

6. Capacity development support to key initiatives

6.1 Coordination on Education and Training Activities

Presented by

Mustafa ADIGUZEL & Luciane VEECK

13th Meeting of Capacity Development Panel

(EC-CDP-13)

23 and 24 September 2026



WORLD
METEOROLOGICAL
ORGANIZATION

2026 Achievements so far

Expanding learning opportunities, strengthening competency standards and growing the global training network

33

COURSE COLLABORATIONS

15

SELF-DIRECTED COURSES & LEARNING RESOURCES

12

COMPETENCY FRAMEWORKS & QUALIFICATIONS

2

NEW RTCs DESIGNATED

COURSE COLLABORATIONS

A broad 2026 portfolio delivered with technical, regional and training partners.

- Climate & tropical meteorology
- Satellite applications & OSCAR
- WIS 2.0 & interoperable data
- AI, hydrology & marine services
- Forecasting and early warning

33 active collaborations





SELF-DIRECTED COURSES

14 courses & learning resources

- Climate Financing
- Hydro Network Design
- Common Alerting Protocol
- Business Continuity
- Nowcasting
- Pest & Disease
- National Frameworks for Climate Services
- Online Calibration Course





COMPETENCY FRAMEWORKS

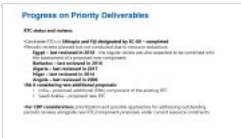
10 frameworks and 2 qualifications under review

Competency Frameworks:

- Satellite skills & knowledge
- WIS competency requirements
- Observations & instrumentation

Qualification:

- Hydrology — BIP-H / BIP-HT



REGIONAL TRAINING CENTRES

2 new RTCs designated in 2026

ETHIOPIA

RA I • EMI + AMU

FIJI

RA V • FMS

Global RTC network

51

Components

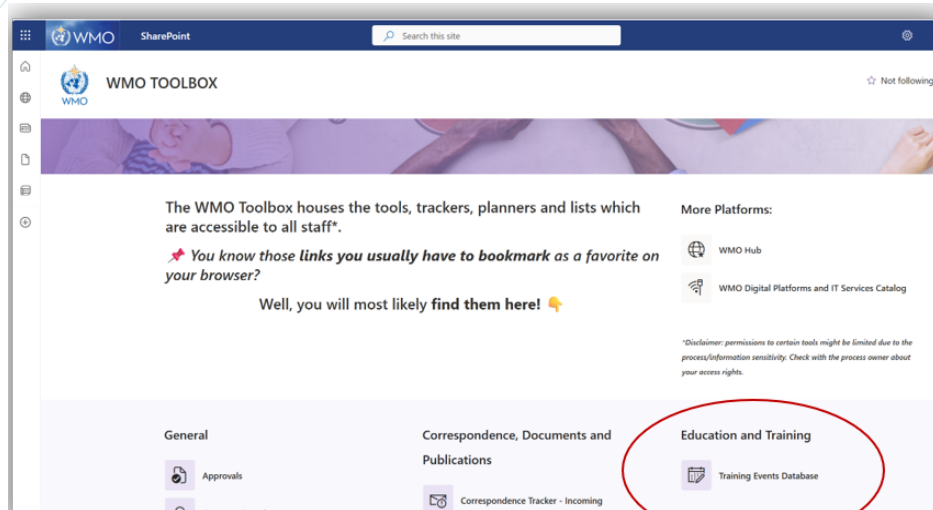
32

Members



Training Events Database

A shared institutional record of WMO-supported education and training activities



ACCESS

WMO Toolbox → Education and Training → Training Events Database

A single entry point for recording and retrieving training-event information.

PURPOSE

01

Capture training activities in one place

Create a more systematic institutional record instead of relying on dispersed emails, files and individual tracking.

WHY IT MATTERS

02

Turn activity data into useful evidence

Improve visibility of what is happening, support reporting and planning, and help identify patterns, gaps and possible duplication.

