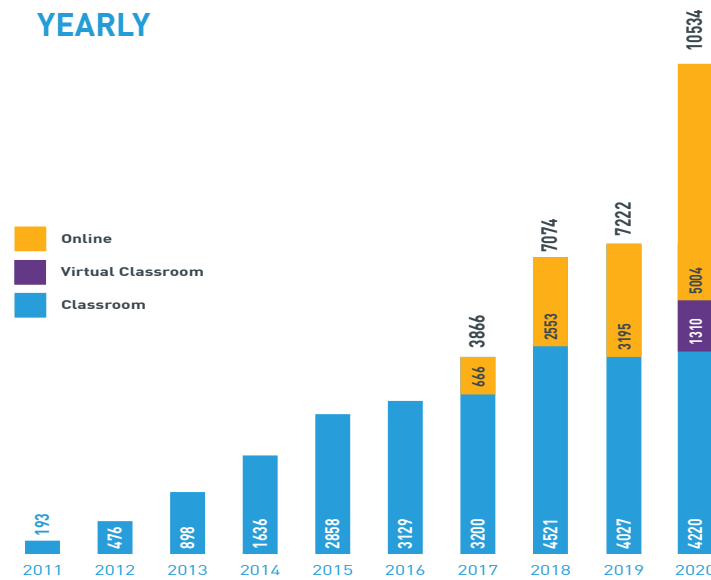
NUMBER OF TRAINEES GLOBALLY IN 2020

TOTAL NUMBER OF TRAINEES

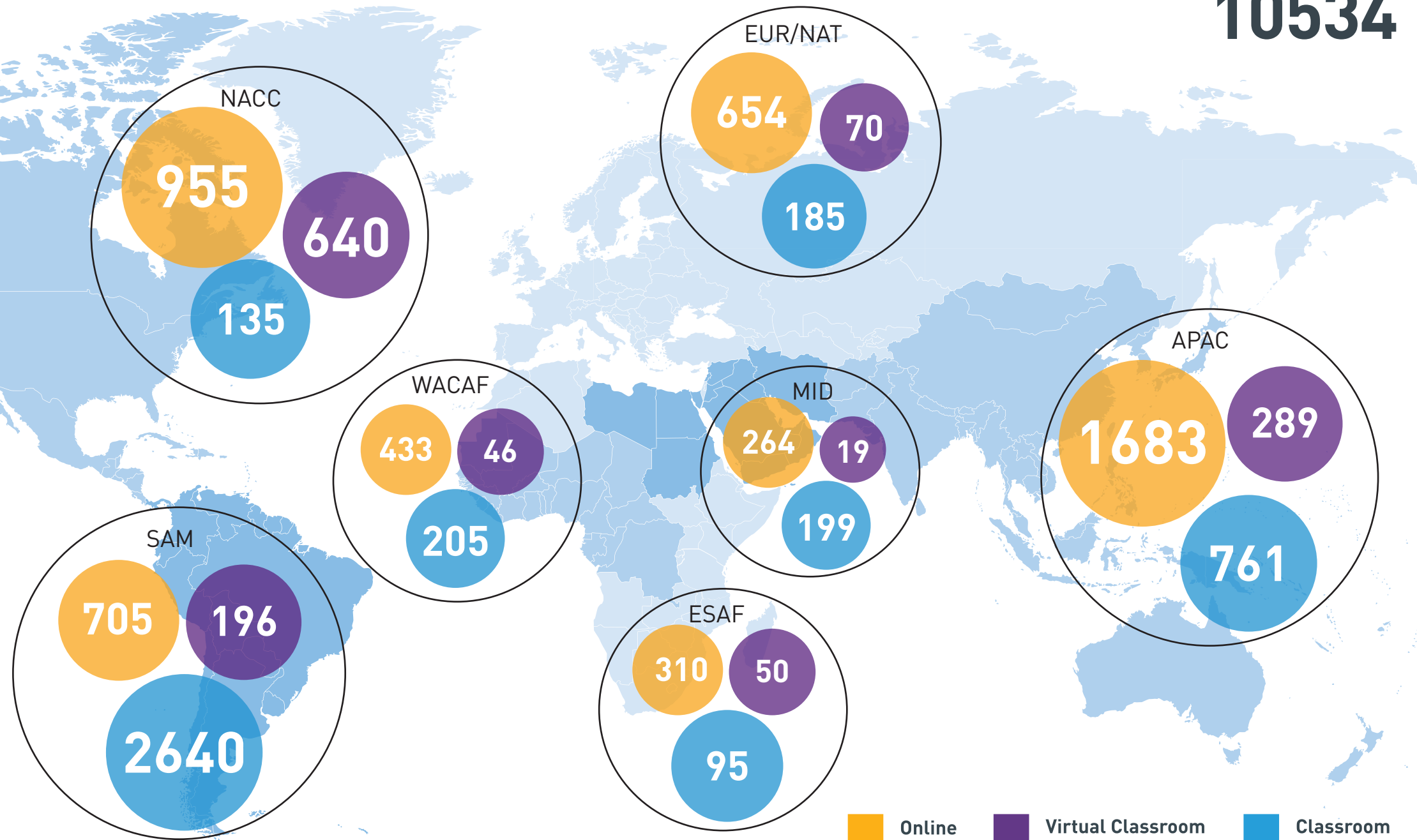
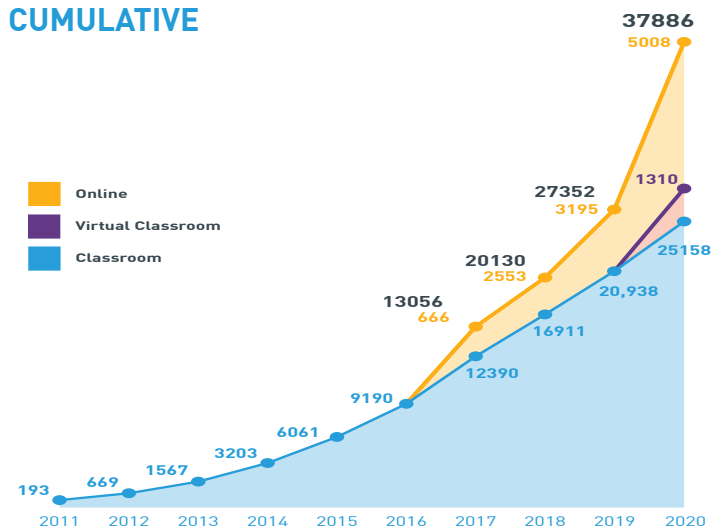
10534

