

Accreditation:

Facilitating the Elimination of Technical Barrier to Trade

- Experience of the Separate Customs Territory of
TAIWAN, PENGHU, KINMEN and MATSU**

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Summary

Establishing accreditation body

- Purpose
 - Avoid duplicated testing
 - Facilitate trade
 - Eliminate technical barrier to trade
 - Prepare to join WTO
- Establishment of CNLA in 1990
 - by MOEA with funding from government project
- Establishment of CNAB in 1997
 - Run by MOEA

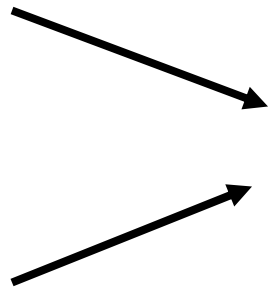
Historical background



Since 1990



Since 1997

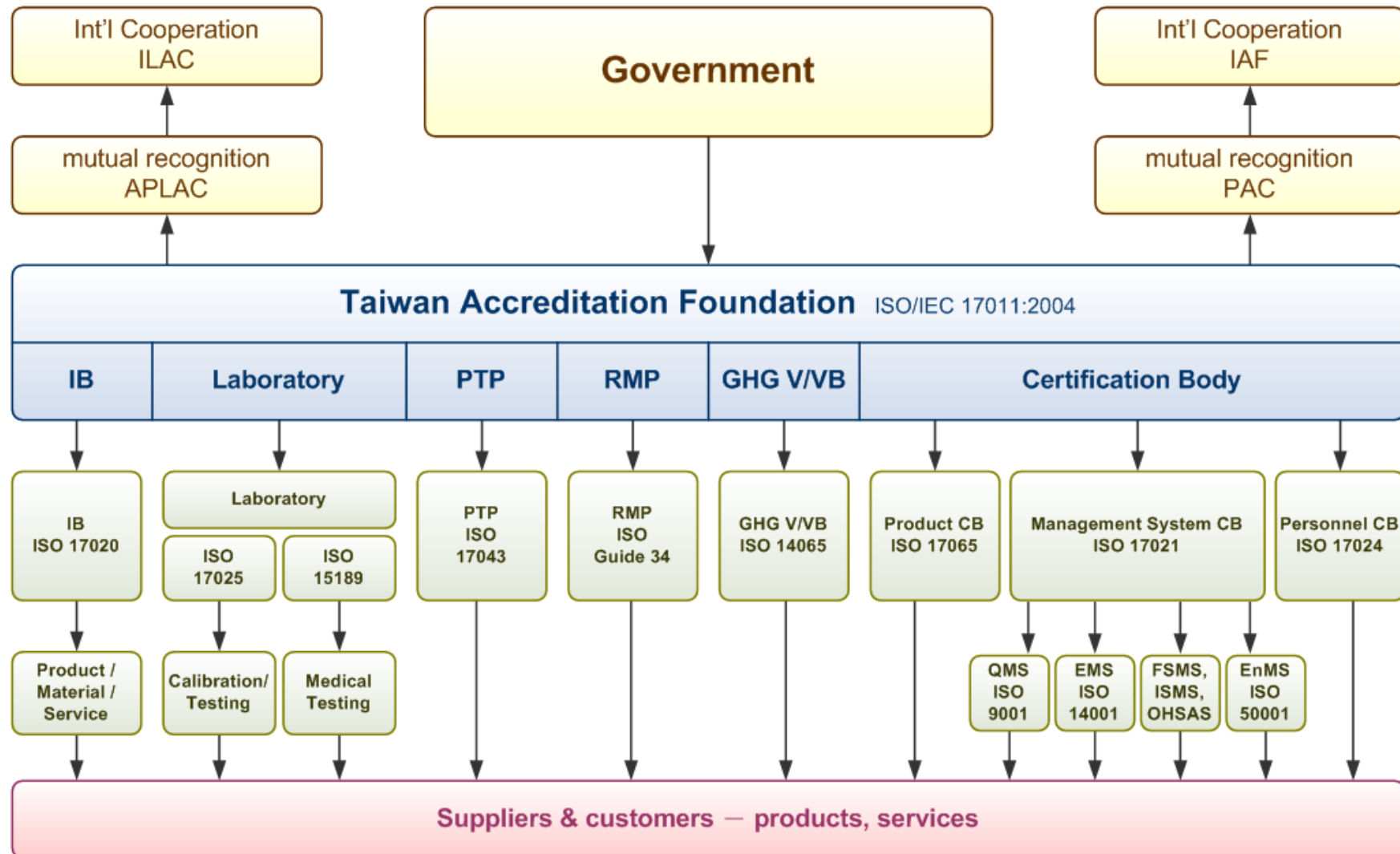


Since 2003

Not-for-profit organisation
Founded in September 2003



Conformity Assessment Structure



Distribution of TAF accredited organisations

Taiwan - north 924

Lab: 867
MS: 30
Product: 30
Personnel: 2
IB: 14
PTP: 7
RMP: 2
GHG: 10
OECD GLP: 6

Taiwan - Central 313

Lab: 305
MS: 2
Product: 6
IB: 3
GHG: 1
OECD GLP: 2

Taiwan - South 413

Lab: 406
Product: 6
IB: 5
PTP: 2
OECD GLP: 3

Kinmen 3

Lab: 3

Matsu 1

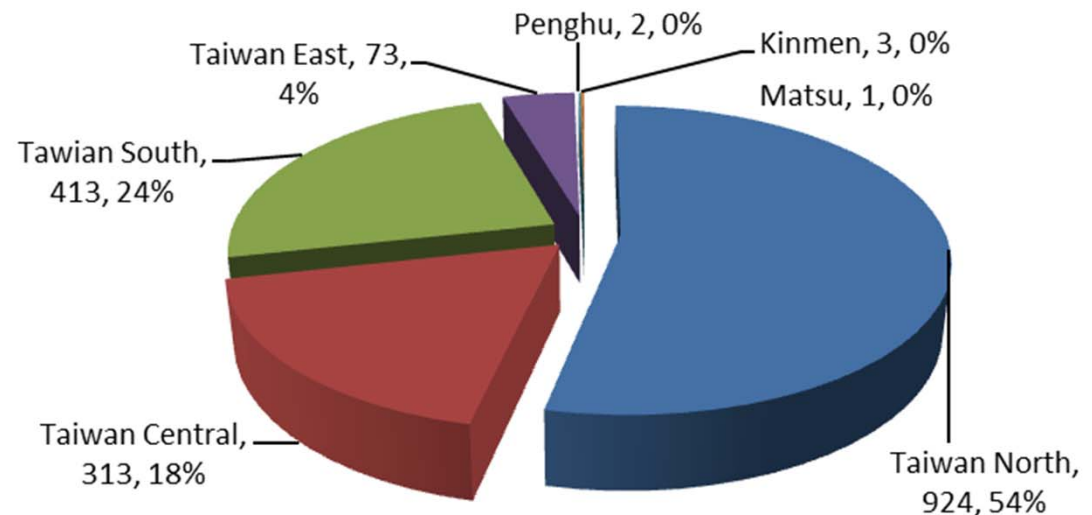
Lab: 1

Penghu 2

Lab: 2

Taiwan - East 73

Lab: 73



International vs. Regional

Signatory to
ILAC MRA

2000



Signatory to
IAF MLA

2002

Achieving "*Equivalence*"

Signatory to
APLAC MRA

1997



Asia Pacific Laboratory Accreditation Cooperation



Signatory to
PAC MLA

2002

Building "*Confidence*"



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Specific accreditation programs

- ISO/IEC 17025, 17020, 17065 + regulations
 - TAF Assessors
 - TAF Assessors + Regulatory Assessors
- Surveillance visit
 - Independent
 - Joint
- Feedback from Regulators

Domestic Regulatory Acceptance



BSMI



NCC



BOE



CWB



PCC



COA



CLA
CLA



NTA



CDC



AEC



EPA



Examples

Regulator	Scope / Product	No. of accredited conformity assessment body
BSMI	• Commodity type approval testing lab	102
	• Commodity registration certification body (CB)	45
	• Bilateral MRA designated testing lab	9
	• Bilateral MRA designated product CB	1
	• National Measurement Standard Laboratory	7
EPA	• Green Mark testing lab	13
	• GHG Validation/Verification body	11
NTA	Alcohol and tobacco testing lab	13
COA	Organic agriculture product / Traceable agricultural product CB	21

Examples (cont.)

