

APLAC PAC

2017 Training Needs Survey

September 2017

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Chair, APLAC Training Committee

Response received from:

Full

A2LA	ANSI	BAB	BLQS	BoA	CALA
CNAS	DAC	DAP	EMA	HKAS	IAJapan
IAS	IOAS	IQMH	ISMS-ACJAB	JSM	
KAB	KAN	KAS	KOLAS	MNAS	NABET
NABL	NACI	NCA	NSC	NVLAP	PAB
PNGLAS	SLAB	SAC	TAF		

Associate

ALAB	DA	NIER
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Recovery rate

	APLAC only	Common	PAC only	Subtotal
Full	11	15	8	34
Associate	2	1	0	3
Recovery rate	56%		63%	

Developed	Developing
21	16

Training Needs Survey

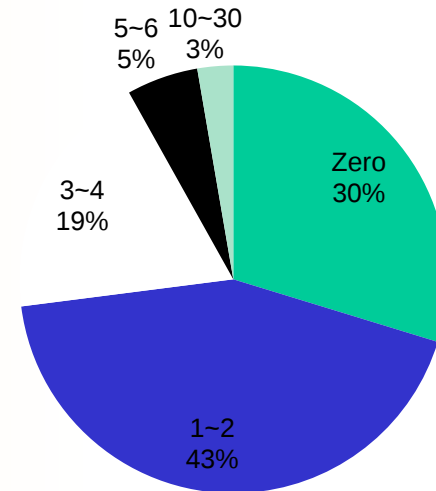
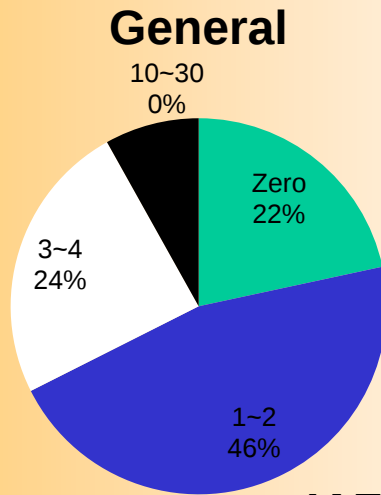
- AB operations

Most needed trainings:

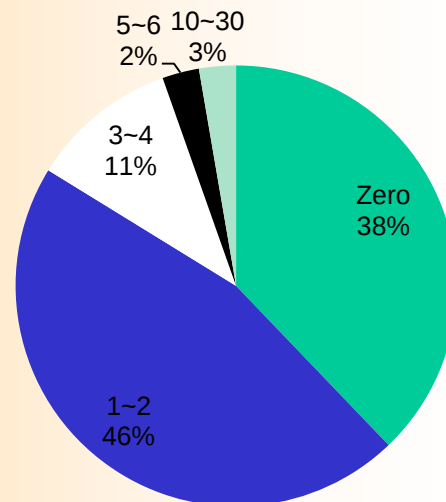
Training	1st	2nd	3rd
ISO/IEC 17011	23	6	5
Regulatory practice and use of accreditation	0	4	6
Reliance and use of accredited conformity assessment in purchasing and contracts	1	0	3
Train the trainer (for assessor training)	7	16	3
AB Attachment training (1-2 weeks duration)	2	4	7
AB Secondments (1-3 months duration)	0	2	3

AB Operations – ISO/IEC 17011

ILAC and APLAC requirements

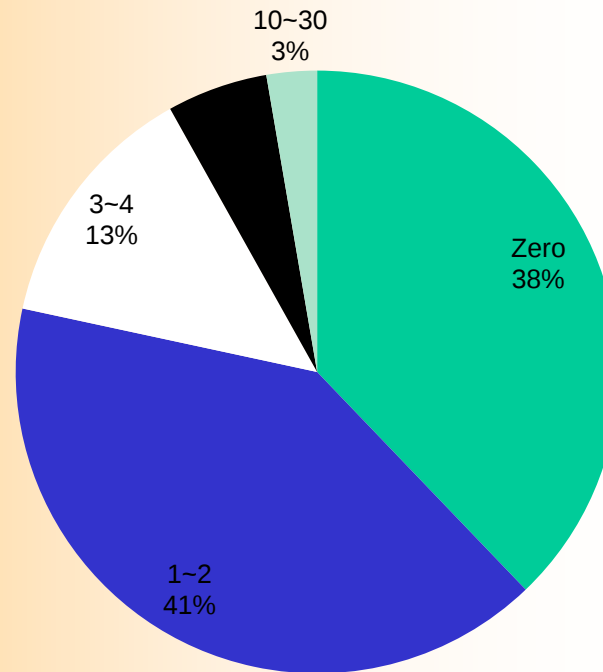


IAF and PAC requirements

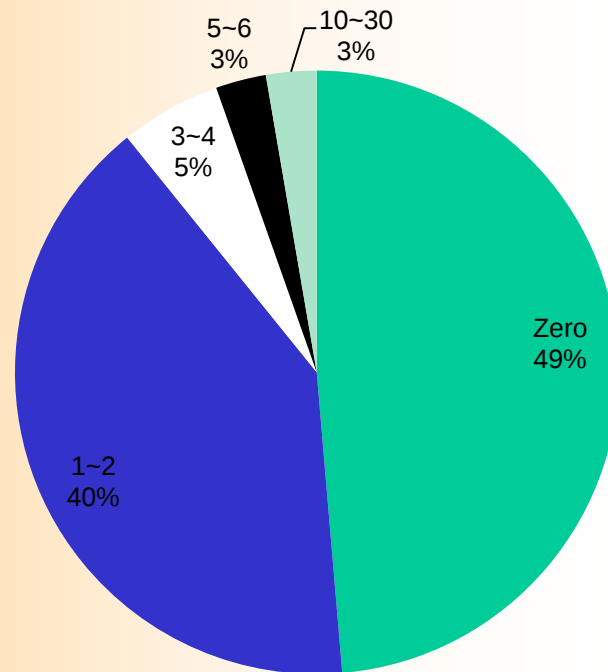


Number of participants

AB operations - Regulatory practice and use of accreditation

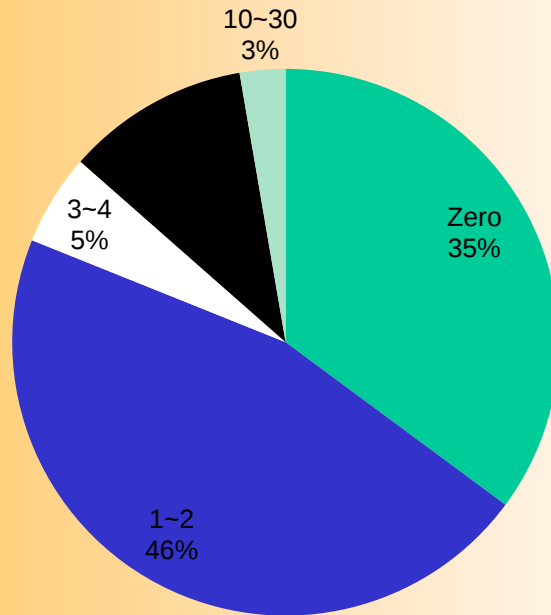


AB operations - Reliance and use of accredited conformity assessment in purchasing and contracts