HOW IT WORKS

03

Record • update • use

Colleagues enter relevant training-event information; the consolidated data can then support monitoring, analysis and reporting.

The database is only as useful as the information we put into it.

WMO Global Campus Collection of Learning Resources

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Upcoming Events

AGRICULTURAL FLASH DROUGHT DETECTION USING SOLAR-INDUCED FLUORESCENCE (SIF) AND SOIL MOISTURE DATA

Dates: 24-Sep-2026 to 29-Sep-2026 | **Event Format:** Webinar | **Country:** ONLINE | **Language:** English | **Host :** NASA Applied Remote Sensing Training Program (ARSET)

UNDERSTANDING THE SEA: PRACTICAL GUIDE ON MARINE METEOROLOGY AND CLIMATOLOGY

Dates: 28-Sep-2026 to 01-Oct-2026 | **Event Format:** Online course | **Country:** SPAIN | **Language:** Spanish | **Host :** AEMET

QUARTER 3 AFRICAN WEATHER BRIEFING

Dates: 28-Sep-2026 to | **Event Format:** Discussion | **Country:** ONLINE | **Language:** English

THE EDGE OF TOMORROW: COLLABORATIVE OPERATIONAL MULTI-HAZARD MULTI-IMPACT FORECASTING

Dates: 29-Sep-2026 to 29-Sep-2026 | **Event Format:** Webinar | **Country:** ONLINE | **Language:** English | **Host :** EUMETCAL

ADVANCED TRAINING COURSE IN METEOROLOGICAL INSTRUMENTATION & INFORMATION COMMUNICATION SYSTEM

[WMO Global Campus Learning Events Calendar](#)

WMO Education and Training Programme



**Welcome to World Meteorological Organization (WMO)
Education and Training Programme (ETRP) Moodle
Platform**

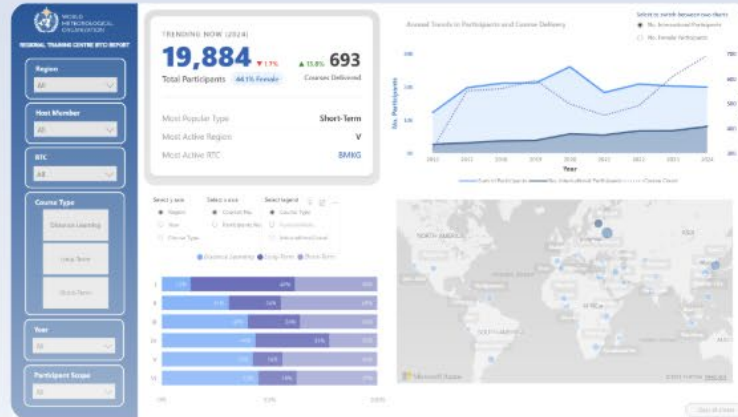
Progress on Priority Deliverables

RTC status and reviews

- Candidate RTCs in **Ethiopia and Fiji designated by EC-80 – completed**
- Periodic reviews planned but not conducted due to resource reductions:
 - Egypt – last reviewed in 2018** - the regular review was also expected to be combined with the assessment of a proposed new component;
 - Barbados – last reviewed in 2016**
 - Algeria – last reviewed in 2017**
 - Niger – last reviewed in 2014**
 - Angola – last reviewed in 2006**
- RA II considering two additional proposals:**
 - India – proposed additional (fifth) component of the existing RTC
 - Saudi Arabia – proposed new RTC
- For CDP consideration:** prioritization and possible approaches for addressing outstanding periodic reviews alongside new RTC/component proposals under current resource constraints.