Regulator	Scope / Product	No. of accredited CBA
CLA	Occupational health testing lab	12
PCC	<ul style="list-style-type: none"> Construction site testing lab Construction material testing lab 	7 175
NCC	<ul style="list-style-type: none"> Telecommunication equipment testing lab Telecommunication equipment product CB Information technology security testing lab 	41 8 4
BOE	Energy efficiency testing lab	37
CDC	Foreign laborer health examination medical testing lab	60
US EPA	Energy Star program testing lab	54

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Global / Regional FTA

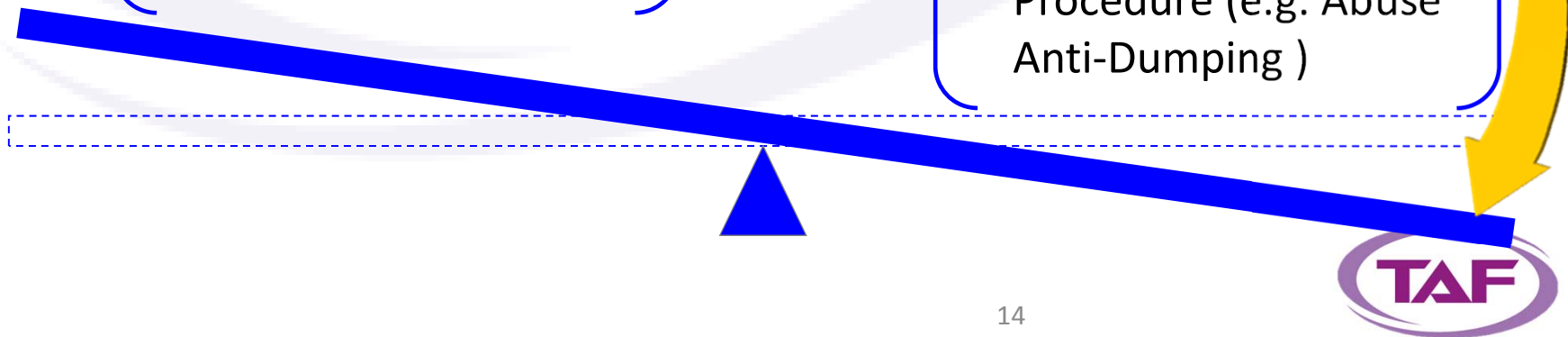
Benefits : Eliminates tariffs, import quotas, and preferences on most (if not all) goods and services traded.