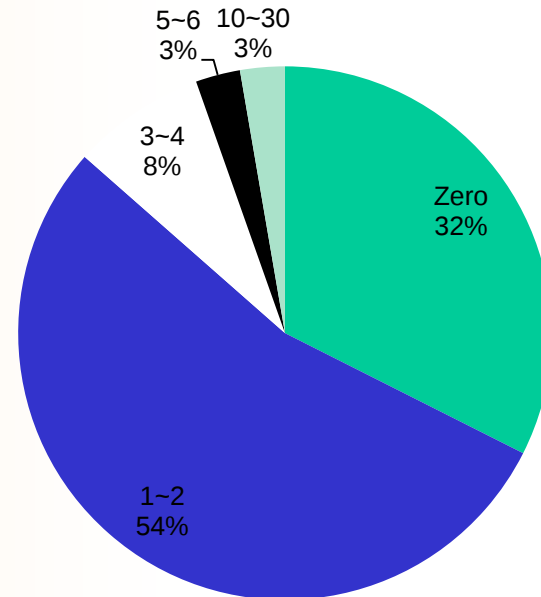


AB operations - Train the trainer (for assessor training)

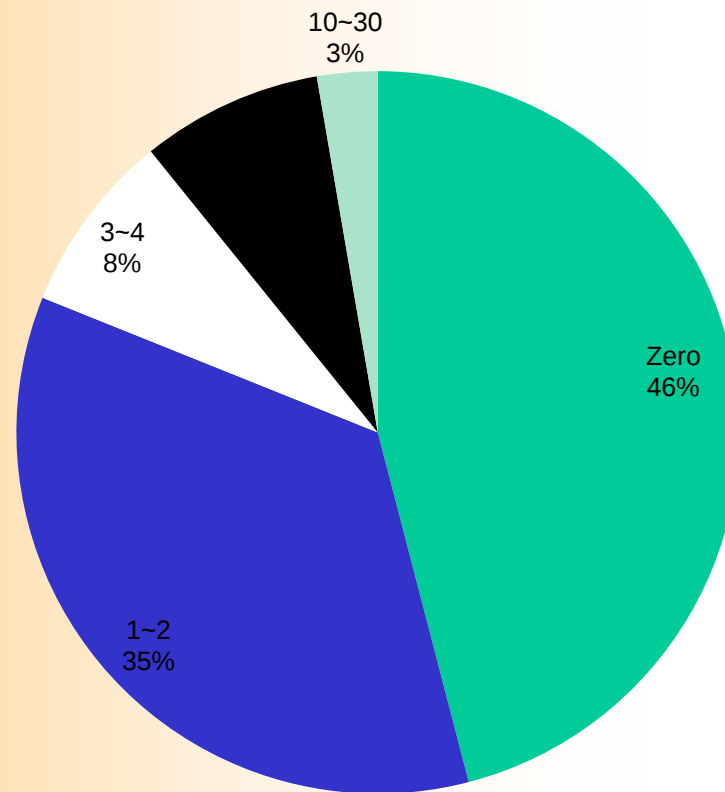
LAB / IB / PTP / RMP



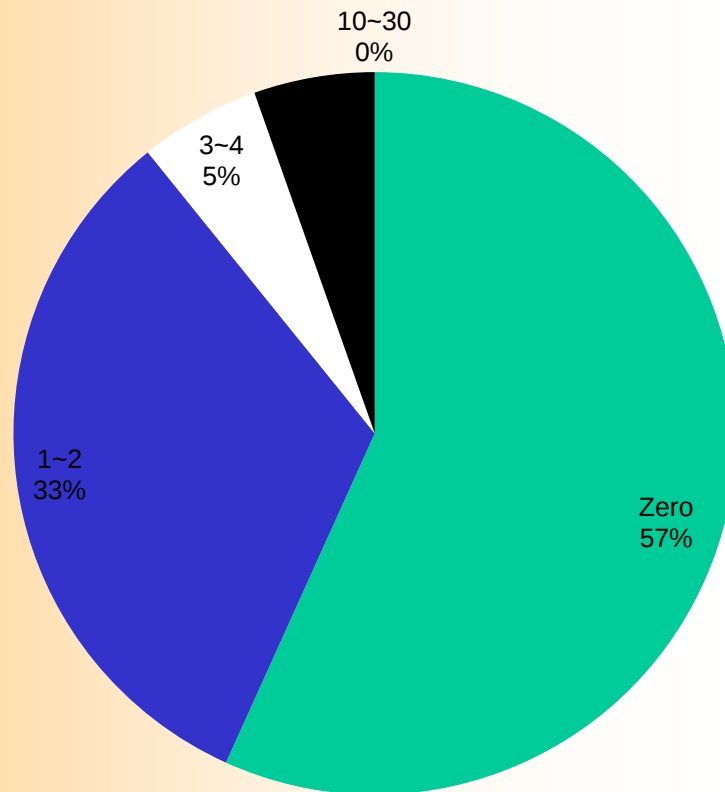
CB / VVB



AB operations - AB Attachment training (1-2 weeks duration)



AB operations - AB Secondments (1-3 months duration)



Training Needs Survey

CAB accreditation – field specific

Most needed trainings:

Training	1st	2nd	3rd	
ISO/IEC 17025	20	1	1	22
ISO 15189	6	5	3	14
ISO/IEC 17020	1	4	5	10
ISO/IEC 17034	4	2	1	7
ISO/IEC 17043	4	1	2	7

Training Needs Survey

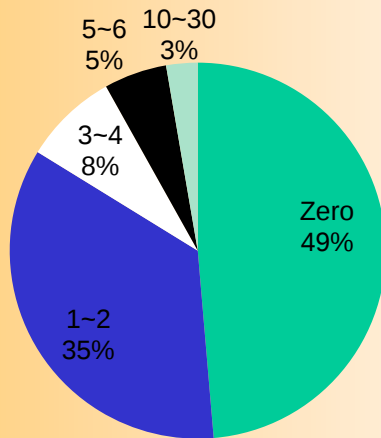
- CAB accreditation – field specific

Most needed trainings:

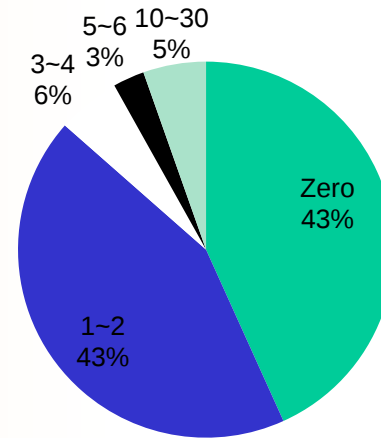
Training	1st	2nd	3rd	
ISO/IEC 17021-1 (MS)	2	2	3	7
ISO/IEC 27006 (ISMS)	1	3	0	4
ISO TS 22003 (FSMS)	0	0	0	0
ISO/IEC 17024 (Persons)	1	2	6	9
ISO/IEC 17065 (Product)	2	4	0	6
ISO 14065 (GHG)	3	4	1	8

CAB accreditation – ISO/IEC 17025 (Testing & Calibration)

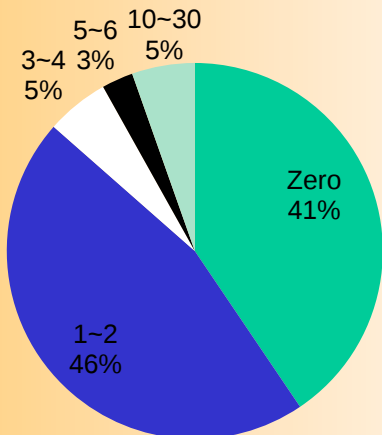
ISO/IEC 17025 - General



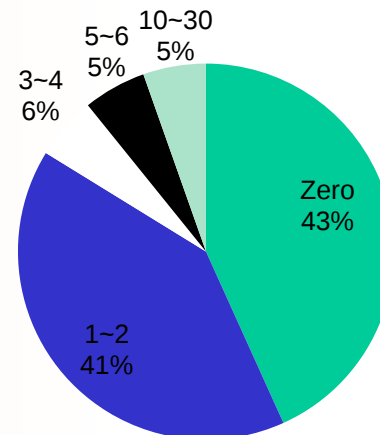
ISO/IEC 17025 - CMC



ISO/IEC 17025 - Traceability

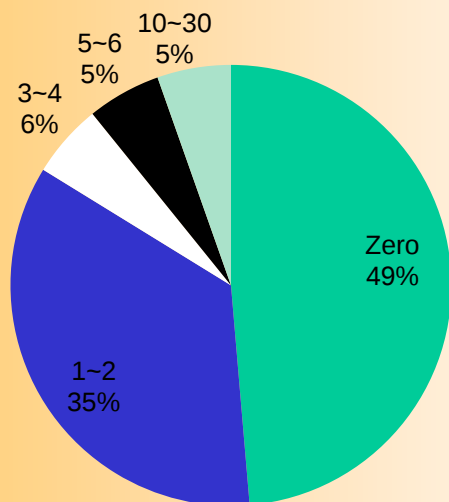


ISO/IEC 17025 - Uncertainty

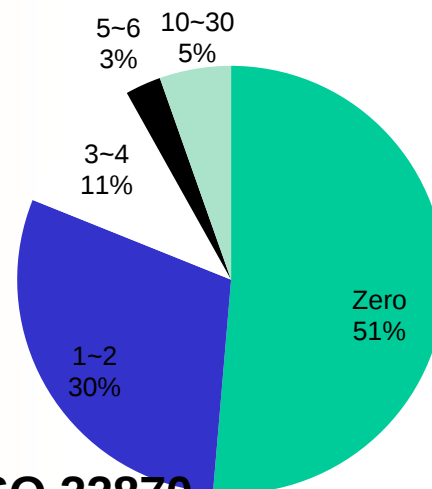


CAB accreditation – ISO 15189 (Medical)

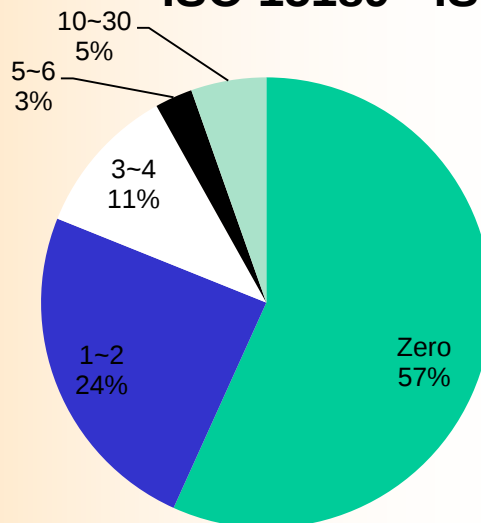
ISO 15189 - General



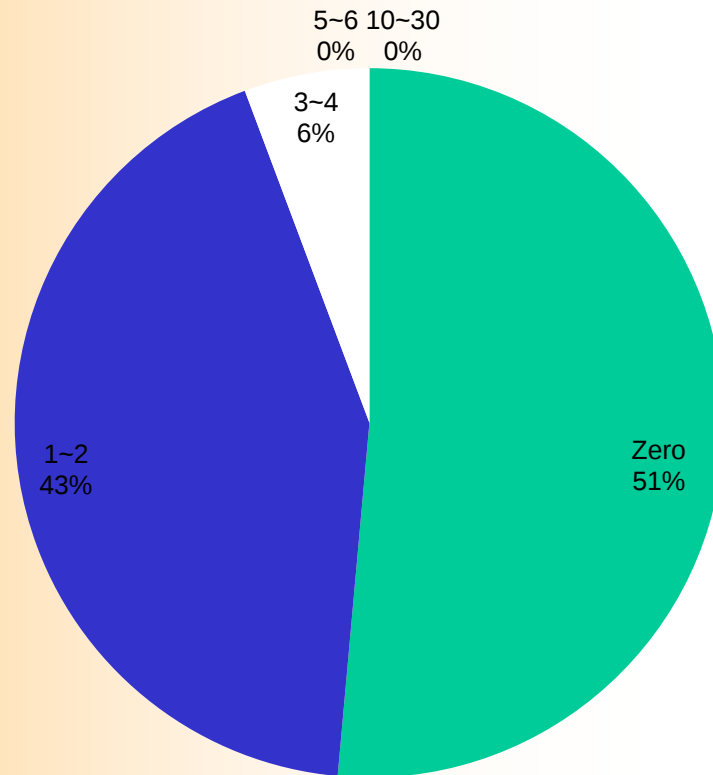
ISO 15189 - ISO 15195



ISO 15189 - ISO 22870

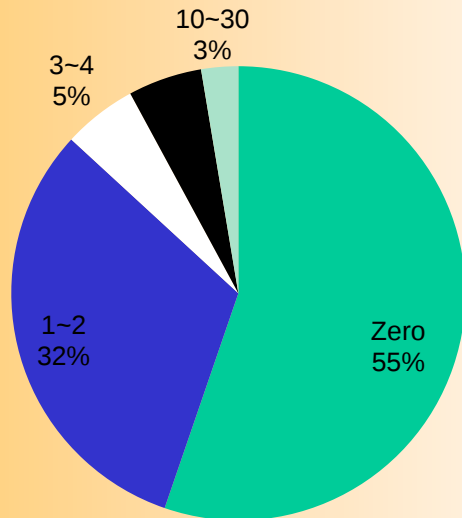


CAB accreditation – ISO/IEC 17020 (Inspection)