WMO Regional Training Centres (RTCs) DASHBOARD

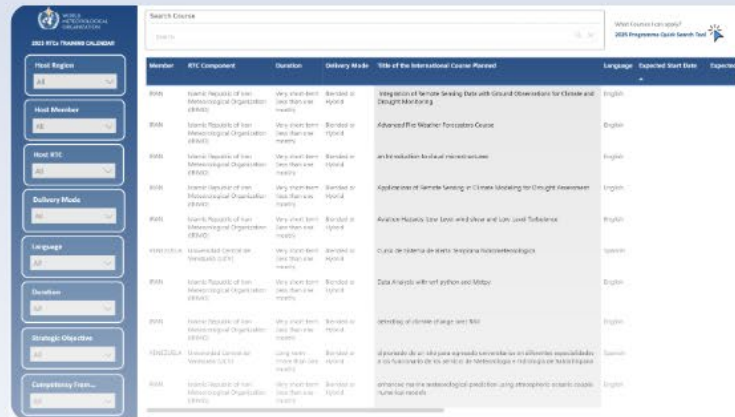
For questions and feedback, please contact WMO Capacity Development Division (CDD): tra@wmo.int



RTCs Course Implementation Report

(2016-2025)

Table View

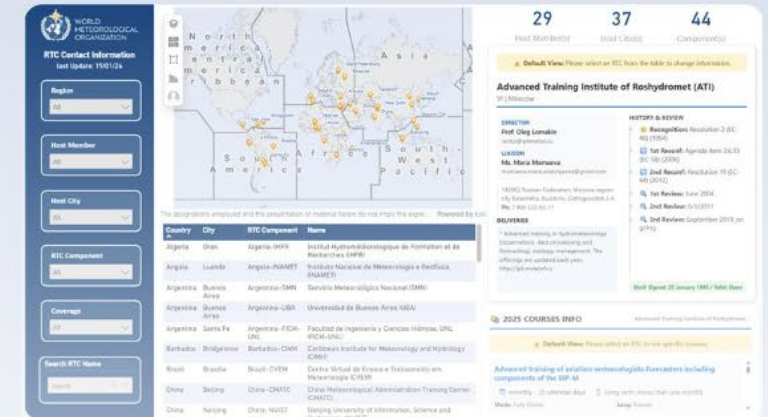


ID	RTC Component	Duration	Delivery Mode	Title of the International Course Planned	Language	Expected Start Date	Expected End Date
RT01	Climate Impacts of the Meteorological Organization (CIMO)	Very short-term (less than one month)	Blended (in-person)	Using satellite remote sensing data with ground observations for climate and drought monitoring	English		
RT02	Climate Impacts of the Meteorological Organization (CIMO)	Very short-term (less than one month)	Blended (in-person)	Advanced fire weather forecasting course	English		
RT03	Climate Impacts of the Meteorological Organization (CIMO)	Very short-term (less than one month)	Blended (in-person)	Introduction to weather forecasting	English		
RT04	Climate Impacts of the Meteorological Organization (CIMO)	Very short-term (less than one month)	Blended (in-person)	Application of remote sensing in climate modeling for drought assessment	English		
RT05	Climate Impacts of the Meteorological Organization (CIMO)	Very short-term (less than one month)	Blended (in-person)	Analysis of climate data for water and land use	English		
RT06	Climate Impacts of the Meteorological Organization (CIMO)	Very short-term (less than one month)	Blended (in-person)	Climate data for water and land use	English		
RT07	Climate Impacts of the Meteorological Organization (CIMO)	Very short-term (less than one month)	Blended (in-person)	Climate data for water and land use	English		
RT08	Climate Impacts of the Meteorological Organization (CIMO)	Very short-term (less than one month)	Blended (in-person)	Climate data for water and land use	English		
RT09	Climate Impacts of the Meteorological Organization (CIMO)	Very short-term (less than one month)	Blended (in-person)	Climate data for water and land use	English		
RT10	Climate Impacts of the Meteorological Organization (CIMO)	Very short-term (less than one month)	Blended (in-person)	Climate data for water and land use	English		

RTCs Course Offering Plans

(2026)

Quick Search Tool



RTC Contacts



Joint WMO Education, Training, and Capacity Development Event

“ Transforming Education and Training to Build Workforces for Future-Ready Weather, Climate and Water Services ”