Tariff

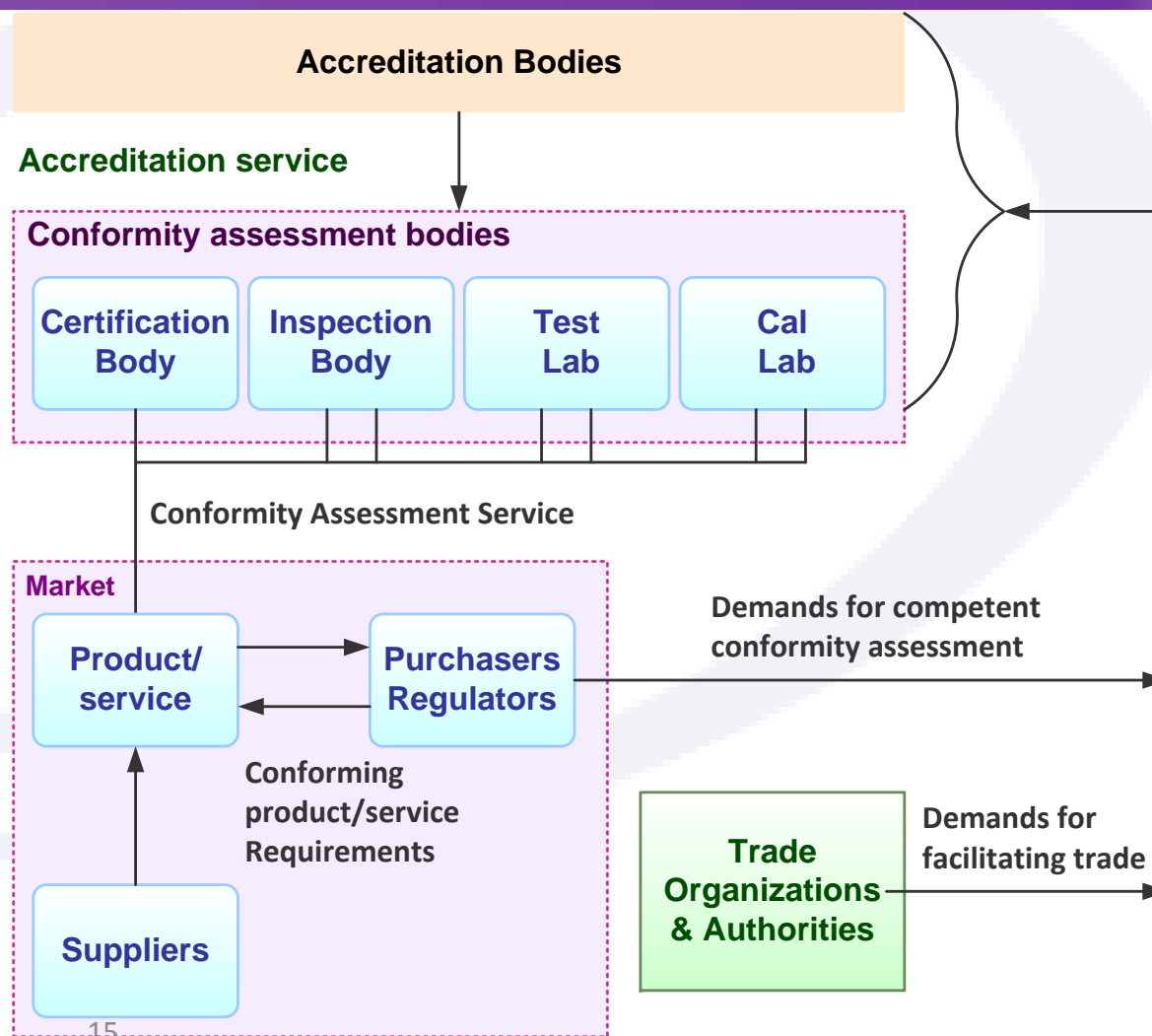
- Follow WTO Most-Favored Nations
- Follow Multilateral /Bilateral Agreement

Non-Tariff

- **Regulations and Conformity (technical barriers)**
- Protection of Intellectual Property
- In-convenience of Customs
- Trade Remedy Procedure (e.g. Abuse Anti-Dumping)



Roles of Accreditation service to support Trade Accreditation in Market



Accreditation in bilateral MRAs with relevant trading partners

- Australia
- New Zealand
- Japan
- Singapore

Accreditation in Regional MRAs – e.g. APEC TEL MRA

- ✓ Mutual recognition of testing laboratories as conformity assessment bodies and mutual acceptance of **test reports**

Phase I MRA

Phase II MRA

MRA-ETR

- ✓ MRA for **equivalence of technical requirements** for telecommunications equipment

- ✓ Mutual recognition of certification bodies as conformity assessment bodies and mutual acceptance of equipment **certifications**

Economies Participating in APEC TEL MRA

Economy	RA	DA	AB	Phase I	Phase II	Remark
Australia	ACMA	ACMA	NATA	CA, HK, SG, Chinese Taipei, USA		
Canada	Industry Canada	Industry Canada	SCC	AU, HK, Korea, SG, Chinese Taipei, USA	Chinese Taipei, HG, SG, USA	
Hong Kong China	OFCA	OFCA	HKAS	AU, CA, SG, Chinese Taipei and USA	Canada, United States	
Indonesia	MCIT	DG SDPPI	KAN	Singapore		With Singapore under ATRC MRA
Japan	MIC	MIC	N/A	USA	USA	Japan-USA bilateral CB recognition MRA
Korea	KCC	RRA	KOLAS	Canada, USA and Vietnam		under talk with USA and Canada for Phase II
Malaysia	MCMC	N/A	Standards Malaysia	Singapore		With Singapore under ATRC MRA
Singapore	iDA	iDA	SAC	AU, CA, HK, Indonesia, Malaysia*, Chinese Taipei, USA	Canada, USA	With Indonesia and Malaysia under ATRC MRA
Chinese Taipei	NCC, BSMI	NCC, BSMI	TAF	AU, CA, HK, SG, USA	Canada	
United States	FCC	NIST	A2LA, NVLAP, ANSI	AU, CA, HG, JP*, Korea, SG, Chinese Taipei, Vietnam	Canada, Hong Kong, Singapore, Japan*	Japan-USA bilateral CB recognition MRA
Vietnam	MIC	MIC	BoA	Korea, USA		

Acceptance by Foreign Professional Bodies



GLOBALG.A.P.