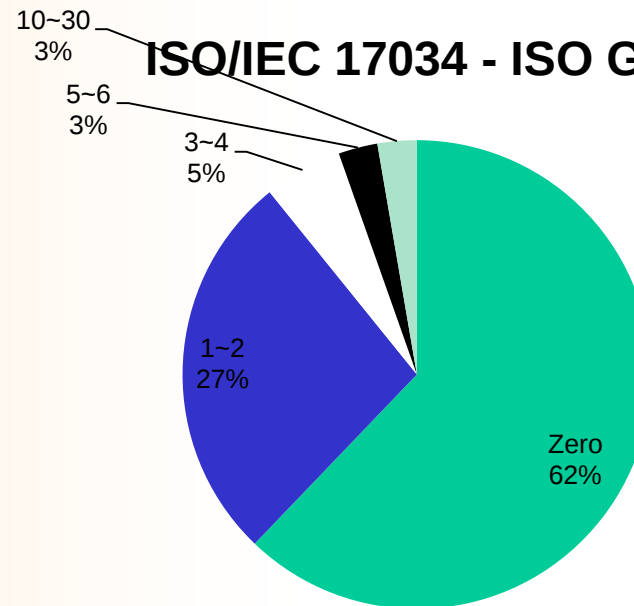


CAB accreditation – ISO/IEC 17034 (RMP)

ISO/IEC 17034 - General

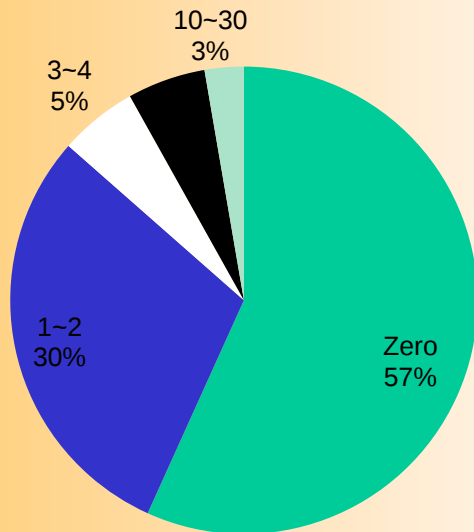


ISO/IEC 17034 - ISO Guide 35

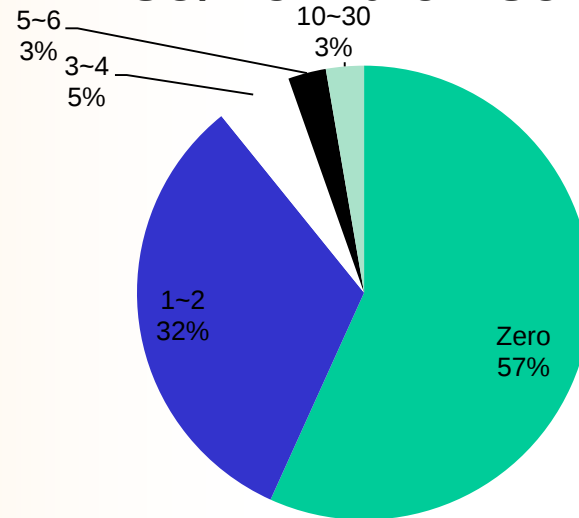


CAB accreditation – ISO/IEC 17043 (PTP)