7–11 DECEMBER 2026
NANJING, CHINA



EVENT WEBSITE
etrp.wmo.int/enrol/index.php?id=455



SYMET-15

Fifteenth WMO Symposium on Education and Training

7–9 DECEMBER 2026



CONECT-4

Fourth Meeting of the Consortium of WMO Education and Training Collaborating Partners

10–11 DECEMBER 2026



Meeting of Directors of WMO Regional Training Centres

11 DECEMBER 2026

Joint Event | One Connected Five-Day Journey

SYMET-15, CONECT-4 and the Meeting of Directors of WMO Regional Training Centres



Day	Time	Topic	Facilitator	Location	Room
Day 1	09:00 - 10:00	Registration			
Day 1	10:00 - 11:00	Opening	SYMET-15		SYMET-15
Day 1	11:00 - 12:00	Session 1	SYMET-15		SYMET-15
Day 1	12:00 - 13:00	Lunch			
Day 1	13:00 - 14:00	Session 2	SYMET-15		SYMET-15
Day 1	14:00 - 15:00	Session 3	SYMET-15		SYMET-15
Day 1	15:00 - 16:00	Session 4	SYMET-15		SYMET-15
Day 1	16:00 - 17:00	Session 5	SYMET-15		SYMET-15
Day 1	17:00 - 18:00	Session 6	SYMET-15		SYMET-15
Day 1	18:00 - 19:00	Session 7	SYMET-15		SYMET-15
Day 1	19:00 - 20:00	Session 8	SYMET-15		SYMET-15
Day 1	20:00 - 21:00	Session 9	SYMET-15		SYMET-15
Day 1	21:00 - 22:00	Session 10	SYMET-15		SYMET-15
Day 1	22:00 - 23:00	Session 11	SYMET-15		SYMET-15
Day 1	23:00 - 24:00	Session 12	SYMET-15		SYMET-15
Day 1	24:00 - 25:00	Session 13	SYMET-15		SYMET-15
Day 1	25:00 - 26:00	Session 14	SYMET-15		SYMET-15
Day 1	26:00 - 27:00	Session 15	SYMET-15		SYMET-15
Day 1	27:00 - 28:00	Session 16	SYMET-15		SYMET-15
Day 1	28:00 - 29:00	Session 17	SYMET-15		SYMET-15
Day 1	29:00 - 30:00	Session 18	SYMET-15		SYMET-15
Day 1	30:00 - 31:00	Session 19	SYMET-15		SYMET-15
Day 1	31:00 - 32:00	Session 20	SYMET-15		SYMET-15
Day 1	32:00 - 33:00	Session 21	SYMET-15		SYMET-15
Day 1	33:00 - 34:00	Session 22	SYMET-15		SYMET-15
Day 1	34:00 - 35:00	Session 23	SYMET-15		SYMET-15
Day 1	35:00 - 36:00	Session 24	SYMET-15		SYMET-15
Day 1	36:00 - 37:00	Session 25	SYMET-15		SYMET-15
Day 1	37:00 - 38:00	Session 26	SYMET-15		SYMET-15
Day 1	38:00 - 39:00	Session 27	SYMET-15		SYMET-15
Day 1	39:00 - 40:00	Session 28	SYMET-15		SYMET-15
Day 1	40:00 - 41:00	Session 29	SYMET-15		SYMET-15
Day 1	41:00 - 42:00	Session 30	SYMET-15		SYMET-15
Day 1	42:00 - 43:00	Session 31	SYMET-15		SYMET-15
Day 1	43:00 - 44:00	Session 32	SYMET-15		SYMET-15
Day 1	44:00 - 45:00	Session 33	SYMET-15		SYMET-15
Day 1	45:00 - 46:00	Session 34	SYMET-15		SYMET-15
Day 1	46:00 - 47:00	Session 35	SYMET-15		SYMET-15
Day 1	47:00 - 48:00	Session 36	SYMET-15		SYMET-15
Day 1	48:00 - 49:00	Session 37	SYMET-15		SYMET-15
Day 1	49:00 - 50:00	Session 38	SYMET-15		SYMET-15
Day 1	50:00 - 51:00	Session 39	SYMET-15		SYMET-15
Day 1	51:00 - 52:00	Session 40	SYMET-15		SYMET-15
Day 1	52:00 - 53:00	Session 41	SYMET-15		SYMET-15
Day 1	53:00 - 54:00	Session 42	SYMET-15		SYMET-15
Day 1	54:00 - 55:00	Session 43	SYMET-15		SYMET-15
Day 1	55:00 - 56:00	Session 44	SYMET-15		SYMET-15