NUMBER TRAINEES

YEARLY



CUMULATIVE



■ Online
 ■ Virtual Classroom
 ■ Classroom

ONLINE

APAC	1683
ESAF	310
EURNAT	654
MID	264
NACC	955
SAM	705
WACAF	433
TOTAL	5,004

VIRTUAL CLASSROOM

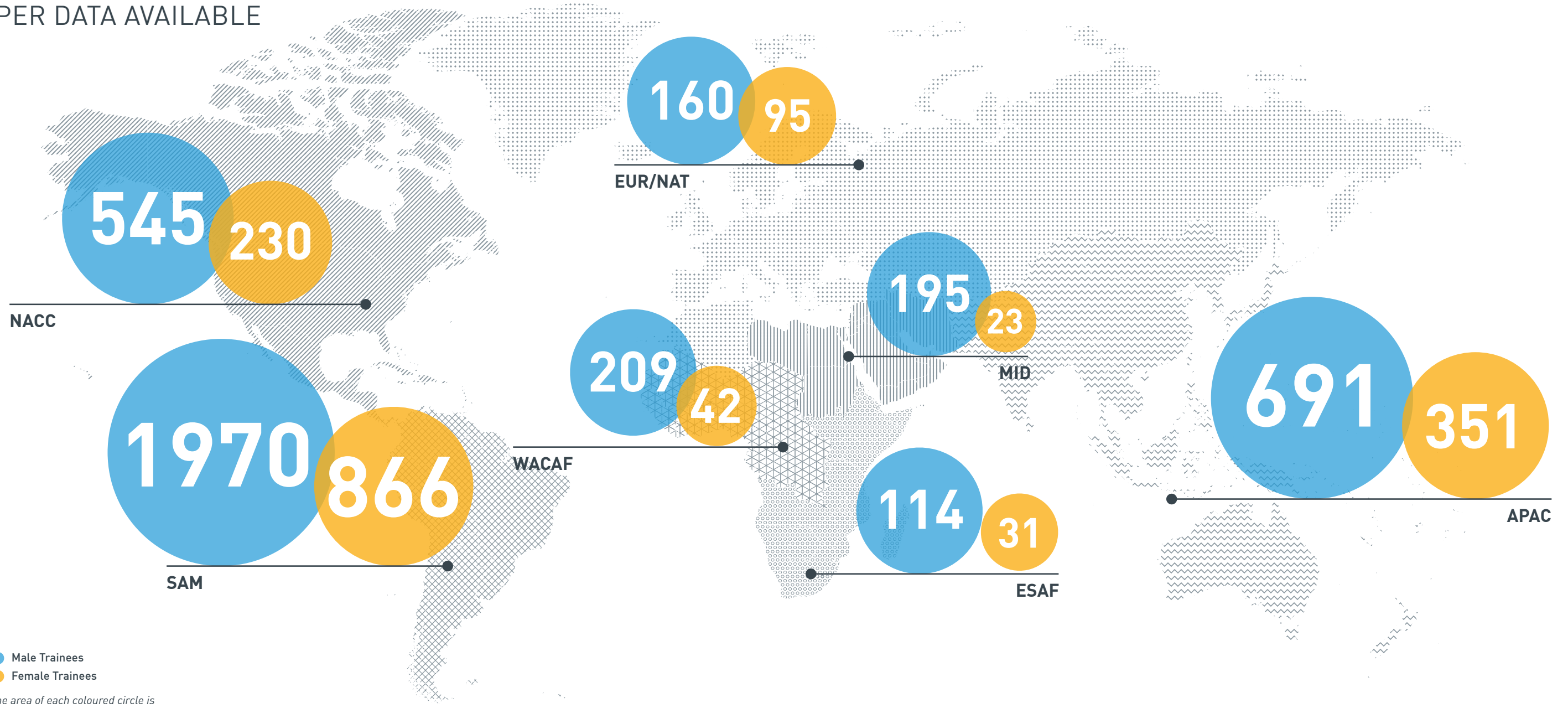
APAC	289
ESAF	50
EURNAT	70
MID	19
NACC	640
SAM	196
WACAF	46
TOTAL	1310

CLASSROOM

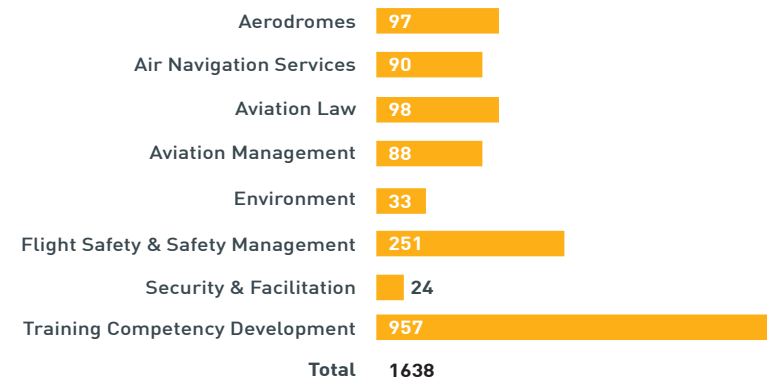
APAC	761
ESAF	95
EURNAT	185
MID	199
NACC	135
SAM	2640
WACAF	205
TOTAL	4220

GENDER DISTRIBUTION IN ICAO TRAINING COURSES

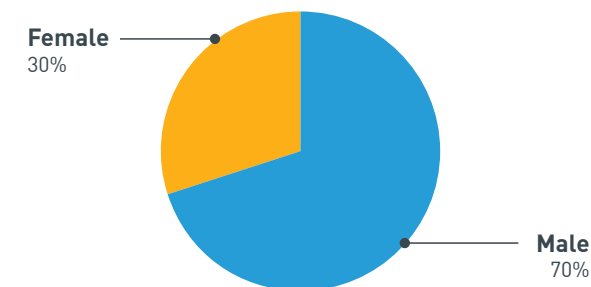
AS PER DATA AVAILABLE



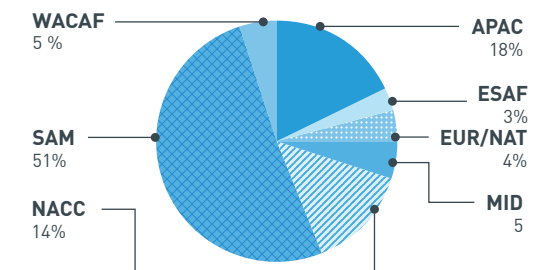
FEMALE TRAINEES PER THEMATIC AREA



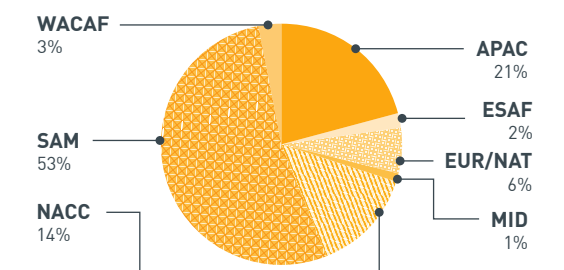
OVERALL DISTRIBUTION



MALE TRAINEES



FEMALE TRAINEES



ONLINE COURSES DELIVERED IN 2020

Training package	Trainees
Aerodrome Restart	6
Aviation Data-driven Decision Making (AD3M)	252
Aviation Fundamentals	655
Aviation Fundamentals - ACI	10
Aviation Fundamentals - KAU	110
CORSIA Verification/Self-Study	27
Digital Transformation in Aviation	33
Gestión del cumplimiento de los SARPS de la OACI - Online	14
Gestión de la Seguridad Operacional	18
Gestion de la conformité aux SARP de l'OACI- Online	9
ICAO-ACI Airport User Charges	42
Managing Compliance with ICAO SARPs - Online	71
Performance-Based Navigation (PBN) Airspace Design	137
Performance-Based Navigation (PBN) for Air Traffic Controllers	162
Performance-Based Navigation (PBN) for Pilots	109
Performance-Based Navigation (PBN) Operations Approval	185
Performance-Based Navigation (PBN) Overview	201
Public Health Corridor	72
Repurposing Aircraft Passenger Cabin for Transport of Cargo	66
Safety Management	662
Safety Management - KAU	6
Unmanned Aviation Fundamentals	107
USOAP CMA Phase 1	376
USOAP CMA Phase 2 - AIG	32
USOAP CMA Phase 2 - Airworthiness-AIR	57
USOAP CMA Phase 2- AGA	70
USOAP CMA Phase 2- ANS	80
USOAP CMA Phase 2- OPS	72
USOAP CMA Phase 2- PART I: Legislation (LEG) & PART II: Civil Aviation Organization (ORG)	38
USOAP CMA Phase 2- PEL	49
Sub total ICAO hosted	3,728
Training Instructors Course (TIC) Part 1, JAA TO	288
CAPSCA, JAA TO	95
ICAO-ACI Global Reporting Format (GRF) online course	716
ICAO-IATA Global Reporting Format (GRF) online course	177
GRAND TOTAL	5004

VIRTUAL CLASSROOM COURSES DELIVERED IN 2020

Training package	Trainees
Air Cargo Safety Management: Virtual Classroom	8
Aviation Data-driven Decision Making (AD3M): Virtual Classroom	47
CORSIA Verification: Virtual Classroom	44
COVID-19 Aviation Safety Risk Management for CAAs: Virtual Classroom	160
Curso de Gerentes de Centros de Instrucción (CGCI): Impartición Virtual	15
Curso de preparadores de instrucción (TDC SP): Impartición virtual	42
Derecho Aeronáutico Internacional: Impartición Virtual	75
Especialista en Evaluacion Post-Instruccion: Impartición Virtual	18
Gestion de la conformité aux SARPs de l'OACI (MCIS): Classe Virtuelle	11
Gestión del cumplimiento de los SARPS de la OACI (MCIS): Impartición Virtual	18
ICAO Annex 9 - Facilitation: Virtual Classroom	49
ICAO Government Safety Inspector Operations – Air Cargo Certification (GSI-AC-18702) Virtual Classroom	10
Instrucción en el aula virtual: Impartición Virtual	25
International Air Law: Virtual Classroom	85
Managing Compliance with ICAO SARPs (MCIS): Virtual Classroom	62
Post-Training Evaluation (PTE): Virtual Classroom	56
Safety Management for Practitioners (SMxP): Virtual Classroom	109
Safety Risk Management Fundamentals: Virtual Classroom	41
Training Developers Course (TDC): Virtual Classroom	56
Training Managers Course (TMC): Virtual Classroom	43
Validating Competency-based Training (VCT): Virtual Classroom	4
Virtual Classroom Instruction (VCI): Virtual Classroom	324
Курс для разработчиков учебных курсов (TDC RU): Виртуальный Класс	8
Grand Total	1310

CLASSROOM COURSES DELIVERED IN 2020

Training package	Trainees
Airport Facilitation	10
Aerodrome Controller Refresher	8
Aerodrome Inspection	26
Aeronautical Search and Rescue Operations	31
Air Traffic Services Supervisor	9
Air Traffic Services Supervisor: Virtual Classroom	5
Aircraft Systems Troubleshooting	13
Airfield Pavement Markings	33
Airfield Signs	20
Airport BHS Operation and Maintenance Supervisor	24
Airport Customer Service Quality Management	70
Airport Passenger Boarding Bridge (PBB) Operations	5
Approach Control Procedural Basic	39
Assessing Threat through Behaviour Detection	10
ATC Simulator/OJT instructor course	32
Atención al Usuario Aeroportuario	19
ATS Provision Awareness for Pilots	9
ATSEP Navigation Aids Equipment Maintenance	7
Aviation Data-driven Decision Making (AD3M)	3
Aviation English for Aircraft Maintenance Technicians	12
Aviation English Level 3 for Civil Aviation Professionals	2396
Basic Airside Operations	45
Building Fire Emergencies- First Responder	61
Catering Security	44
Competency and Licensing of UAS Remote Pilots (European Categories): Virtual Classroom	14
Coordinación y supervisión del proceso de manejo de combustibles de aviación	21
Core Competencies For Passenger Terminal Operations And Management	11
CORSIA Verification	15
Cours de formation instructeurs	7
Cumplimiento normativo OACI en la gestión operacional de los RPAS: Impartición Virtual	5
Curso de Formación de Instructores (CFI)	5
Curso de preparadores de instrucción (TDC SP)	9
Curso Operador de Búsqueda, Salvamento y Rescate - SAR (Básico)	37
Dangerous Goods – Using the Technical Instructions for the Safe Transport of Dangerous Goods by Air	21
Disabled Aircraft Recovery Procedures	37
ECCAIRS - European Co-ordination Centre for Accident and Incident Reporting Systems (ECCAIRS) End User	8

CLASSROOM COURSES DELIVERED IN 2020

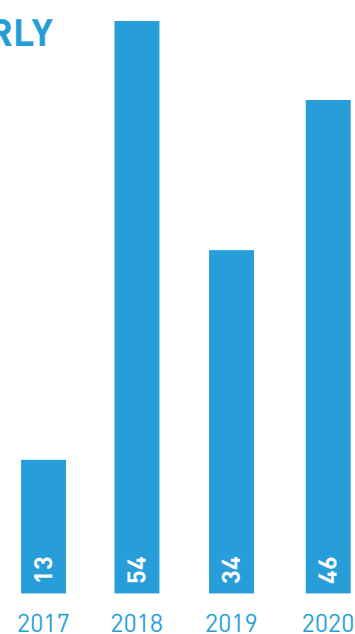
Training package	Trainees
ECCAIRS - European Co-ordination Centre for Accident and Incident Reporting Systems (ECCAIRS) Technical	5
Elaboración, Análisis e Interpretación de NOTAMs	9
Emergencia Aeronáutica, Evacuación y Supervivencia	4
Feux Généralisés d'avion	21
Foam Tender Operation and Defensive Driving	10
Formation de concepteur de cours (TDC FR)	9
Gestión de Selección y Desarrollo del Personal Aeronáutico	16
Gestion del factor humano en las operaciones aereas para tripulantes de vuelo	13
Gestión del Factor Humano para Operadores de los Servicios Aeroportuarios	8
Gestion efficace du Processus Lettres OACI aux États	2
Gestión Medioambiental en Aeropuertos	13
HAZMAT First Responder (Operations Level)	62
Human Factors: The TEM and TRM Interface	15
ICAO Annex 9 - Facilitation	18
ICAO English Language Proficiency Interlocutor/Rater Initial Training	1
ICAO Government Safety Inspector – Personnel Licensing (GSI-PEL-18710)	41
ICAO Government Safety Inspector Airworthiness – Air Operator and Approved Maintenance Organization Certification (GSI-AIR-18701)	9
ICAO Government Safety Inspector Operations – Air Operator Certification (GSI-OPS-18700)	12
ICAO-ACI Aerodrome Certification	75
ICAO-ACI Airport User Charges	19
Initial Cabin Crew Safety and Emergency Procedures Training	17
Inspección de Pintura y Recubrimiento Aeronáutico	1
International Air Law Course	23
Interpretación de información meteorológica aeronáutica para tripulaciones y navegación aérea	58
Introduction to Aeronautical Meteorological Observations	15
Investigación de Incidentes ATS, una herramienta para el SMS: Impartición Virtual	29
On-the-Job Training Instructor	16
Operation and Maintenance of Mode S Surveillance System Equipment	6
Operational Hazard Identification and Risk Mitigation	18
Oversight of Aircraft Leasing Operations	7
Performing ADS-B System Equipment Maintenance	8
Prevention of Miscommunication in ATC Radio Telephony	12
Radio Telephony Communication for Airside Safety Operators	8
Ramp Safety Awareness	64
Re-Declaring Runway Declared Distances	12