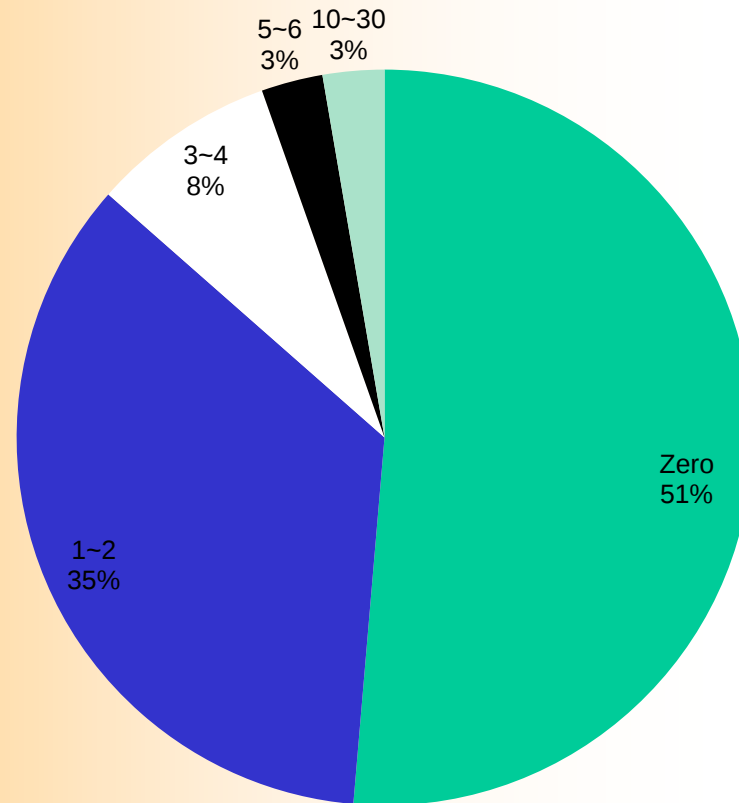
ISO/IEC 17043 - General



ISO/IEC 17043 - ISO 13528

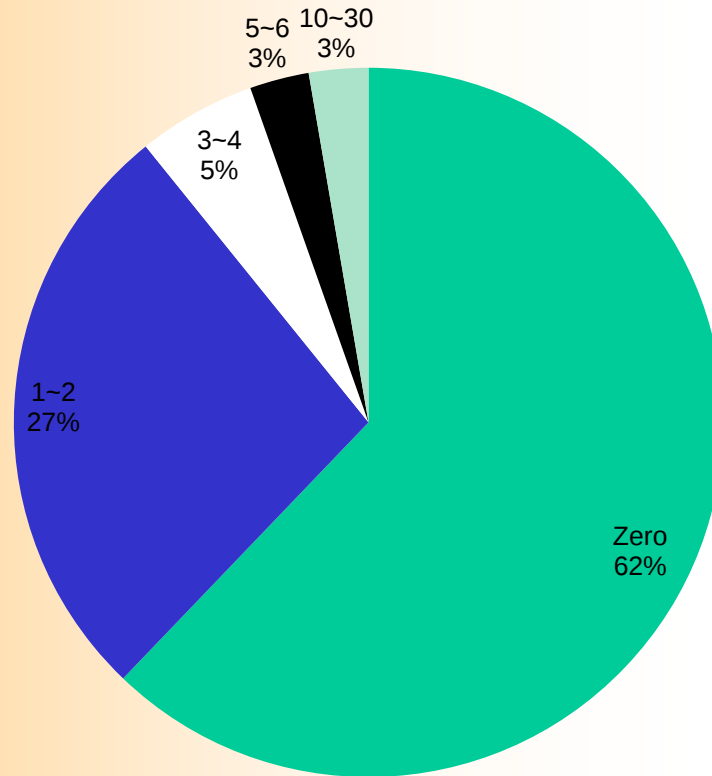


CAB accreditation – ISO/IEC 17021-1 (MS)



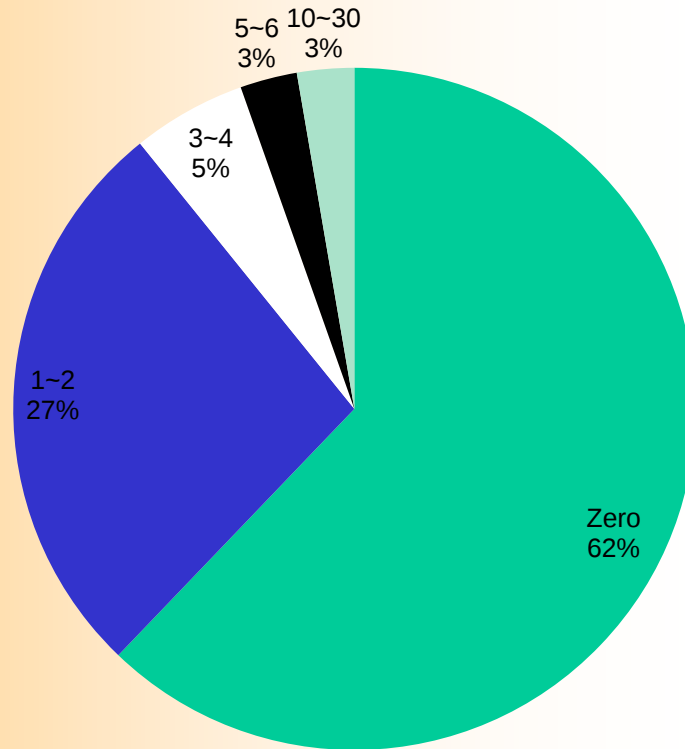
Number of participants

CAB accreditation – ISO/IEC 27006 (ISMS)

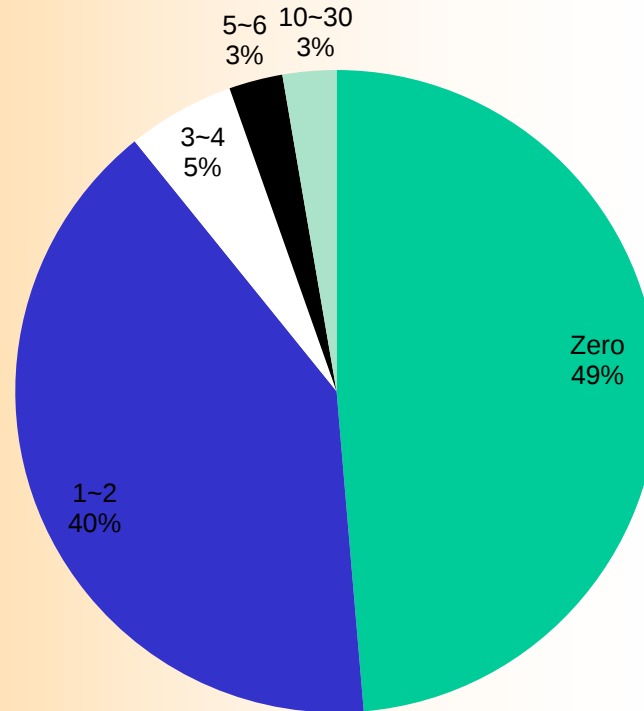


Number of participants

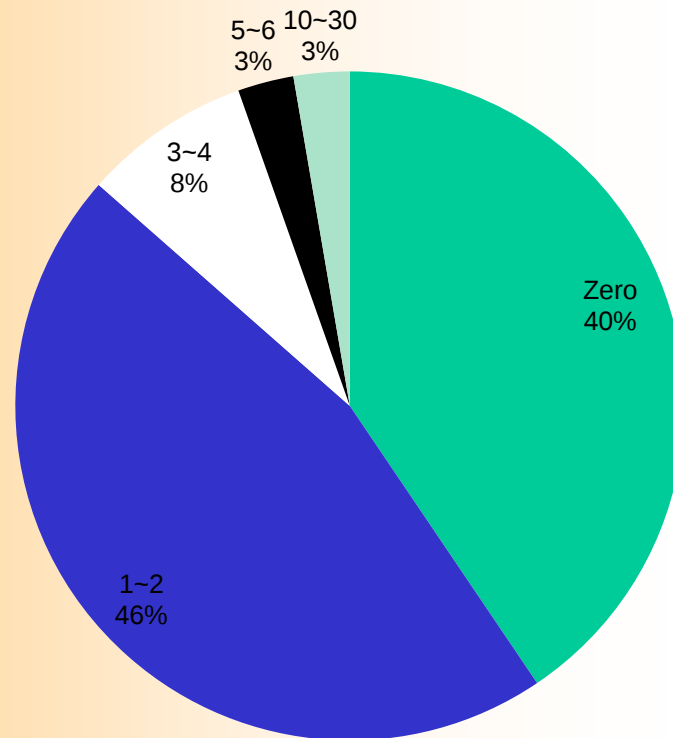
CAB accreditation – ISO TS 22003 (FSMS)