Day 1	56:00 - 57:00	Session 45	SYMET-15		SYMET-15
Day 1	57:00 - 58:00	Session 46	SYMET-15		SYMET-15
Day 1	58:00 - 59:00	Session 47	SYMET-15		SYMET-15
Day 1	59:00 - 60:00	Session 48	SYMET-15		SYMET-15
Day 1	60:00 - 61:00	Session 49	SYMET-15		SYMET-15
Day 1	61:00 - 62:00	Session 50	SYMET-15		SYMET-15
Day 1	62:00 - 63:00	Session 51	SYMET-15		SYMET-15
Day 1	63:00 - 64:00	Session 52	SYMET-15		SYMET-15
Day 1	64:00 - 65:00	Session 53	SYMET-15		SYMET-15
Day 1	65:00 - 66:00	Session 54	SYMET-15		SYMET-15
Day 1	66:00 - 67:00	Session 55	SYMET-15		SYMET-15
Day 1	67:00 - 68:00	Session 56	SYMET-15		SYMET-15
Day 1	68:00 - 69:00	Session 57	SYMET-15		SYMET-15
Day 1	69:00 - 70:00	Session 58	SYMET-15		SYMET-15
Day 1	70:00 - 71:00	Session 59	SYMET-15		SYMET-15
Day 1	71:00 - 72:00	Session 60	SYMET-15		SYMET-15
Day 1	72:00 - 73:00	Session 61	SYMET-15		SYMET-15
Day 1	73:00 - 74:00	Session 62	SYMET-15		SYMET-15
Day 1	74:00 - 75:00	Session 63	SYMET-15		SYMET-15
Day 1	75:00 - 76:00	Session 64	SYMET-15		SYMET-15
Day 1	76:00 - 77:00	Session 65	SYMET-15		SYMET-15
Day 1	77:00 - 78:00	Session 66	SYMET-15		SYMET-15
Day 1	78:00 - 79:00	Session 67	SYMET-15		SYMET-15
Day 1	79:00 - 80:00	Session 68	SYMET-15		SYMET-15
Day 1	80:00 - 81:00	Session 69	SYMET-15		SYMET-15
Day 1	81:00 - 82:00	Session 70	SYMET-15		SYMET-15
Day 1	82:00 - 83:00	Session 71	SYMET-15		SYMET-15
Day 1	83:00 - 84:00	Session 72	SYMET-15		SYMET-15
Day 1	84:00 - 85:00	Session 73	SYMET-15		SYMET-15
Day 1	85:00 - 86:00	Session 74	SYMET-15		SYMET-15
Day 1	86:00 - 87:00	Session 75	SYMET-15		SYMET-15
Day 1	87:00 - 88:00	Session 76	SYMET-15		SYMET-15
Day 1	88:00 - 89:00	Session 77	SYMET-15		SYMET-15
Day 1	89:00 - 90:00	Session 78	SYMET-15		SYMET-15
Day 1	90:00 - 91:00	Session 79	SYMET-15		SYMET-15
Day 1	91:00 - 92:00	Session 80	SYMET-15		SYMET-15
Day 1	92:00 - 93:00	Session 81	SYMET-15		SYMET-15
Day 1	93:00 - 94:00	Session 82	SYMET-15		SYMET-15
Day 1	94:00 - 95:00	Session 83	SYMET-15		SYMET-15
Day 1	95:00 - 96:00	Session 84	SYMET-15		SYMET-15
Day 1	96:00 - 97:00	Session 85	SYMET-15		SYMET-15
Day 1	97:00 - 98:00	Session 86	SYMET-15		SYMET-15
Day 1	98:00 - 99:00	Session 87	SYMET-15		SYMET-15
Day 1	99:00 - 100:00	Session 88	SYMET-15		SYMET-15
Day 1	100:00 - 101:00	Session 89	SYMET-15		SYMET-15
Day 1	101:00 - 102:00	Session 90	SYMET-15		SYMET-15
Day 1	102:00 - 103:00	Session 91	SYMET-15		SYMET-15
Day 1	103:00 - 104:00	Session 92	SYMET-15		SYMET-15
Day 1	104:00 - 105:00	Session 93	SYMET-15		SYMET-15
Day 1	105:00 - 106:00	Session 94	SYMET-15		SYMET-15
Day 1	106:00 - 107:00	Session 95	SYMET-15		SYMET-15
Day 1	107:00 - 108:00	Session 96	SYMET-15		SYMET-15
Day 1	108:00 - 109:00	Session 97	SYMET-15		SYMET-15
Day 1	109:00 - 110:00	Session 98	SYMET-15		SYMET-15
Day 1	110:00 - 111:00	Session 99	SYMET-15		SYMET-15
Day 1	111:00 - 112:00	Session 100	SYMET-15		SYMET-15