CLASSROOM COURSES DELIVERED IN 2020

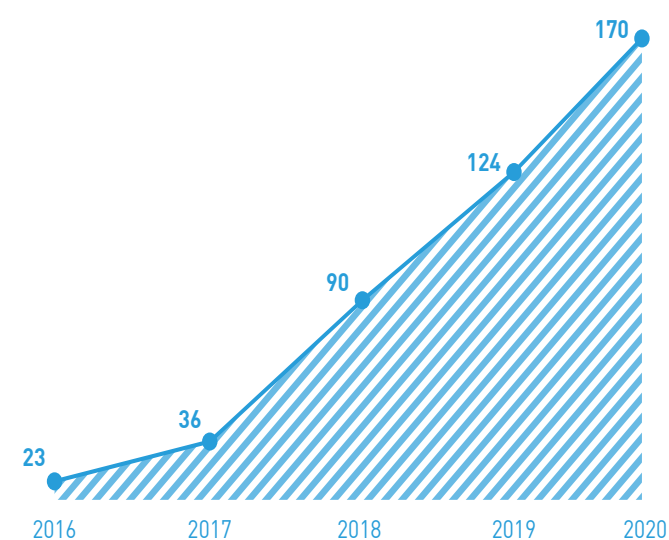
Training package	Trainees
Runway Rubber Removal	40
Safety Management for Approved Maintenance Organizations under ICAO/EASA Rules	14
Safety Management for Practitioners (SMxP)	26
Servicio a Bordo, Estándares y Protocolos para la Excelencia	5
SORA- Safety Occurrence Reporting and Analysis	23
Spécialiste en installation et maintenance du balisage lumineux d'aérodrome MCR 5000 - v2	8
State Safety Programme (SSP)	23
Supervising Airport Teams To Deliver Great Customer Service	40
Supervision de la gestion de l'information aéronautique (AIM)	14
Supervisión de los Servicios en Plataforma y Área de Movimiento a Tráfico Civil	19
Terrestrial Radio Link Installation Planning	8
TIBA Safety Procedures (Uncontrolled Operations)	9
Training Developers Course (TDC)	69
Training Instructors Course (TIC) Part 2	102
Unstable Approaches in Air Traffic Control	11
Validating Competency-based Training (VCT)	8
Weight and Balance Application to B737NG and Airbus 321	24
Grand Total	4220

NUMBER OF INSTRUCTORS IN 2020

YEARLY

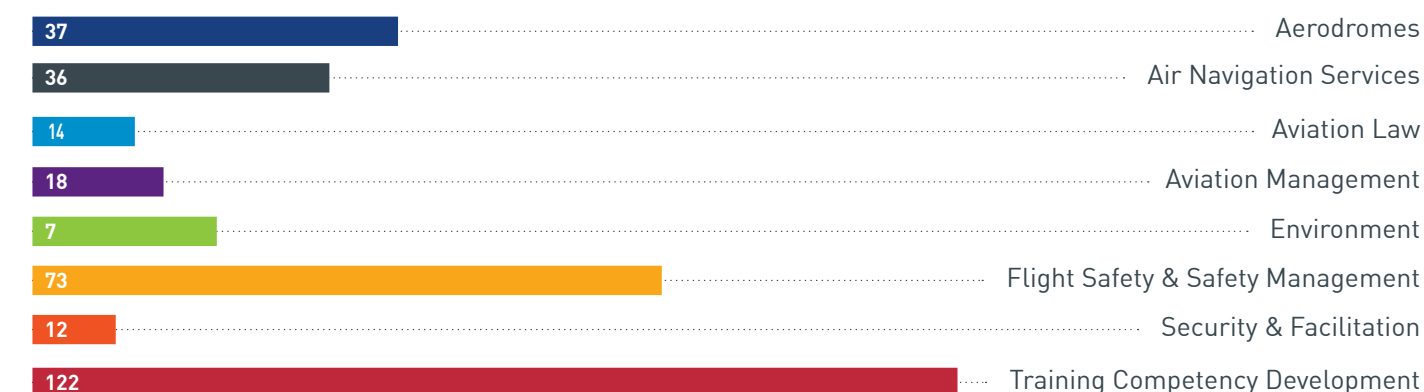


CUMULATIVE



COURSES DELIVERED BY THEMATIC AREA IN 2020

(Classroom and Virtual Classroom deliveries only)



GLOSSARY

ICAO Training: ICAO Training is the acquisition of knowledge and skills provided by ICAO and/or training organizations associated with ICAO issuing a certificate of completion or a certificate of achievement with the ICAO emblem or an ICAO programme emblem.

Classroom Courses: GAT has an extensive portfolio of face-to-face courses that are delivered in traditional format, led by an ICAO-qualified instructor in a classroom environment. Classroom courses are the only mode of delivery where access to technology and high-speed internet is limited, with no access to online and/or virtual courses. The delivery of the classroom portfolio is managed through the TRAINAIR PLUS Electronic Management System (TPEMS).

Online Courses: Online courses offer the flexibility of learning at one's own pace to achieve the goal of learning anytime, anywhere. In addition to knowledge acquisition, the interactive and engaging content can build a learner's professional competencies. Learners can benefit from ICAO's online courses across multiple subject areas, including Aerodromes, Air Transport, Air Navigation Services, Flight Safety and Safety Management. ICAO's online courses are hosted on GAT's Learning Management System (LMS). Upon successful completion of the exam, participants receive an e-certificate through the LMS.

Virtual Classroom Courses: Online courses offer the flexibility of learning at one's own pace to achieve the goal of learning anytime, anywhere. In addition to knowledge acquisition, the interactive and engaging content can build a learner's professional competencies. Learners can benefit from ICAO's online courses across multiple subject areas, including Aerodromes, Air Transport, Air Navigation Services, Flight Safety and Safety Management. ICAO's online courses are hosted on GAT's Learning Management System (LMS). Upon successful completion of the exam, participants receive an e-certificate through the LMS.

Competency-based training: Competency-based training is the approach ICAO recommends for training aviation professionals. ICAO aviation training is standardized, based on the analysis of competencies, job-oriented and material-dependent. TRAINAIR PLUS course developers follow competency-based training methodology to develop training courses.

TRAINEES BY THEMATIC AREA IN 2020

(Classroom, Virtual Classroom and Online deliveries)

Aerodromes

TRAINING PACKAGE		NUMBER OF TRAINEES	APAC	ESAF	EUR/NAT	MID	NACC	SAM	WACAF	TOTAL
1	Aerodrome Inspection	20			6					26
2	Aerodrome Restart			2		3	1			6
3	Airfield Pavement Markings	33								33
4	Airfield Signs	20								20
5	Airport BHS Operation and Maintenance Supervisor	24								24
6	Airport Passenger Boarding Bridge (PBB) Operations	5								5
7	Basic Airside Operations		17		28					45
8	Building Fire Emergencies- First Responder	61								61
9	Coordinación y supervisión del proceso de manejo de combustibles de aviación					21				21
10	Core Competencies For Passenger Terminal Operations And Management	11								11
11	Disabled Aircraft Recovery Procedures	37								37
12	Feux Généralisés d'avion							21		21
13	Foam Tender Operation and Defensive Driving	10								10
14	Gestion de la Seguridad Operacional			19		23				42
15	ICAO-ACI Aerodrome Certification							75		75
16	ICAO-ACI Airport User Charges			19						19
17	ICAO-ACI Global Reporting Format (GRF) online course	296	4	204	24	85	61	42		716
18	ICAO-IATA Global Reporting Format (GRF) online course	3	6	16	2	32	33	3		95
19	Radio Telephony Communication for Airside Safety Operators				8					8
20	Re-Declaring Runway Declared Distances	12								12
21	Runway Rubber Removal	40								40
22	Spécialiste en installation et maintenance du balisage lumineux d'aérodrome MCR 5000 - v2							8		8
23	Supervising Airport Teams To Deliver Great Customer Service	40								40
24	Supervisión de los Servicios en Plataforma y Área de Movimiento a Tráfico Civil						19			19
Total		612	27	260	68	164	114	149		1394

TRAINEES BY THEMATIC AREA IN 2020

(Classroom, Virtual Classroom and Online deliveries)

Air Navigation Services

TRAINING PACKAGE		NUMBER OF TRAINEES	APAC	ESAF	EUR/NAT	MID	NACC	SAM	WACAF	TOTAL
1	Aerodrome Controller Refresher	8								8
2	Aeronautical Search and Rescue Operations	31								31
3	Air Traffic Services Supervisor				9					9
4	Air Traffic Services Supervisor: Virtual Classroom				5					5
5	Approach Control Procedural Basic	39								39
6	ATC Simulator/OJT instructor course			32						32
7	ATS Provision Awareness for Pilots				9					9
8	ATSEP Navigation Aids Equipment Maintenance							7		7
9	CAPSCA, JAA TO	117	25	36	38	23	2	47		288
10	Competency and Licensing of UAS Remote Pilots (European Categories): Virtual Classroom			14						14
11	Cumplimiento normativo OACI en la gestión operacional de los RPAS: Impartición Virtual						5			5
12	Curso Operador de Búsqueda, Salvamento y Rescate - SAR (Básico)						37			37
13	Elaboración, Análisis e Interpretación de NOTAMs						9			9
14	Human Factors: The TEM and TRM Interface				15					15
15	Interpretación de información meteorológica aeronáutica para tripulaciones y navegación aérea						58			58
16	Introduction to Aeronautical Meteorological Observations				15					15
17	Investigación de Incidentes ATS, una herramienta para el SMS: Impartición Virtual						29			29
18	Operation and Maintenance of Mode S Surveillance System Equipment			6						6
19	Performance-Based Navigation (PBN) Airspace Design	62	7	3	7	10	31	17		137
20	Performance-Based Navigation (PBN) for Air Traffic Controllers	53	8	1	10	26	47	17		162
21	Performance-Based Navigation (PBN) for Pilots	39	2	14	3	24	27	0		109
22	Performance-Based Navigation (PBN) Operations Approval	55	8	4	4	55	35	24		185
23	Performance-Based Navigation (PBN) Overview	44	7	2	5	54	61	28		201
24	Performing ADS-B System Equipment Maintenance	8								8

TRAINEES BY THEMATIC AREA IN 2020

(Classroom, Virtual Classroom and Online deliveries)

Air Navigation Services

TRAINING PACKAGE		NUMBER OF TRAINEES	APAC	ESAF	EUR/NAT	MID	NACC	SAM	WACAF	TOTAL
25	Prevention of Miscommunication in ATC Radio Telephony	12			0				12	12
26	Supervision de la gestion de l'information aéronautique (AIM)							14		14
27	Terrestrial Radio Link Installation Planning	8							8	8
28	TIBA Safety Procedures (Uncontrolled Operations)				9					9
29	Unstable Approaches in Air Traffic Control	11								11
30	Prevention of Miscommunication in ATC Radio Telephony	12								12
31	Supervision de la gestion de l'information aéronautique (AIM)							14		14
32	Terrestrial Radio Link Installation Planning	8								8
33	TIBA Safety Procedures (Uncontrolled Operations)				9					9
34	Unmanned Aviation Fundamentals	73	1	3		21	9			107
35	Unstable Approaches in Air Traffic Control	11								11
Total		560	58	115	129	213	350	154	1579	

Air Transport

TRAINING PACKAGE		NUMBER OF TRAINEES	APAC	ESAF	EUR/NAT	MID	NACC	SAM	WACAF	TOTAL
1	Aviation Fundamentals	176	10	167	74	132	84	12		655
2	Aviation Fundamentals - ACI	1			2	6	1			10
3	Aviation Fundamentals - KAU	109			1					110
Total		286	10	167	77	138	85	12	775	

Aviation Law

TRAINING PACKAGE		NUMBER OF TRAINEES	APAC	ESAF	EUR/NAT	MID	NACC	SAM	WACAF	TOTAL
1	Derecho Aeronáutico Internacional: Impartición Virtual						11	64		75
2	International Air Law Course								23	23
3	International Air Law: Virtual Classroom	59		13		13				85
Total		59	13	24	64	23	183			

TRAINEES BY THEMATIC AREA IN 2020

(Classroom, Virtual Classroom and Online deliveries)