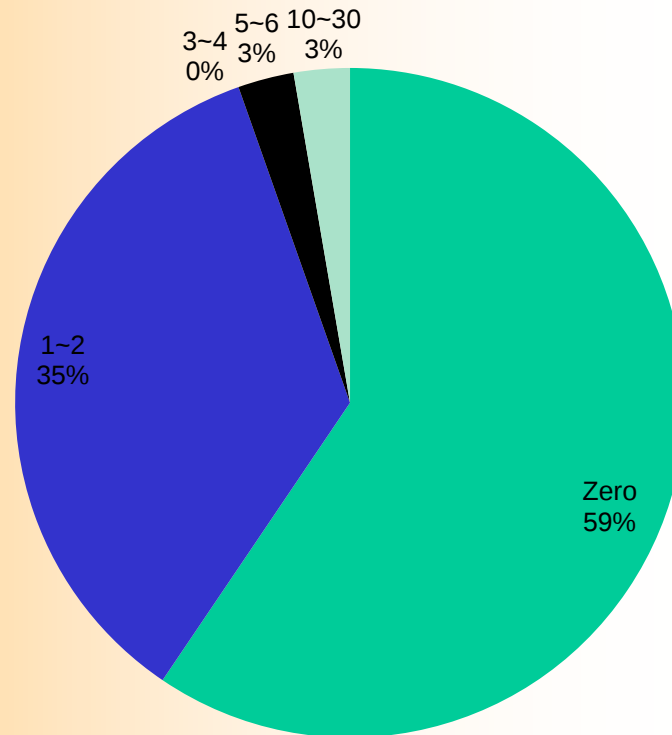
CAB accreditation – ISO/IEC 17024 (Persons)



CAB accreditation – ISO/IEC 17065 (Product)



CAB accreditation – ISO 14065 (GHG)



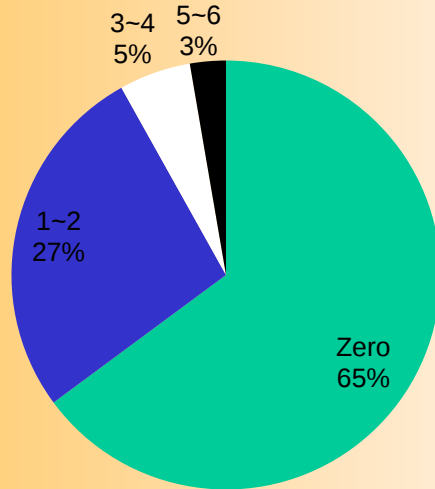
Training Needs Survey - Certification

Most needed trainings:

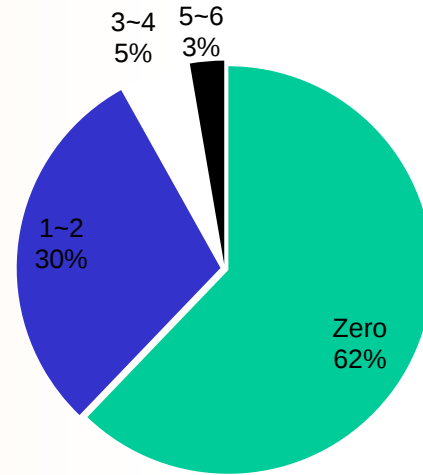
Training	1st	2nd	3rd	Subtotal	Remark
ISO/IEC 17021-1	11	7	2	20	ISO 45001 * 7 ISO 13485 * 3 EnMS * 3 ISO 9001 * 1 ISO 16949 * 1
ISO/IEC 27006 (ISMS)	2	2	0	4	
ISO TS 22003 (FSMS)	0	1	8	9	
ISO/IEC 17065	13	10	4	27	Processes * 4 Services * 4 GlobalGAP * 3 Halal * 2 Tangible products * 1
Certification schemes	3	6	7	16	Food * 3 Forestry * 1 ISO 14064 * 1

Certification – MS

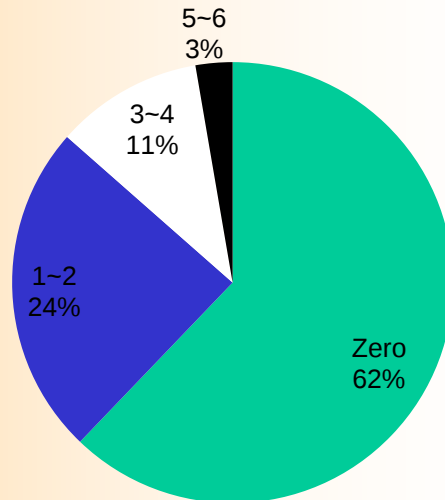
ISO/IEC 17021-1 - ISO 9001



ISO/IEC 17021-1 - ISO 14001

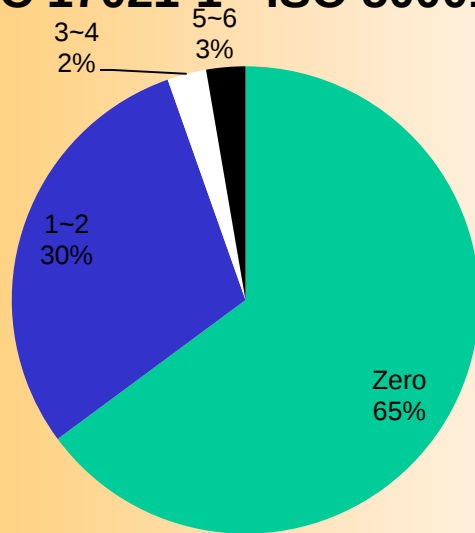


ISO/IEC 17021-1 - ISO 45001

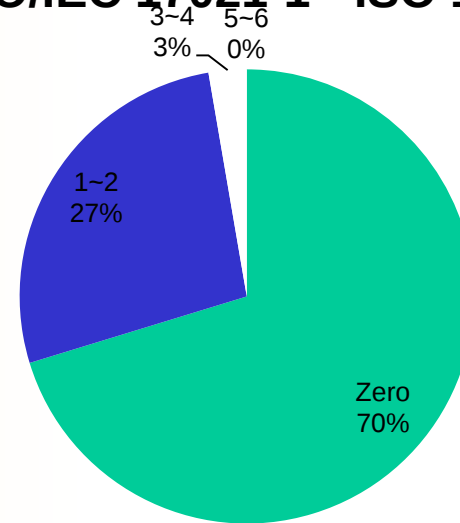


Certification – MS (Conti.)