SYMET-15

7–9 December

Strategic dialogue

Future services and workforce →
transformed learning → workforce-
development systems

CONECT-4

10–11 December AM

Collaboration & collective action

Take the SYMET discussion into the
WMO Global Campus and
partnership context

RTC Directors

11 December PM

Implementation & follow-up

Dedicated opportunity for the RTC
network to consider priorities and
implementation • invitation only

Theme: Transforming Education and Training to Build Workforces for
Future-Ready Weather, Climate and Water Services

The programme is deliberately participatory:
keynotes and plenaries + panels and round tables + working groups + posters + networking.

SYMET-15 • CONECT-4 • WMO RTCs Meeting

Overall Programme at a Glance

Nanjing, China | 7 – 11 December 2026

Local Time (UTC+8) Nanjing, China	UTC	Monday 7 December	Tuesday 8 December	Wednesday 9 December	Thursday 10 December	Friday 11 December
09:00 – 10:30	01:00 – 02:30	Opening	SYMET-15	SYMET-15	CONECT-4	CONECT-4
10:30 – 11:00	02:30 – 03:00	 Coffee Break				
11:00 – 12:30	03:00 – 04:30	SYMET-15	SYMET-15	SYMET-15	CONECT-4	CONECT-4
12:30 – 14:00	04:30 – 06:00	 Lunch Break				
14:00 – 15:30	06:00 – 07:30	SYMET-15	SYMET-15	SYMET-15	CONECT-4	WMO RTCs
15:30 – 16:00	07:30 – 08:00	 Coffee Break				
16:00 – 17:30	08:00 – 09:30	SYMET-15	SYMET-15	SYMET-15	CONECT-4	WMO RTCs

 Working hours: 09:00 – 17:30 local time in Nanjing, China (UTC+8)



SYMET-15

Symposium on Education and Training



CONECT-4

Plenary Meeting of the Consortium
of WMO Education and Training
Collaborating Partners