Aviation Management

TRAINING PACKAGE		NUMBER OF TRAINEES	APAC	ESAF	EUR/NAT	MID	NACC	SAM	WACAF	TOTAL
1	Airport Customer Service Quality Management	70								70
2	Atención al Usuario Aeroportuario							19		19
3	Digital Transformation in Aviation	4		6	9	13	0	1		33
4	Gestion de la conformite aux SARP de la OACI- Online								9	9
5	Gestion de la conformité aux SARPs de l'OACI (MCIS): Classe Virtuelle						11			11
6	Gestión de Selección y Desarrollo del Personal Aeronáutico							16		16
7	Gestión del cumplimiento de los SARPS de la OACI (MCIS): Impartición Virtual						18			18
8	Gestión del Factor Humano para Operadores de los Servicios Aeroportuarios							8		8
9	Gestion efficace du Processus Lettres OACI aux États			2						2
10	ICAO-ACI Airport User Charges						1	13		14
11	Managing Compliance with ICAO SARPs - Online	5	4	2		24	16	20		71
12	Managing Compliance with ICAO SARPs (MCIS): Virtual Classroom						62			62
Total		79	4	10	9	129	72	30	333	

Environment

TRAINING PACKAGE		NUMBER OF TRAINEES	APAC	ESAF	EUR/NAT	MID	NACC	SAM	WACAF	TOTAL
1	CORSIA Verification	20		2		17		3		42
2	CORSIA Verification: Virtual Classroom	19				19		6		44
3	Gestión Medioambiental en Aeropuertos					13				13
Total		39	2	49	9	99				

TRAINEES BY THEMATIC AREA IN 2020

(Classroom, Virtual Classroom and Online deliveries)

Flight Safety & Safety Management		NUMBER OF TRAINEES	APAC	ESAF	EUR/NAT	MID	NACC	SAM	WACAF	TOTAL
TRAINING PACKAGE										
1	Air Cargo Safety Management: Virtual Classroom					8				8
2	Aircraft Systems Troubleshooting		13							13
3	Aviation Data-driven Decision Making (AD3M) Online	115	15	6	22	36	35	23		252
4	Aviation Data-driven Decision Making (AD3M)			3						3
5	Aviation Data-driven Decision Making (AD3M): Virtual Classroom	32					15			47
6	Aviation English for Aircraft Maintenance Technicians		12							12
7	COVID-19 Aviation Safety Risk Management for CAAs: Virtual Classroom	26				134				160
8	Dangerous Goods – Using the Technical Instructions for the Safe Transport of Dangerous Goods by Air						0	21		21
9	ECCAIRS - European Co-ordination Centre for Accident and Incident Reporting Systems (ECCAIRS) End User	8								8
10	ECCAIRS - European Co-ordination Centre for Accident and Incident Reporting Systems (ECCAIRS) Technical	5								5
11	Emergencia Aeronáutica, Evacuación y Supervivencia					4				4
12	Gestion del cumplimiento de los SARPS de la OACI - Online			1		6	11			18
13	Gestion del factor humano en las operaciones aereas para tripulantes de vuelo						13			13
14	HAZMAT First Responder (Operations Level)	62								62
15	ICAO English Language Proficiency Interlocutor/ Rater Initial Training		1							1
16	ICAO Government Safety Inspector – Personnel Licensing (GSI-PEL-18710)		32			9				41
17	ICAO Government Safety Inspector Airworthiness – Air Operator and Approved Maintenance Organization Certification (GSI-AIR-18701)					9				9
18	ICAO Government Safety Inspector Operations – Air Cargo Certification (GSI-AC-18702) Virtual Classroom					10				10
19	ICAO Government Safety Inspector Operations – Air Operator Certification (GSI-OPS-18700)		12							12
20	Initial Cabin Crew Safety and Emergency Procedures Training			17						17

TRAINEES BY THEMATIC AREA IN 2020

(Classroom, Virtual Classroom and Online deliveries)

Flight Safety & Safety Management		NUMBER OF TRAINEES	APAC	ESAF	EUR/NAT	MID	NACC	SAM	WACAF	TOTAL
TRAINING PACKAGE										
21	Inspección de Pintura y Recubrimiento Aeronáutico						1			1
22	Operational Hazard Identification and Risk Mitigation	18								18
23	Oversight of Aircraft Leasing Operations	7								7
24	Public Health Corridor	5		2	3	45	11	6		72
25	Ramp Safety Awareness	64								64
26	Repurposing Aircraft Passenger Cabin for Transport of Cargo	34		3		24	4	1		66
27	Safety Management for Approved Maintenance Organizations under ICAO/EASA Rules			14						14
28	Safety Management	293	92	19	17	67	83	91		662
29	Safety Management - KAU	6								6
30	Safety Management for Practitioners (SMxP)	18	8							26
31	Safety Management for Practitioners (SMxP): Virtual Classroom	58	12			10	29			109
32	Safety Risk Management Fundamentals: Virtual Classroom					41				41
33	Servicio a Bordo, Estándares y Protocolos para la Excelencia						5			5
34	SORA- Safety Occurrence Reporting and Analysis			12		11				23
35	State Safety Programme (SSP)					23				23
36	USOAP CMA	134	108	86	37	240	86	81		774
37	Weight and Balance Application to B737NG and Airbus 321			24						24
Total		885	305	189	79	677	293	223		3425

TRAINEES BY THEMATIC AREA IN 2020

(Classroom, Virtual Classroom and Online deliveries)

Security & Facilitation

TRAINING PACKAGE	NUMBER OF TRAINEES	APAC	ESAF	EUR/NAT	MID	NACC	SAM	WACAF	TOTAL
1 Airport Facilitation				10					10
2 Assessing Threat through Behaviour Detection	10								10
3 Catering Security				44					44
4 ICAO Annex 9 - Facilitation					18				18
5 ICAO Annex 9 - Facilitation: Virtual Classroom					33	16			49
Total	10			54	51	16			131

Training Competency Development

TRAINING PACKAGE	NUMBER OF TRAINEES	APAC	ESAF	EUR/NAT	MID	NACC	SAM	WACAF	TOTAL
1 Aviation English Level 3 for Civil Aviation Professionals						2396			2396
2 Cours de formation instructeurs			7						7
3 Curso de Formación de Instructores (CFI)			5						5
4 Curso de Gerentes de Centros de Instrucción (CGCI): Impartición Virtual						15			15
5 Curso de preparadores de instrucción (TDC SP)						9			9
6 Curso de preparadores de instrucción (TDC SP): Impartición virtual						42			42
7 Especialista en Evaluacion Post-Instruccion: Impartición Virtual					3	15			18
8 Formation de concepteur de cours (TDC FR)			9						9
9 Instrucción en el aula virtual: Impartición Virtual					25				25
10 Managing Aviation Training Intelligence (MATI)									0
11 On-the-Job Training Instructor						16			16
12 Post-Training Evaluation (PTE): Virtual Classroom	30				16		10		56
13 Training Developers Course (TDC)	15		13	41					69
14 Training Developers Course (TDC): Virtual Classroom	30		2	9	4		11		56

TRAINEES BY THEMATIC AREA IN 2020

(Classroom, Virtual Classroom and Online deliveries)

Training Competency Development

TRAINING PACKAGE	NUMBER OF TRAINEES	APAC	ESAF	EUR/NAT	MID	NACC	SAM	WACAF	TOTAL
15 Training Instructors Course (TIC) Part 1, JAA TO	26		33	3	101	12	2		177
16 Training Instructors Course (TIC) Part 2	54				12		36		102
17 Training Managers Course (TMC)									0
18 Training Managers Course (TMC): Virtual Classroom	15		14		5		9		43
19 Validating Competency-based Training (VCT)			8						8
20 Validating Competency-based Training (VCT): Virtual Classroom					4				4
21 Virtual Classroom Instruction (VCI): Virtual Classroom	20	38	33	10	213		10		324
22 Курс для разработчиков учебных курсов (TDC RU): Виртуальный Класс			8						8
Total	190	38	132	63	383	2505	78		3389

ICAO AVIATION SECURITY TRAINING BY ICAO REGION (2020)

Region	AVSEC training events in 2020	Participants in 2020
Asia and Pacific (APAC) Office	2	33
Eastern and Southern African (ESAF) Office		
European and North Atlantic (EUR/NAT) Office	7	65
North American, Central American and Caribbean (NACC) Office	1	10
Middle East (MID) Office	1	9
South American (SAM) Office	0	0
Western and Central African (WACAF) Office	2	21
Total	13	138

* Due to the Covid-19 pandemic related travel restrictions and public health concerns, most of the classroom events had to be cancelled and postponed to 2021.

APAC	ASTP Courses	Course Language	Participants	
			Male	Female
Singapore	Air Cargo and Mail Security Course (Virtual)	EN	3	12
Hong Kong	Air Cargo and Mail Security Course (Virtual)	EN	11	7
Sub-total	2 training events	33 participants	14	19
ESAF and WACAF	ASTP Courses	Course Language	Participants	
			Male	Female
Dakar	Risk Management Workshop	FR	7	2
Douala	Airport Security Supervisors Course	FR	8	4
Sub-total	2 training events	21 participants	15	6

GLOSSARY

In 1992, ICAO established a network of regional Aviation Security Training Centres (ASTCs), primarily to aid ICAO in the promulgation of newly developed Aviation Security Training Packages (ASTPs) and aviation security workshops which were designed to assist States in the implementation of Annex 17. As of 4th Quarter 2018, the ASTC Network consisted of 35 Centres, of which 14 are TRAINAIR PLUS Programme Members that have been endorsed, supported and/or overseen by their National Appropriate Authority for Civil Aviation Security. The Implementation Support and Development Section (Security) of the Air Transport Bureau (ATB) provides leadership and support to Aviation Security Training Centres (ASTCs), and collaborates with the GAT Office to harmonize the strategic and operational aspects regarding the management of the Aviation Security Training Programme.