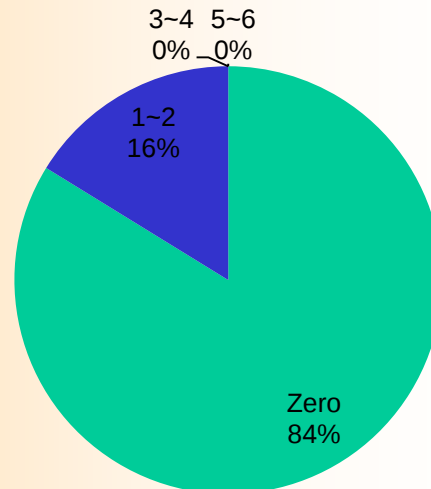
ISO/IEC 17021-1 - ISO 50001, 50003



ISO/IEC 17021-1 - ISO 13485

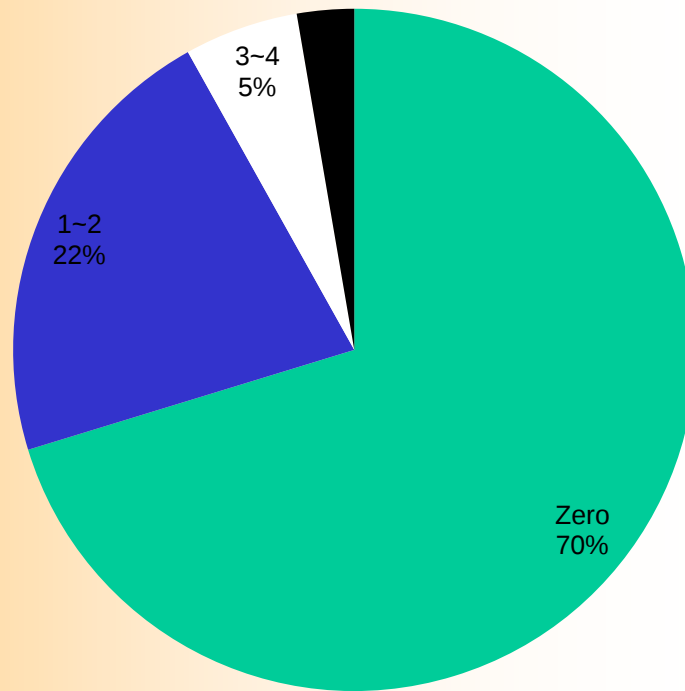


ISO/IEC 17021-1 - ISO 16949

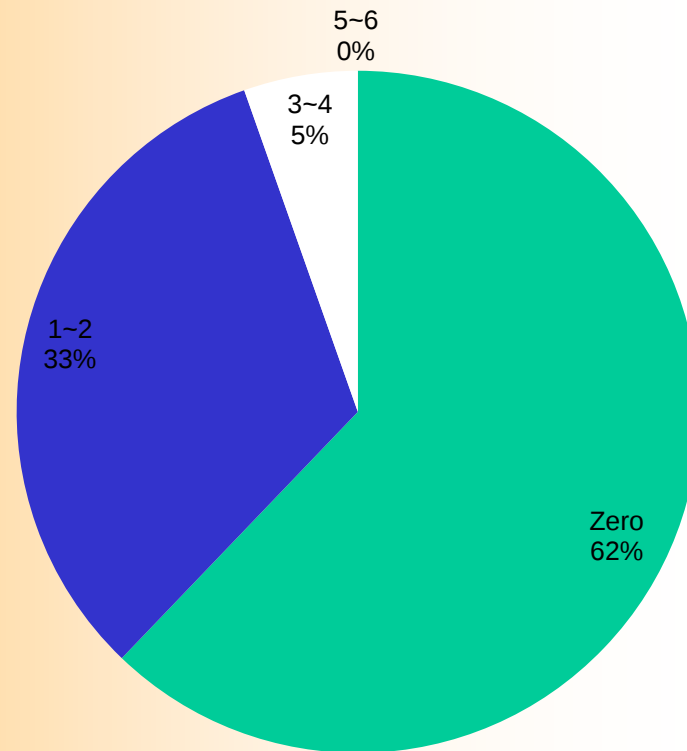


Number of participants

Certification – ISMS

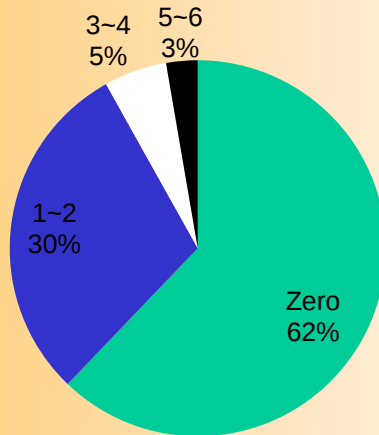


Certification – FSMS

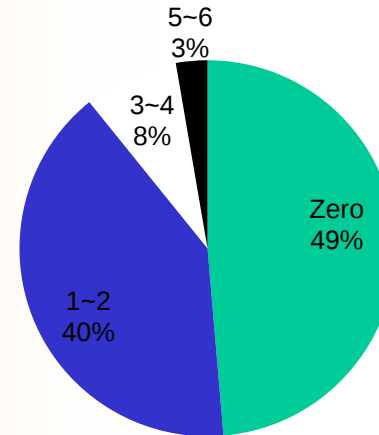


Certification – Product

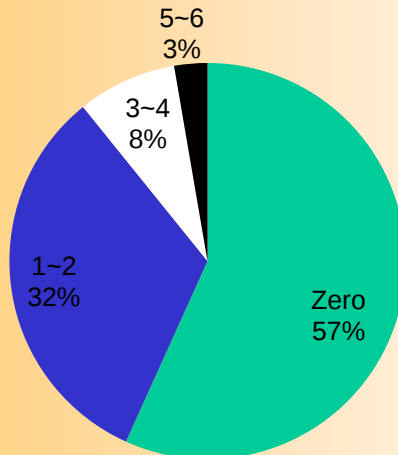
ISO/IEC 17065 - General



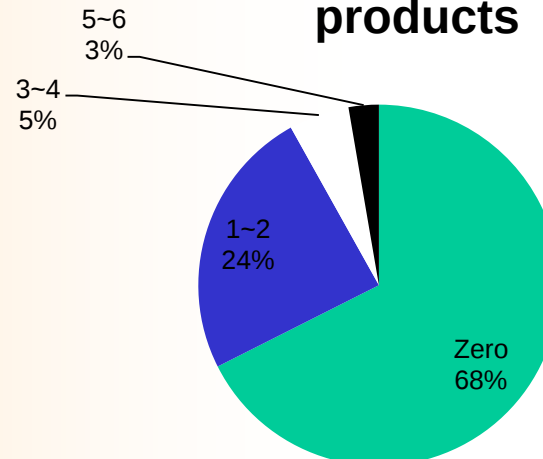
ISO/IEC 17065 - Processes



ISO/IEC 17065 - Services

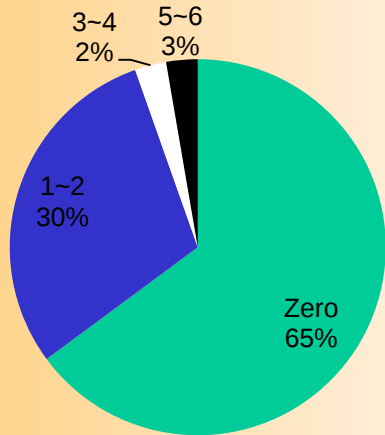


ISO/IEC 17065 - Tangible products

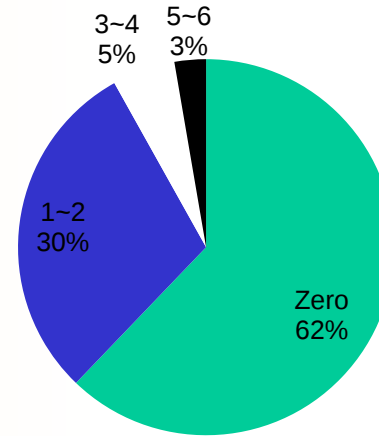


Certification – Product (Conti.)

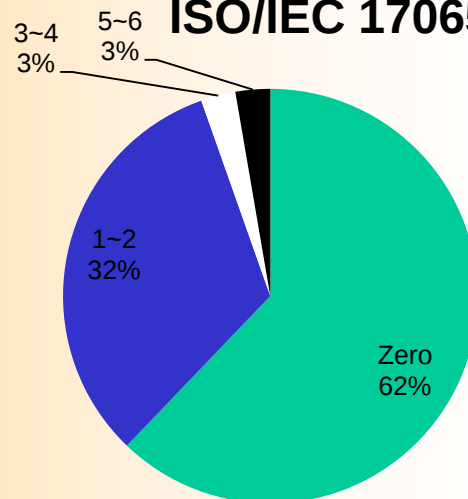
ISO/IEC 17065 - GlobalGAP



ISO/IEC 17065 - Organic

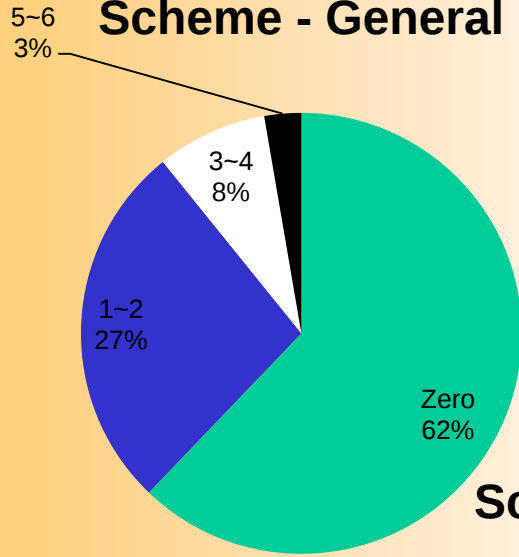


ISO/IEC 17065 - Halal

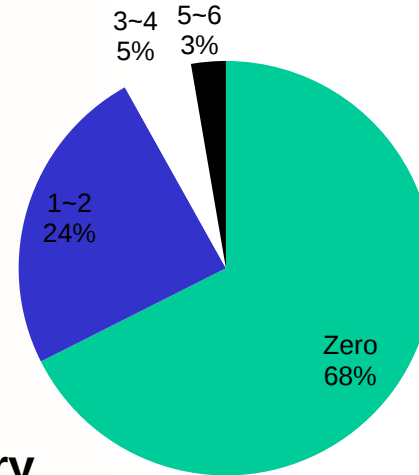


Certification – Scheme

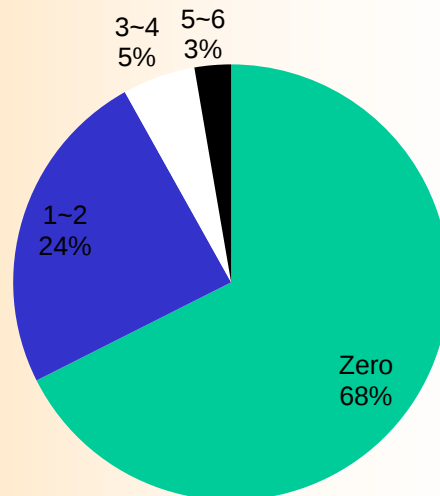
Scheme - General



Scheme - Food safety



Scheme - Forestry



Other training topics

No	Topic
1	How to develop the accreditation scheme or certification scheme.
2	How to practice the accreditation of the organic production certification.
3	Attachment-senior staff, accreditation body management, particularly in the interpretation of ISO/IEC 17011
4	Attachment-technical staff
5	Requirements w.r.t. legal identity
6	Requirements w.r.t. Liability and Financing
