



Seminar on the Safety of Navigation

Kuala Lumpur, Malaysia, February 2020

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Deputy Secretary General & Dean of WWA



The World-Wide Academy



The World-Wide Academy

Functions:

- Inaugurated January 2012
 - Independently funded
- 1. *Education and training*
 - 2. *Capacity building, and*
 - 3. *Research and development*



IALA Strategic 2014-2026 Goals for *“Successful voyages, sustainable planet.”*



- G1 – Marine Aids to Navigation are harmonised through international cooperation and the provision of standards.
- **G2 - All coastal states have contributed to an efficient global network of Marine Aids to Navigation through capacity building and the sharing of expertise.**



Main Activities



Education and Training

- Model Courses – promote and develop together with IALA Committees
- Training Accreditation scheme – oversee and ensure training quality
- Accredited Training Organisations – support through MoU's
- Training on specific topics, such as Risk, e-Nav, Train the Trainer etc.
- Distance Learning – L1 AtoN Manager

Capacity Building

- High Level Missions, raising awareness on International obligations
- Technical Needs Assessment Missions to developing Coastal States
- Long-term relationships and follow up activities



Research and Development

- Identify knowledge gaps and need for R&D
- Promote R&D within these gaps
- Harvest results and feed this into IALA Committees



Sustainable funding

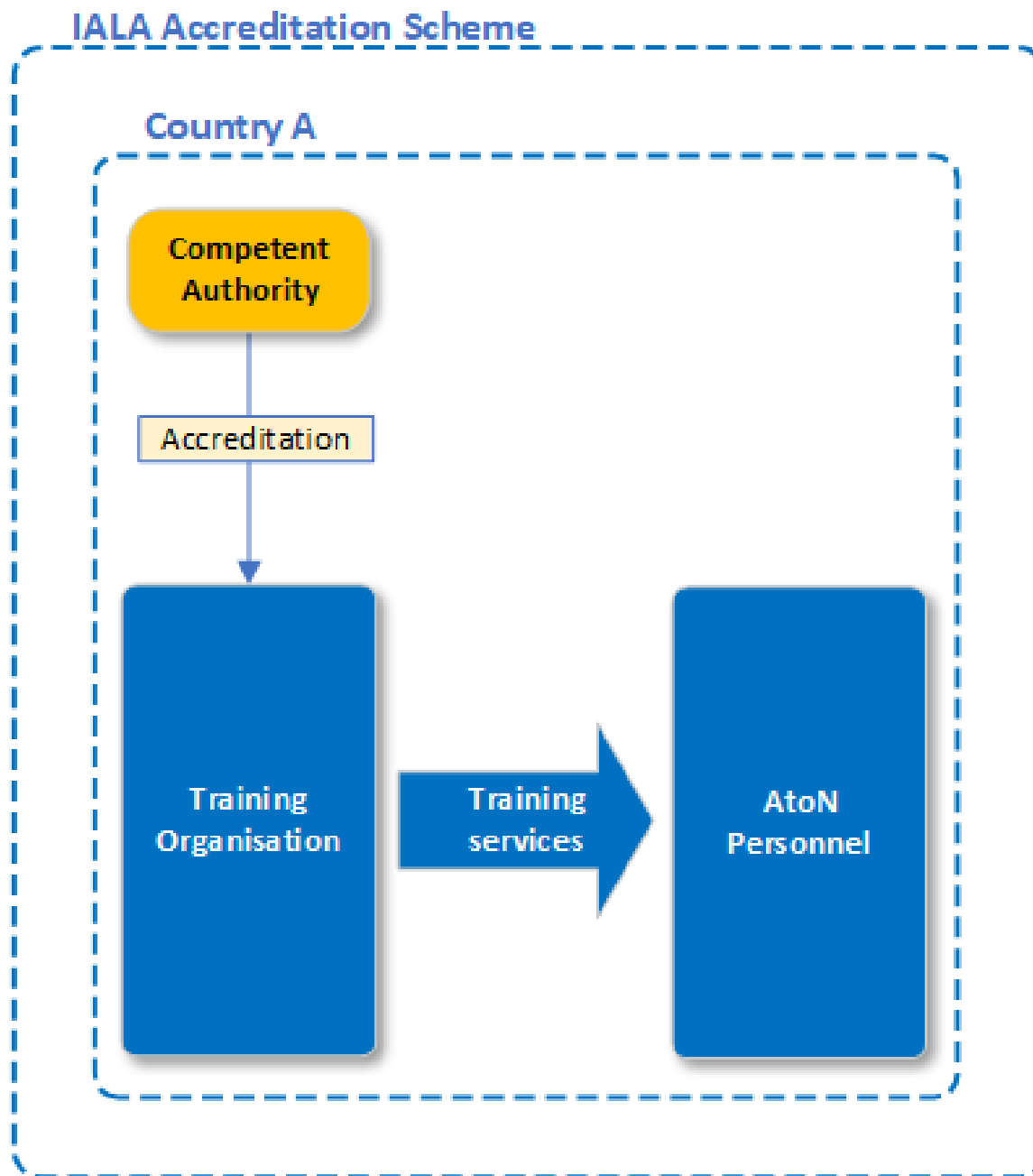
- Work with new and existing donors to ensure sustainability