ICAO AVIATION SECURITY TRAINING BY ICAO REGION (2020)

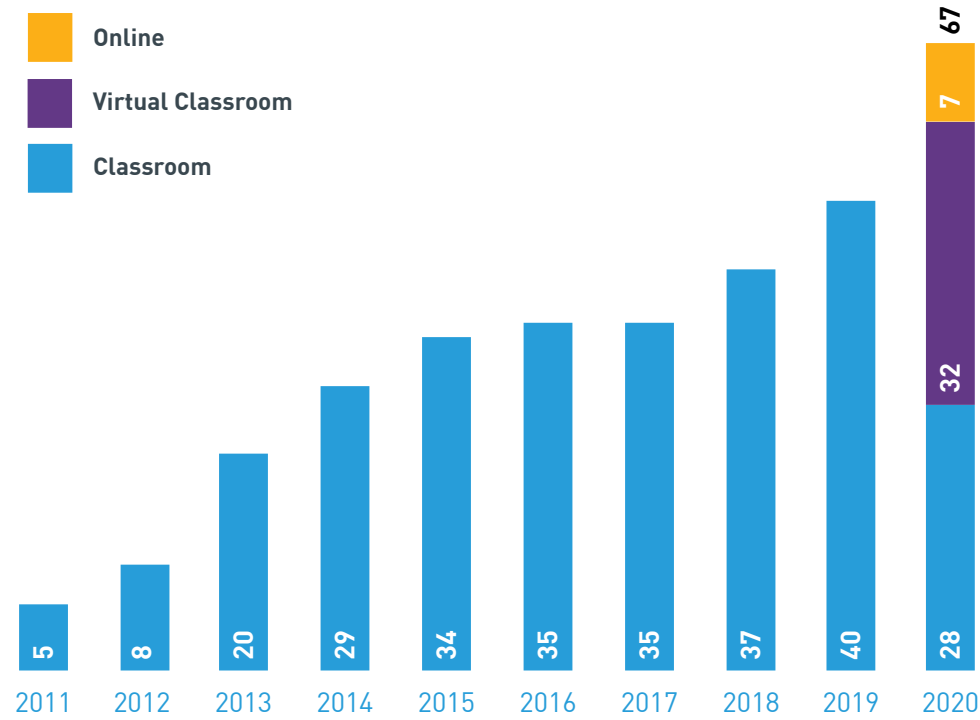
EUR/NAT	ASTP Courses	Course Language	Participants	
			Male	Female
Dublin	Risk Management Workshop	EN	7	4
Toulouse	Risk Management Workshop	FR	4	2
Tunis	Airport Security Supervisors Courses	FR	10	0
NAU - Kyiv	Aviation Security National Inspectors Course	RU	8	3
Boryspil - Kyiv	Risk Management Workshop	RU	6	1
Minsk	Air Cargo and Mail Security Course	RU	9	3
Casablanca	Risk Management Workshop	FR	7	1
Sub-total	7 training events	65 participants	51	14
MID	ASTP Courses	Course Language	Participants	
			Male	Female
Dubai	Airport Security Programme Workshop	EN	8	1
Sub-total	1 training event	9 participants	8	1
NACC and SAM	ASTP Courses	Course Language	Participants	
			Male	Female
NACC States specific*	ICAO Certification for Aviation Security Instructors	EN	7	3
Sub-total	1 training event	10 participants	72	3

COURSE DEVELOPMENT

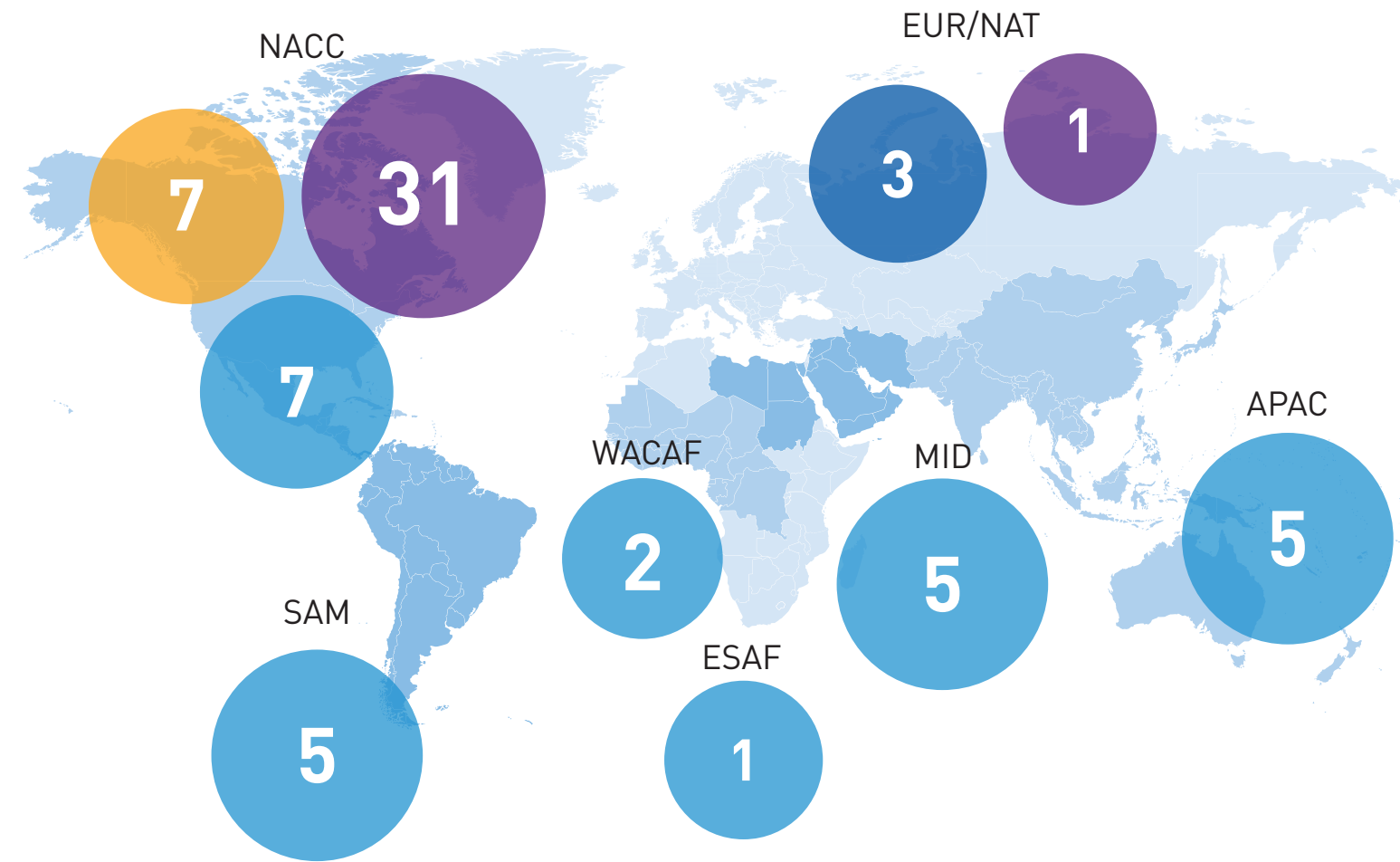
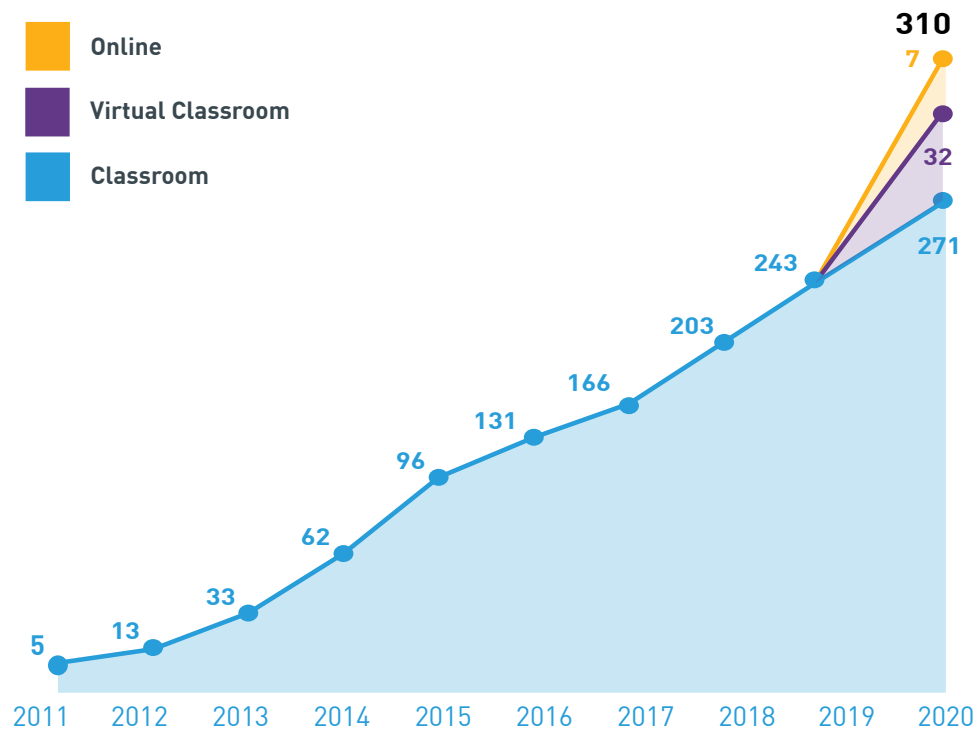


COURSES DEVELOPED GLOBALLY IN 2020

YEARLY



CUMULATIVE



■ Online
 ■ Virtual Classroom
 ■ Classroom

ONLINE COURSES

APAC	
ESAF	
EURNAT	
MID	
NACC	7
SAM	
WACAF	
TOTAL	7

VIRTUAL CLASSROOM

APAC	
ESAF	
EURNAT	1
MID	
NACC	31
SAM	
WACAF	
TOTAL	32

CLASSROOM COURSES

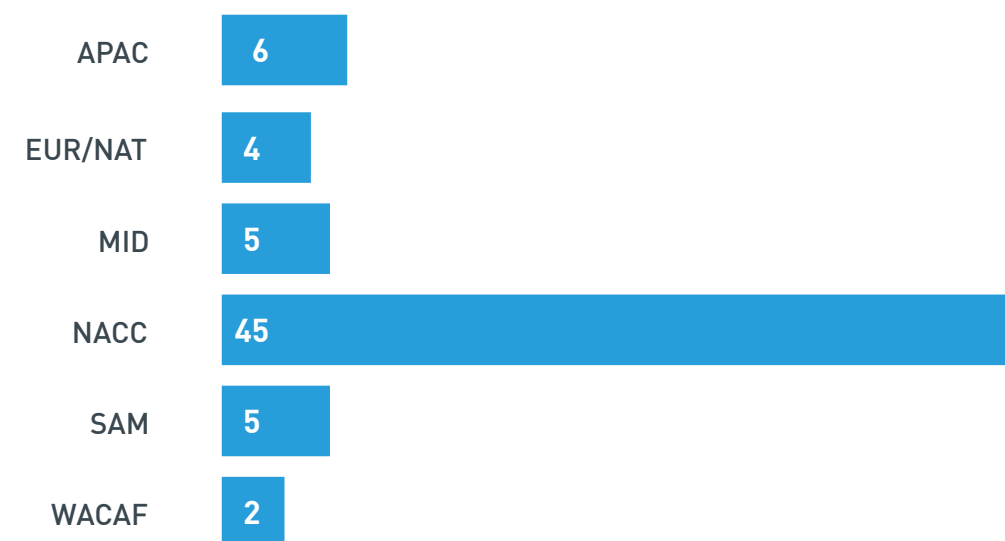
APAC	5
ESAF	1
EURNAT	3
MID	5
NACC	7
SAM	5
WACAF	2
TOTAL	28

COURSES DEVELOPED BY ICAO REGION (2020)