WMO RTCs

Meeting of Directors of
WMO Regional Training Centres



Opening

Joint Event Opening Session



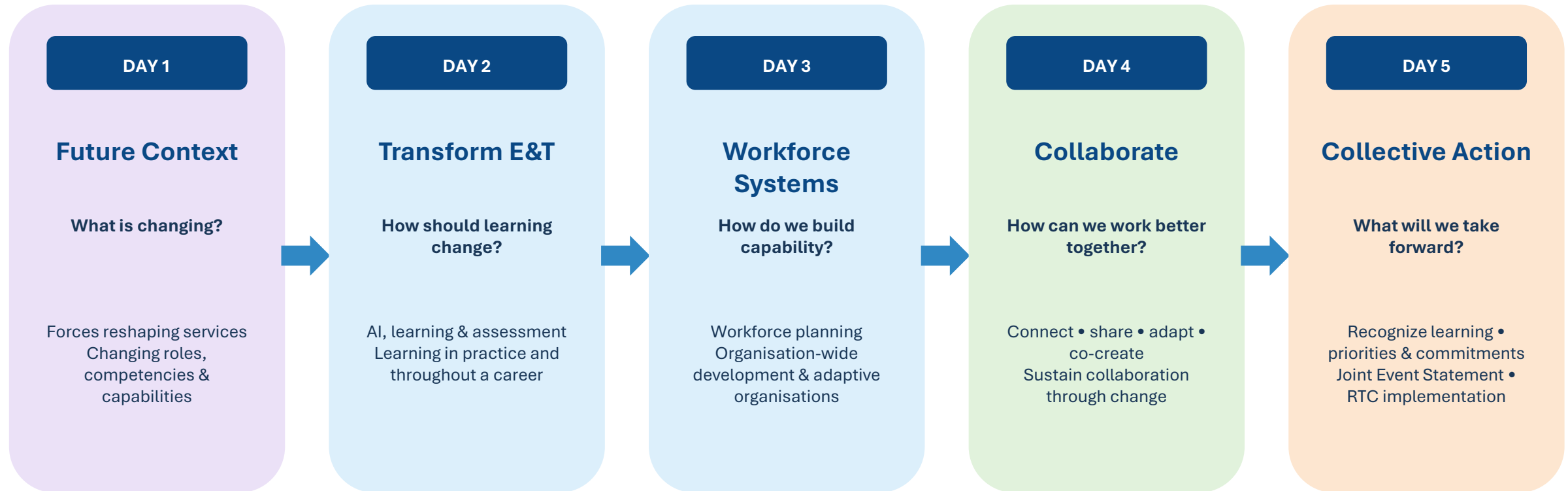
Coffee Break



Lunch Break

The Programme | From Understanding Change to Collective Action

Each day builds on the previous one, with structured playback and synthesis



Discussion → daily synthesis → recommendations → priorities & commitments → Joint Event Statement → follow-up and implementation