Foreign Regulator / International Organisation

Bluetooth SIG. Co.

CTIA

TCO

ILAC-IEC MoU

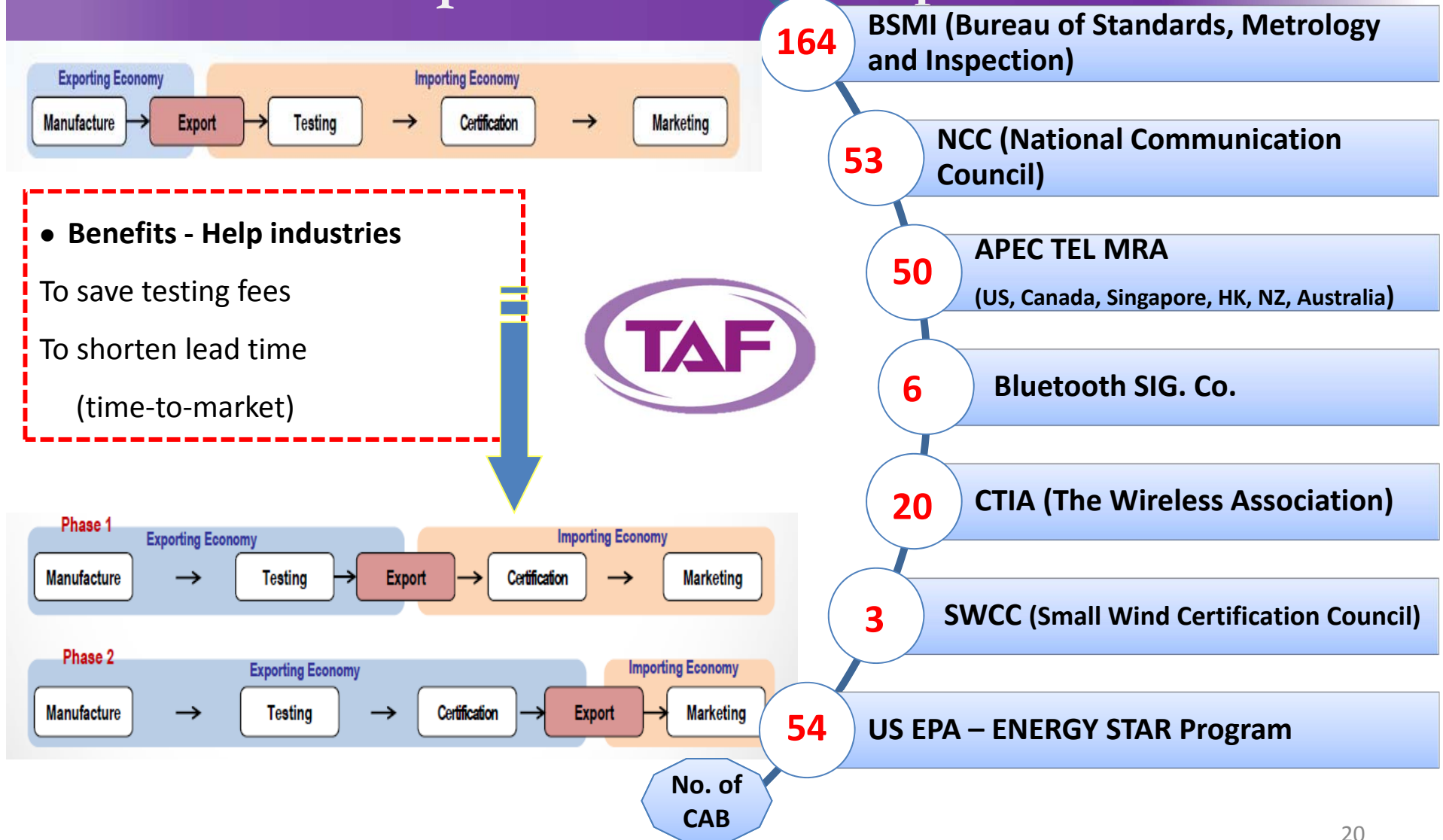
GLOBALGAP

SWCC

US EPA ENERGY STAR

US CPSC

Taking Electronics, Electrical and Telecom products as examples





Partner Resources

Manufacturers

Retailers

New Home Industry

Utilities/EEPS

Residential &
Commercial Products
Programs

Service & Product
Providers

Buildings & Plants

Small Businesses

Congregations

For Contractors

For Federal Agencies

Join ENERGY STAR

[Home](#) > [Partner Resources](#) > [Third-Party Certification](#) > EPA Recognized Certification Bodies (CBs) and Laboratories List Results

EPA Recognized Certification Bodies (CBs) and Laboratories List Results

NOTES:

1. Only accredited laboratories are listed on this page. Laboratories that are EPA-recognized through enrolling in a Certification Body's WMTL or SMTL program are not listed here.
2. EPA encourages manufacturers to contact laboratories directly to ensure they have the capability and availability to test the particular products for which certification is sought, as some product types may require special testing equipment or capabilities. Manufacturers must also confirm with an EPA-recognized certification body (CB) that the laboratory is acceptable under the CB's program for that product type.
3. Windows, Doors, and Skylights partners are advised to contact the National Fenestration Rating Council (www.nfrc.org [EXIT ↗](#)) for a complete list of EPA-recognized laboratories for these products.
4. [Lighting \(CFLs, ILLs, Luminaires, and Decorative Light Strings\) Labs and CBs](#) are listed separately.
5. Please note, EPA recognizes the Association of Home Appliance Manufacturers (AHAM) only for administering verification testing.

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Organization ID	Organization Name ▼	Type of Recognized Body	If Lab is it 1st Party?	Programs	Organization Address	City	State	Country
1121550	Allion Labs, Inc. EXIT ↗	Accredited Laboratory	N	Computers, Displays, Televisions	9F, No. 3-1, Yuan Ku Street	Taipei		TW
1119123	AnTek Certification Inc.	Accredited	N	Computers, Displays	7F no 351	Tainai		TW





UNITED STATES
CONSUMER PRODUCT SAFETY COMMISSION

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List of CPSC-Accepted Testing Laboratories