7	Test and calibration methods validation
8	APLAC Evaluator's Training
9	Auditing Skills of Assessors/Peer evaluators
10	Harmonization of Writing Reports
11	Development of documentation of new accreditation scheme/program

Other training topics (Conti.)

No	Topic
12	AB harmonization (clarification) on specific clauses (including controversial or complex actual case)
13	Pre-examination phase errors in Medical Laboratories.
14	Verification of laboratory information system in Medical Laboratory
15	IQC and PT outliers in Medical Laboratory
16	External Quality Assessment for medical labs
17	Uncertainty of Measurement for Medical Laboratories
18	Certification of Components
19	Remote Assessment
20	Minimum requirement in certification scheme under ISO/IEC 17065
21	Development of Certification Schemes under ISO 17024

Other training topics (Conti.)

No	Topic
21	ISO 28001
22	ISO 22301
23	ISO 37001 (2 votes)
24	Accreditation for GHG VVB
25	Carbon footprint
26	Water footprint
27	Understanding of ISO standards development
28	GLP
29	GMP
30	Risk management (ISO 31000) (2 votes)
31	Risk assessment, Life cycle assessment

Training venues

Venue	No. of Votes
US	10
Hong Kong	10
Singapore	7
Malaysia	6
Thailand	5
Australia	4
India	4
Asia	4
SAARC/ASEAN	4
Japan	2
Taiwan	2
Vietnam	2

Venue	No. of Votes
Canada	1
Dubai	1
Korea	1
Philippines	1
Sri Lanka	1
North Asia	1
South Asia	1
Other than ASEAN	1
With direct flight from US	1
Europe	1

Thank you