ICAO Region	#	Course Title	Area
APAC	1	Area Control Surveillance Refresher Course	Air Navigation Services
	2	Aviation Fire Fighting Foam Evaluation	Aerodromes
	3	Core Competencies For Passenger Terminal Operations And Management	Aerodromes
	4	ICAO English Language Proficiency Interlocutor/Rater Recurrent Training	Flight Safety and Safety Management
	5	Running Continental Motors CD135/CD155 Engine Test	Flight Safety and Safety Management
	6	Terrestrial Radio Link Installation Planning	Air Navigation Services
EUR/NAT	1	CAA preparation for restarting operations during a pandemic: Virtual Classroom	Flight Safety and Safety Management
	2	Conception et mise à jour d'un Manuel de Formation et de Procédures (MFP) pour un organisme de formation agréé	Flight Safety and Safety Management
	3	Initial Cabin Crew Safety and Emergency Procedures Training	Flight Safety and Safety Management
	4	Managing Security in ATM	Security and Facilitation
MID	1	Airport Facilitation	Security and Facilitation
	2	Aerodrome Obstacles Evaluation	Aerodromes
	3	Aerodrome Pre-Flight Bulletin Issuance	Air Navigation Services
	4	ATS Provision Awareness for Pilots	Air Navigation Services
	5	Introduction to Aeronautical Meteorological Observations	Air Navigation Services
NACC	1	Aerodrome Restart - EN	Aerodromes
	2	Aviation Data-driven Decision Making (AD3M)-EN	Flight Safety and Safety Management
	3	CORSIA Verification-EN	Environment
	4	COVID-19 Aviation Safety Risk Management for CAAs-EN	Flight Safety and Safety Management
	5	Curso de Formación de Preparadores de Instrucción-SP	Training Competency Development
	6	Curso de Gerentes de Centros de Instrucción (CGCI)-SP	Training Competency Development
	7	Derecho Aeronáutico Internacional-SP	Aviation Law
	8	Digital Transformation in Aviation -EN	Aviation Management
	9	Especialista en Evaluacion Post-Instruccion-SP	Training Competency Development
	10	Gestion de la conformité aux SARPs de l'OACI (5-days)-FR	Aviation Management
	11	Gestion de la conformité aux SARPs de l'OACI-FR	Aviation Management
	12	Gestión de la Seguridad Operacional: en línea -SP	Flight Safety and Safety Management
	13	Gestión del cumplimiento de los SARPS de la OACI (5-days)-SP	Aviation Management
	14	Gestión del cumplimiento de los SARPS de la OACI-SP	Aviation Management
	15	Gestión Medioambiental en Aeropuertos	Environment
	16	Gestión Práctica de la Seguridad Operacional (SMxP)-SP	Flight Safety and Safety Management
	17	Global Reporting Format (GRF) for Runway Surface Conditions – Introduction	Aerodromes
	18	GSI Operations - Air Cargo Certification (4-days)-EN	Flight Safety and Safety Management
	19	GSI Operations Air Cargo Certification-EN	Flight Safety and Safety Management
20	ICAO ACI Aerodrome Certification : virtual Classroom	Aerodromes	
21	ICAO ACI Implementation Annex 14 : virtual classroom	Aerodromes	
22	ICAO ACI Management of Airport Security : virtual classroom	Security and Facilitation	
23	ICAO Annex 9 – Facilitation (5-days)-EN	Security and Facilitation	
24	ICAO Annex 9 - Facilitation-EN	Security and Facilitation	
25	ICAO-ACI Airport user charges : virtual Calssroom	Aerodromes	
26	Instrucción en el aula virtual-SP	Aviation Law	
27	International Air Law-EN	Aviation Law	
28	Managing Compliance with ICAO SARPs-EN	Aviation Management	

COURSES DEVELOPED BY ICAO REGION (2020)

ICAO Region	#	Course Title	Area
NACC	29	Post-Training Evaluation (PTE)-EN	Training Competency Development
	30	Public Health Corridor -EN	Flight Safety and Safety Management
	31	Repurposing Aircraft Passenger Cabin for Transport of Cargo -EN	Flight Safety and Safety Management
	32	Safe Supply Chain	Flight Safety and Safety Management
	33	Safety Management for Practitioners (SMxP)-EN	Flight Safety and Safety Management
	34	Safety Risk Management Fundamentals-EN	Flight Safety and Safety Management
	35	State Safety Programme (SSP) (6-days)-EN	Flight Safety and Safety Management
	36	Training Developers Course-EN	Training Competency Development
	37	Training Managers Course (TMC)-EN	Training Competency Development
	38	Unmanned Aviation Fundamentals -EN	Air Navigation Services
	39	Validación de la instrucción basada en competencias-SP	Training Competency Development
	40	Validating Competency-based Training (VCT)-EN	Training Competency Development
	41	Virtual Classroom Instruction (VCI)-EN	Training Competency Development
	42	Курс для разработчиков учебных курсов (TDC RU): Виртуальный Класс	Aviation Management
	43	Обеспечение соблюдения SARPS ИКАО (MCIS): Виртуальный Класс-RU	Aviation Management
44	إدارة الامتثال للقواعد والتوصيات الدولية الصادرة عن الإيكاو (MCIS)	Aviation Management	
45	管理国际民航组织标准和建议措施的合规性 (MCIS): 虚拟课堂	Aviation Management	
SAM	1	Facilitación del Transporte Aéreo	Security and Facilitation
	2	Gestión de Selección y Desarrollo del Personal Aeronáutico	Aviation Management
	3	Gestion del factor humano en las operaciones aereas para tripulantes de vuelo	Flight Safety and Safety Management
	4	Gestión del Factor Humano para Operadores de los Servicios Aeroportuarios	Aviation Management
	5	Servicio a Bordo, Estándares y Protocolos para la Excelencia	Air Transport
WACAF	1	Spécialiste en installation et maintenance du balisage lumineux d'aérodrome MCR 5000 - v2	Aerodromes
	2	Supervision de la gestion de l'information aéronautique (AIM)	Air Navigation Services



COURSES DEVELOPED BY THEMATIC AREA (2020)

Aerodromes		Delivery Mode	Type
1	Aerodrome Obstacles Evaluation	Face to Face	STP
2	Aerodrome Restart - EN	Online	STP
3	Aviation Fire Fighting Foam Evaluation	Face to Face	STP
4	Core Competencies For Passenger Terminal Operations And Management	Face to Face	STP
5	Global Reporting Format (GRF) for Runway Surface Conditions – Introduction	Online	PTP
6	ICAO ACI Aerodrome Certification : virtual Classroom	Virtual Classroom	PTP
7	ICAO ACI Implementation Annex 14 : virtual classroom	Virtual Classroom	PTP
8	ICAO-ACI Airport user charges : virtual Calssroom	Virtual Classroom	PTP
9	Spécialiste en installation et maintenance du balisage lumineux d'aérodrome MCR 5000 - v2	Face to Face	ICAO ITP
Air Navigation Services		Delivery Mode	Type
1	Area Control Surveillance Refresher Course	Face to Face	STP
2	Aerodrome Pre-Flight Bulletin Issuance	Face to Face	STP
3	ATS Provision Awareness for Pilots	Face to Face	STP
4	Introduction to Aeronautical Meteorological Observations	Face to Face	STP
5	Supervision de la gestion de l'information aéronautique (AIM)	Face to Face	STP
6	Terrestrial Radio Link Installation Planning	Face to Face	RTCE ITP
7	Unmanned Aviation Fundamentals -EN	Online	ICAO ITP
Air Transport		Delivery Mode	Type
1	Servicio a Bordo, Estándares y Protocolos para la Excelencia	Face to Face	STP
Aviation Law		Delivery Mode	Type
1	Derecho Aeronáutico Internacional-SP	Virtual Classroom	ICAO ITP
2	Instrucción en el aula virtual-SP	Virtual Classroom	ICAO ITP
3	International Air Law-EN	Virtual Classroom	ICAO ITP
Aviation Management		Delivery Mode	Type
1	Digital Transformation in Aviation –EN	Online	STP
2	Gestion de la conformité aux SARPs de l'OACI (5-days)-FR	Face to Face	STP
3	Gestion de la conformité aux SARPs de l'OACI-FR	Virtual Classroom	ICAO ITP
4	Gestión de Selección y Desarrollo del Personal Aeronáutico	Face to Face	ICAO ITP
5	Gestión del cumplimiento de los SARPS de la OACI (5-days)-SP	Face to Face	ICAO ITP

COURSES DEVELOPED BY THEMATIC AREA (2020)

Aviation Management		Delivery Mode	Type
6	Gestión del cumplimiento de los SARPS de la OACI-SP	Virtual Classroom	ICAO ITP
7	Gestión del Factor Humano para Operadores de los Servicios Aeroportuarios	Face to Face	ICAO ITP
8	Managing Compliance with ICAO SARPS-EN	Virtual Classroom	ICAO ITP
9	Курс для разработчиков учебных курсов (TDC RU): Виртуальный Класс	Virtual Classroom	ICAO ITP
10	Обеспечение соблюдения SARPS ИКАО (MCIS): Виртуальный Класс-RU	Virtual Classroom	ICAO ITP
11	إدارة الامتثال للقواعد والتوصيات الدولية الصادرة عن الإيكاو (MCIS)	Virtual Classroom	ICAO ITP
12	管理国际民航组织标准和建议措施的合规性 (MCIS): 虚拟课堂	Virtual Classroom	ICAO ITP
Environment		Delivery Mode	Type
1	CORSIA Verification-EN	Virtual Classroom	STP
2	Gestión Medioambiental en Aeropuertos	Face to Face	ICAO ITP
Flight Safety and Safety Management		Delivery Mode	Type
1	Aviation Data-driven Decision Making (AD3M)-EN	Virtual Classroom	STP
2	CAA preparation for restarting operations during a pandemic: Virtual Classroom	Virtual Classroom	STP
3	Conception et mise à jour d'un Manuel de Formation et de Procédures (MFP) pour un organisme de formation agréé	Face to Face	STP
4	COVID-19 Aviation Safety Risk Management for CAAs-EN	Virtual Classroom	PTP
5	Gestión de la Seguridad Operacional: en línea –SP	Online	PTP
6	Gestion del factor humano en las operaciones aereas para tripulantes de vuelo	Face to Face	RTCE ITP
7	Gestión Práctica de la Seguridad Operacional (SMxP)-SP	Virtual Classroom	RTCE ITP
8	GSI Operations - Air Cargo Certification (4-days)-EN	Face to Face	ICAO ITP
9	GSI Operations Air Cargo Certification-EN	Virtual Classroom	ICAO ITP
10	ICAO English Language Proficiency Interlocutor/Rater Recurrent Training	Face to Face	ICAO ITP
11	Initial Cabin Crew Safety and Emergency Procedures Training	Face to Face	ICAO ITP
12	Public Health Corridor -EN	Online	ICAO ITP
13	Repurposing Aircraft Passenger Cabin for Transport of Cargo -EN	Online	ICAO ITP
14	Running Continental Motors CD135/CD155 Engine Test	Face to Face	ICAO ITP
15	Safe Supply Chain	Face to Face	ICAO ITP
16	Safety Management for Practitioners (SMxP)-EN	Virtual Classroom	ICAO ITP
17	Safety Risk Management Fundamentals-EN	Virtual Classroom	ICAO ITP
18	State Safety Programme (SSP) (6-days)-EN	Face to Face	ICAO ITP

COURSES DEVELOPED BY THEMATIC AREA (2020)

Security and Facilitation		Delivery Mode	Type
1	Airport Facilitation	Face to Face	STP
2	Facilitación del Transporte Aéreo	Face to Face	STP
3	ICAO ACI Management of Airport Security : virtual classroom	Virtual Classroom	PTP
4	ICAO Annex 9 – Facilitation (5-days)-EN	Face to Face	PTP
5	ICAO Annex 9 - Facilitation-EN	Virtual Classroom	ICAO ITP
6	Managing Security in ATM	Face to Face	ICAO ITP
Training Competency Development		Delivery Mode	Type
1	Curso de Formación de Preparadores de Instrucción-SP	Virtual Classroom	ICAO ITP
2	Curso de Gerentes de Centros de Instrucción (CGCI)-SP	Virtual Classroom	ICAO ITP
3	Especialista en Evaluacion Post-Instruccion-SP	Virtual Classroom	ICAO ITP
4	Post-Training Evaluation (PTE)-EN	Virtual Classroom	ICAO ITP
5	Training Developers Course-EN	Virtual Classroom	ICAO ITP
6	Training Managers Course (TMC)-EN	Virtual Classroom	ICAO ITP
7	Validación de la instrucción basada en competencias-SP	Virtual Classroom	ICAO ITP
8	Validating Competency-based Training (VCT)-EN	Virtual Classroom	ICAO ITP
9	Virtual Classroom Instruction (VCI)-EN	Virtual Classroom	ICAO ITP

GLOSSARY

ICAO Training Package (ITP) / (RTCE ITP): An ITP is a training package produced by ICAO or a Regional Training Centre of Excellence (RTCE), in accordance with the ICAO Training Development Guide, Competency-based Methodology [Doc 9941] or an equivalent ISD methodology.