Section 14(a)(3)(E) of the Consumer Product Safety Act, as amended, requires the Commission to 'maintain on its Internet website an up-to-date list of entities that have been accredited to assess conformity with children's product safety rules.'

Third party testing is required to support a certification of compliance to the rules (shown at the bottom of the page) for children's products that are manufactured after the effective dates listed with each rule. The laboratories in this list have been accepted as accredited to test products to one or more of these children's product safety rules, as identified in the accreditation scope for each laboratory. A manufacturer of a children's product that must comply with one or more of these rules must support its certification of compliance with test results from one of these laboratories.

A. E. Kirby Memorial Health Center (United States, PA)
A.N.C.I. Servizi S.r.l. Section C.I.M.A.C. Centro Italiano Materiali di Applicazione Calzaturiera (Italy, CA)
ACT lab (United States, CA)
ACT Lab Taicang (China, Suzhou)
AIJU (Asociación de Investigación de la Industria del Juguete, Conexa y Afines) (Spain, Alicante)
ALS - Columbia Analytical Services (United States, FL)
ALS Laboratory Group (United States, UT)
AM Testing & Services, Inc. (United States, IL)
Amerisci Los Angeles (United States, CA)
Amlab Services Pte Ltd (Singapore, Singapore)
Analytical Division, Benchmark Laboratories LLC (United States, New Jersey)
Analytical Environmental Services International Inc. (United States, Puerto Rico)

Submit

Highlighting any laboratory and then clicking **Submit** will display contact, rules, and other information for that laboratory.

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Development of Accreditation Frame

Corresponding to Trade and Geography characteristics,

Accreditation frame shall meet

- Export oriented → MRA is very important
- Industries types → LAB/CB/IB of areas manufacturers most need
- Regulators → Cooperation with government

TAF aims to provide an efficient and reliable accreditation to meet customer expectations



The Ultimate Goal of MRA/MLA

Accredited Once
Accepted Everywhere

Thank for your attention!

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