Global Reach

Registered participants for the Joint Event

SYMET-15 | CONECT-4 | RTC Directors' Meeting



156

REGISTERED
PARTICIPANTS



61

COUNTRIES /
TERRITORIES



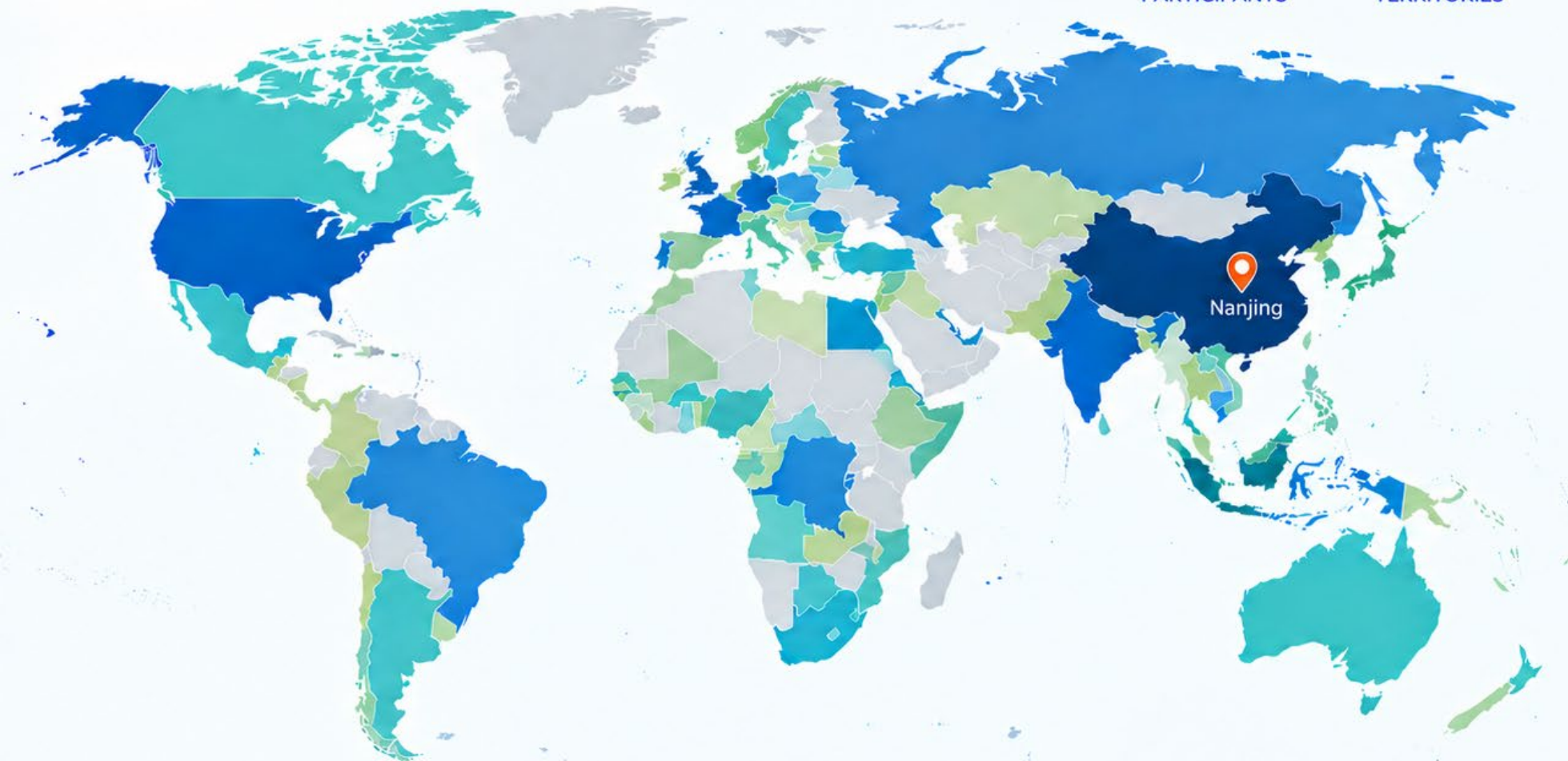
100

IN PERSON
(64%)



56

ONLINE
(36%)



Number of registered participants by country/territory



Participants by WMO Region

Africa (RA I)	35	
Asia (RA II)	34	
South America (RA III)	16	
North America, Central America and the Caribbean (RA IV)	27	
South-West Pacific (RA V)	10	
Europe (RA VI)	34	

Based on 156 registrations from 61 countries/territories as of current date).

SYMET-15 | CONECT-4 | RTC Directors' Meeting

7–11 December 2026 | Nanjing, China (Hybrid)



Where We Stand | Participation Snapshot

Registrations as of 23 September 2026

156

REGISTERED

61

COUNTRIES & TERRITORIES

Participation mode

100
IN PERSON

64%

56
ONLINE

36%



Gender

74

47.4%

Women

81

51.9%

Men

1

0.6%

Prefer not
to say



Age group

25

16.0%

18–35 years

129

82.7%

36 years +

2

1.3%

Prefer not
to say



NEXT MILESTONES

15 Oct Poster abstracts

30 Nov Registration

Focus now:

contributors • posters • logistics • delivery

Thank You



WORLD
METEOROLOGICAL
ORGANIZATION