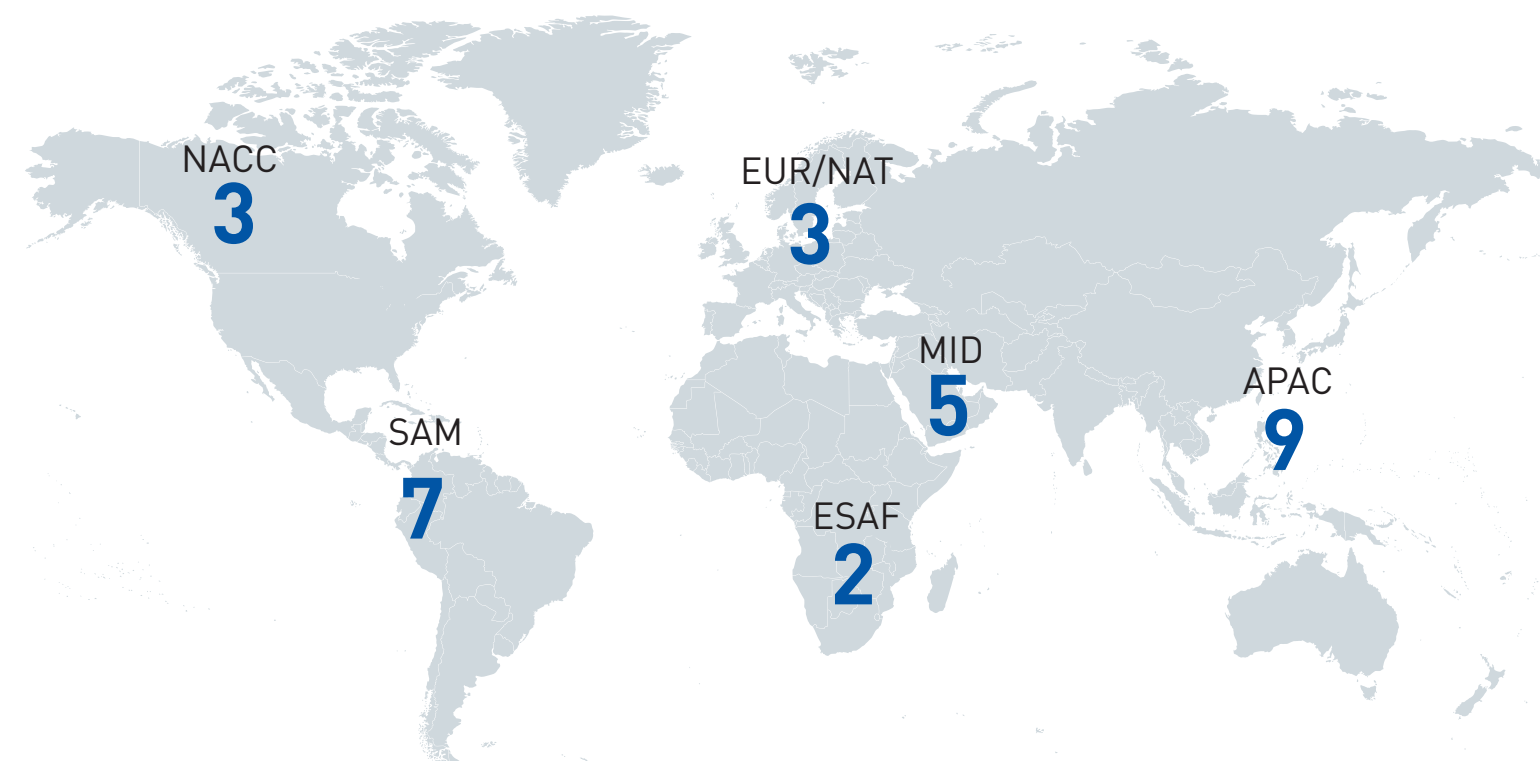
Compliant Training Package (CTP): A CTP is a training package that complies with ICAO Standards and Recommended Practices (SARPs) and guidance material. It is presented as a fully documented and tested comprehensive package of training material that reflects the current technological and operational requirements specific to a particular training topic, ICAO SARPs, Annexes and guidance material an ICAO training objectives, complements existing ICAO training, and makes a significant contribution to aviation capacity building.

Partner Training Package (PTP): A PTP is training material produced in partnership between ICAO and the training arm of a Corporate Member, industry partner, or educational institution, in accordance with the ICAO Training Development Guide, Competency-based Methodology [Doc 9941].

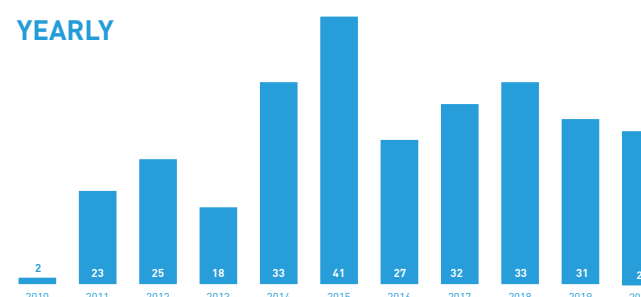
PTPs are presented as fully documented and tested comprehensive packages of training material that comply with ICAO SARPs and policies, help achieve ICAO training objectives, complement existing ICAO training, and make a significant contribution to aviation capacity building.

Standard Training Package (STP): An STP is a competency-based training package developed by TPP Members, using Member State's or industry requirements with operational content. An STP is produced in accordance with the ICAO Training Development Guide, Competency-based Methodology [Doc 9941]. It is self-contained, material-dependent, and validated by the TRAINAIR PLUS Programme. The package includes instructor material, trainee material, as well as relevant documents on how the course was developed.

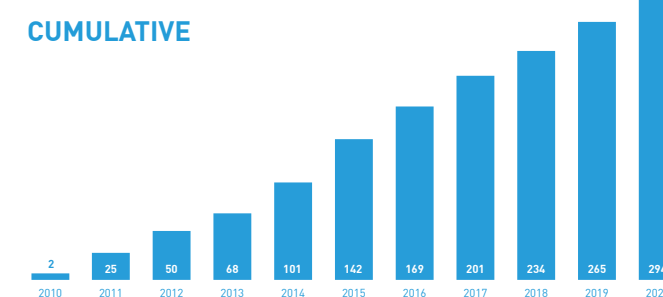
ASSESSMENTS OF TRAINING CENTRES 2020



YEARLY



CUMULATIVE

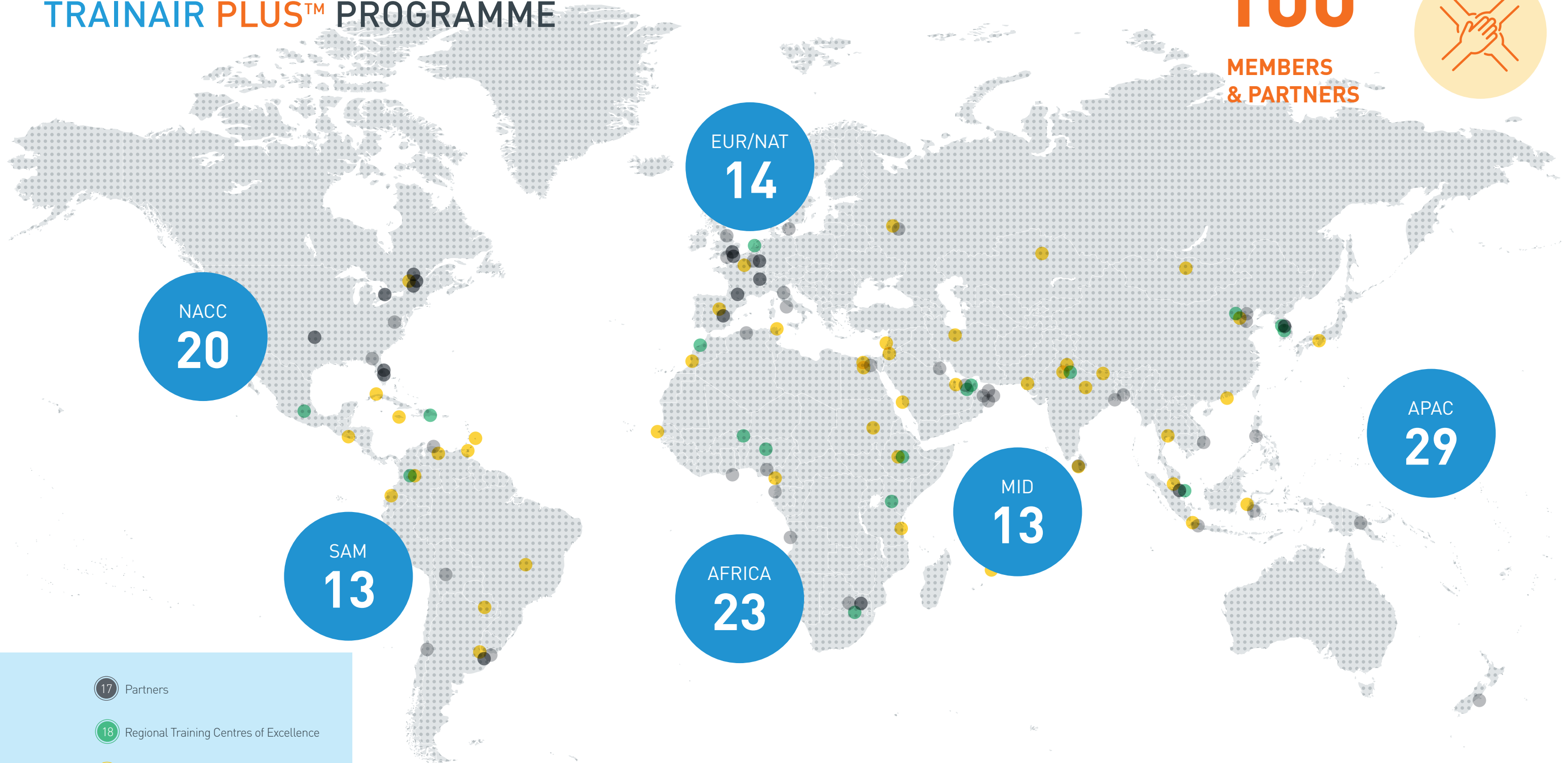


Region	State	Training Centre	Region	State	Training Centre
APAC	Philippines	Civil Aviation Training Centre	MID	UAE	International Aviation Consulting & Training
APAC	Vietnam	Vietnam Aviation Academy	MID	UAE	Gulf Centre for Aviation Studies (GCAS)
APAC	Korea	Incheon Aviation Academy (IAA)	MID	Qatar	Qatar Aeronautical College (QAC)
APAC	India	Indian Aviation Academy IAA	MID	Egypt	Egyptian Aviation Academy (EAA)
APAC	Korea	Korea Airports Corporation (KAC)	MID	UAE	GAL ANS
APAC	Thailand	CATC Thailand - RTCE requirements assessment	NACC	El Salvador	ICCAE-COCESNA
APAC	Pakistan	Civil Aviation Training Institute (CATI)	NACC	Dom. Republic	Instituto Dominicano de Aviacion Civil (ASCA)
APAC	China	Hong Kong Airport	NACC	Cuba	Centro de Adiestramiento de la Aviación (CAA)
APAC	China	Hong Kong International Aviation Academy (HKIAA)	SAM	Brazil	Agencia Nacional de Aviação Civil (ANAC)
ESAF	Mozambique	Escola Nacional de Aeronautica (ENA)	SAM	Mexico	Aeropuertos y Servicios Auxiliares (ASA)
ESAF	Kenya	East African School of Aviation (EASA)	SAM	Ecuador	ETAC
EUR/NAT	Spain	SENASA	SAM	Chile	Escuela Técnica Aeronáutica
EUR/NAT	Morocco	AIAC	SAM	Peru	CORPAC
EUR/NAT	Netherlands	JAATO	SAM	Uruguay	DINACIA
			SAM	Colombia	CEA - RTCE requirements assessment

MEMBERS OF THE TRAINAIR PLUS™ PROGRAMME

100+

MEMBERS & PARTNERS



- 17 Partners
- 18 Regional Training Centres of Excellence
- 44 Full Members
- 32 Associate Members

As of March 2021



ICAO RECOGNITION



COLLABORATION AND PARTNERSHIPS



QUALIFICATION OF TRAINING PROFESSIONALS



ACCESS TO A VIRTUAL LIBRARY OF 200+ COURSES

PARTNERS (17)

INTERNATIONAL AVIATION ORGANIZATIONS

Airports Council International (ACI) ●

ENAIRE - Air Navigation Service Provider of Spain ●

Ecole Nationale de l'Aviation Civile (ENAC) ●

EUROCONTROL - Institute of Air Navigation Services ●

Federal Aviation Administration (FAA), Flight Standards Workforce Development, United States ●

International Air Transport Association (IATA) ●

International Air Cargo Association (TIACA) ●

International Federation of Freight Forwarders Associations (FIATA) ●

CAA INTERNATIONAL (UKCAAi), United Kingdom ●

ACADEMIC INSTITUTIONS

Bucks New University, United Kingdom ●

Concordia University - John Molson School of Business, Canada ●

Embry-Riddle Aeronautical University, United States ●

Instituto Del Transporte de la universidad Nacional de San Martin (UNSAM), Argentina ●

Korea Aerospace University, Republic of Korea ●

Nanyang Technological University, Singapore ●

University of Waterloo, Canada ●

University of the Witwatersrand, South Africa ●

NORTH AMERICA CENTRAL AMERICA THE CARIBBEAN (12)

BARBADOS

The Barbados Civil Aviation Training Centre ●

CANADA

The ASI Institute, A Division of Aviation Strategies International ●

CUBA

Centro de Adiestramiento de la Aviación (CAA) ●

CURAÇAO

Dutch Caribbean Air Navigation Service Provider ●

DOMINICAN REPUBLIC

Academia Superior de Ciencias Aeronáuticas (ASCA) ●

EL SALVADOR

Instituto Centroamericano de Capacitación Aeronáutica (ICCAE) de COCESNA ●

JAMAICA

Civil Aviation Authority Training Institute (CAATI) ●

MEXICO

Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares. Ingeniero Roberto Kobeh González ●

PANAMA

Instituto Superior de Formación Profesional Aeronáutica ●

TRINIDAD AND TOBAGO

Trinidad and Tobago Civil Aviation Authority Civil Aviation Training Centre ●

UNITED STATES

Advanced ATC, Inc. ●

Delex Systems, Inc. ●

SOUTH AMERICA (11)

ARGENTINA

Centro de Instrucción, Perfeccionamiento y Experimentación (CIPE) ●

BOLIVIA

Instituto Nacional de Aviación Civil (INAC) ●

BRAZIL

Centro de Treinamento da Agencia Nacional de Aviação Civil (ANAC) ●

CHILE

Escuela Técnica Aeronáutica ●

COLOMBIA

Centro de Estudios de Ciencias Aeronáuticas - CEA ●

Corporación Educativa Indoamericana (CEI) ●

ECUADOR

Escuela Técnica de Aviación Civil (ETAC) ●

PARAGUAY

Instituto Nacional de Aeronáutica Civil (INAC) ●

PERU

Centro de Instrucción de Aviación Civil (CIAC) de CORPAC ●

URUGUAY

Instituto de Adiestramiento Aeronáutico - DINACIA ●

VENEZUELA

Instituto Universitario de Aeronáutica Civil (IUAC) ●

EUROPE (10)

FRANCE

Centre Français de Formation des Pompiers d'Aéroport (C2FPA) ●

ITALY

ENAV Academy ●

KAZAKHSTAN

Professional Training Center RSE "Kazaeronavigatsia" ●

NETHERLANDS

Joint Aviation Authorities Training Organisation (JAA TO) ●

RUSSIAN FEDERATION

Institute of Air Navigation (IAN) ●

Domodedovo Training LLC ●

SPAIN

Servicios y Estudios para la Navegación Aérea y la Seguridad Aeronáutica (SENASA) ●

SWEDEN

Entry Point North AB Nordic ATS Academy ●

UNITED KINGDOM

International Fire Training Centre ●

NATS Training Services ●

AFRICA (22)

ALGERIA

Établissement National de la Navigation Aérienne (CGRENA) ●

CAMEROON

Ecole Régionale de Sécurité Incendie (ERSI) ●

L'École de Formation (EFO) of the Cameroon Civil Aviation Authority ●

EGYPT

Egyptair Training Academy ●

Egyptian Aviation Academy (EAA) ●

United for Aviation Technology Services (United ATS) ●

ETHIOPIA

Ethiopian Aviation Academy (EAA) ●

Ethiopian Civil Aviation Training Centre (ECATC) ●

ERITREA

Eritrean School of Aviation ●

GHANA

Ghana Civil Aviation Training Academy (GATA) ●

KENYA

East African School of Aviation (EASA) ●

MAURITIUS

Airports of Mauritius Co Ltd. Aviation Training Centre ●

MOROCCO

Académie Internationale Mohamed VI de l'Aviation Civile (AIAC) ●

Loumed Cabin Crew Training Center (LCCTC) ●

NIGER

Ecole Africaine de la Météorologie et de l'Aviation Civile (EAMAC) ●

NIGERIA

Flying School and Air Traffic Services & Communications School of the Nigerian College of Aviation Technology (NCAT) ●

SENEGAL

Ecole Régionale de la Navigation Aérienne et Management (ERNAM) ●

SOUTH AFRICA

Air Traffic and Navigation Services (ATNS) - Aviation Training Academy ●

SUDAN

Sudan Academy for Aviation Sciences and Technology (SUDAFAST) ●

TUNISIA

Académie Tuniso-Française de Formation en Sûreté de l'Aviation Civile (AFSAC) ●

UNITED REPUBLIC OF TANZANIA

Civil Aviation Training Centre (CATC) ●

ZAMBIA

Zambia Air Services Training Institute (ZASTI) ●

MIDDLE EAST (13)

JORDAN

Queen Noor Civil Aviation Technical College (QNCATC) ●

KUWAIT

Australian College of Kuwait (ACK) ●

LEBANON

Middle East Airlines Training Center ●

OMAN

Arabian Development and Training Institute ●

International College of Engineering & Management ●

Oman Aircraft Control College ●

Oman Airports Learning & Development Center ●

QATAR

Qatar Aeronautical Academy ●

SAUDI ARABIA

Prince Sultan Aviation Academy ●

Saudi Academy of Civil Aviation (SACA) ●

UNITED ARAB EMIRATES

GAL ANS Training Centre ●

Gulf Center for Aviation Studies (GCAS) ●

International Aviation Consulting & Training, General Civil Aviation Authority ●

ASIA/PACIFIC (27)

BANGLADESH

Civil Aviation Training Centre (CATC) ●

CHINA

Capital Airports Management Academy ●

Civil Aviation University of China (CAUC) ●

Hong Kong International Aviation Academy (HKIAA) ●

Tianjin Jingwei Horizon Aviation Technology ●

INDIA

Airports Authority Rescue and Fire Fighting Services Training Centre ●

Civil Aviation Training College Allahabad ●

Fire Service Training Center (FSTC) ●

GMR Aviation Academy ●

Indian Aviation Academy (IAA) ●

INDONESIA

Center for Human Resources Development on Civil Aviation ●

Politeknik Penerbangan Indonesia ●

Indonesia Civil Pilot Academy of Banyuwangi ●

JAPAN

Aeronautical Safety College (ASC) ●

MALAYSIA

Malaysia Aviation Academy (MAvA) ●

MONGOLIA

Training Centre of the Mongolia Civil Aviation Authority (TCMCAA) ●

NEPAL

Civil Aviation Academy of Nepal (CAAN) ●

NEW ZEALAND

Airways New Zealand Training Centre ●

PAKISTAN

Civil Aviation Training Institute (CATI) ●

PAPUA NEW GUINEA

National Airports Corporation ●

PHILIPPINES

Civil Aviation Training Center Civil Aviation Authority ●

REPUBLIC OF KOREA

Civil Aviation Training Centre of Korea Airports Corporation (KAC) ●

Incheon Airport Aviation Academy (IAAA) ●

SINGAPORE

Singapore Aviation Academy (SAA) ●

SRI LANKA

Civil Aviation Training Centre (CATC) ●

THAILAND

Civil Aviation Training Centre (CATC) ●

VIETNAM

Vietnam Aviation Academy (VAA) ●

TRAINAIR PLUS™ PROGRAMME

PARTNERS

INTERNATIONAL AVIATION ORGANIZATIONS



ACADEMIC INSTITUTIONS



REGIONAL TRAINING CENTRES OF EXCELLENCE



FULL MEMBERS



ASSOCIATE MEMBERS



GLOSSARY

TPP Membership: ICAO recognizes aviation training centres through the TRAINAIR PLUS Programme (TPP) with the aim of improving the safety and efficiency of air transport through the establishment, maintenance and monitoring of high standards for training and competency of aviation personnel on a worldwide basis and in a cost-effective manner.

Categories of Membership: TPP is open to all training organizations and operators, provided they are recognized or approved by their respective governments. The network consists of the following four categories of membership:

Partners: Universities, regional and international aviation-oriented organizations, public institutions, aviation agencies and industry companies that develop and deliver a TRAINAIR PLUS Partnership Training Package (PTP) to respond to global and regional training needs and support the implementation of ICAO SARPs and aviation global plans.

Regional Training Centres of Excellence (RTCEs): TRAINAIR PLUS Full Members that develop ICAO courses, using ICAO provisions (Annexes and guidelines). This membership category offers additional partnership with ICAO for development of ITPs. RTCEs will be assessed by GAT, according to a set of high-level criteria.

Full Members: Training centres that wish to improve and consolidate competency-based training within their organizations must develop an STP, including the provision of on-the-job training to their course developers, conducted by an ICAO-qualified validator. Once the STP is validated by ICAO, the applicant will be granted TRAINAIR PLUS Full Member status;

Associate Members: To become a Associate Member, new applicants must complete the online application and successfully pass the TRAINAIR PLUS on-site assessment, conducted by an ICAO-qualified assessor, to determine compliance of the applicant with the criteria set forth in the TRAINAIR PLUS Assessment Guidelines (TPAG) and TRAINAIR PLUS Protocol Questionnaire.



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