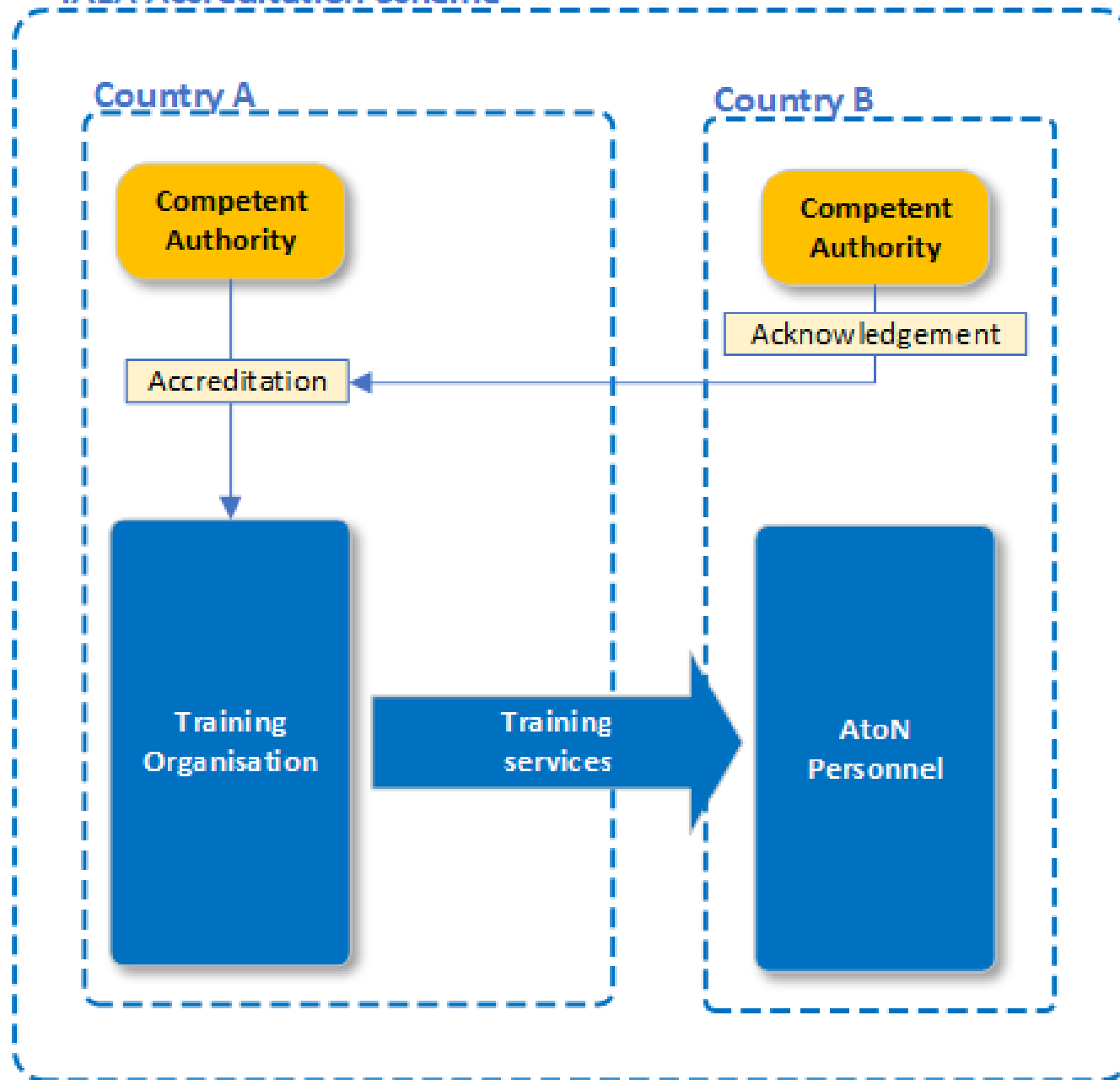




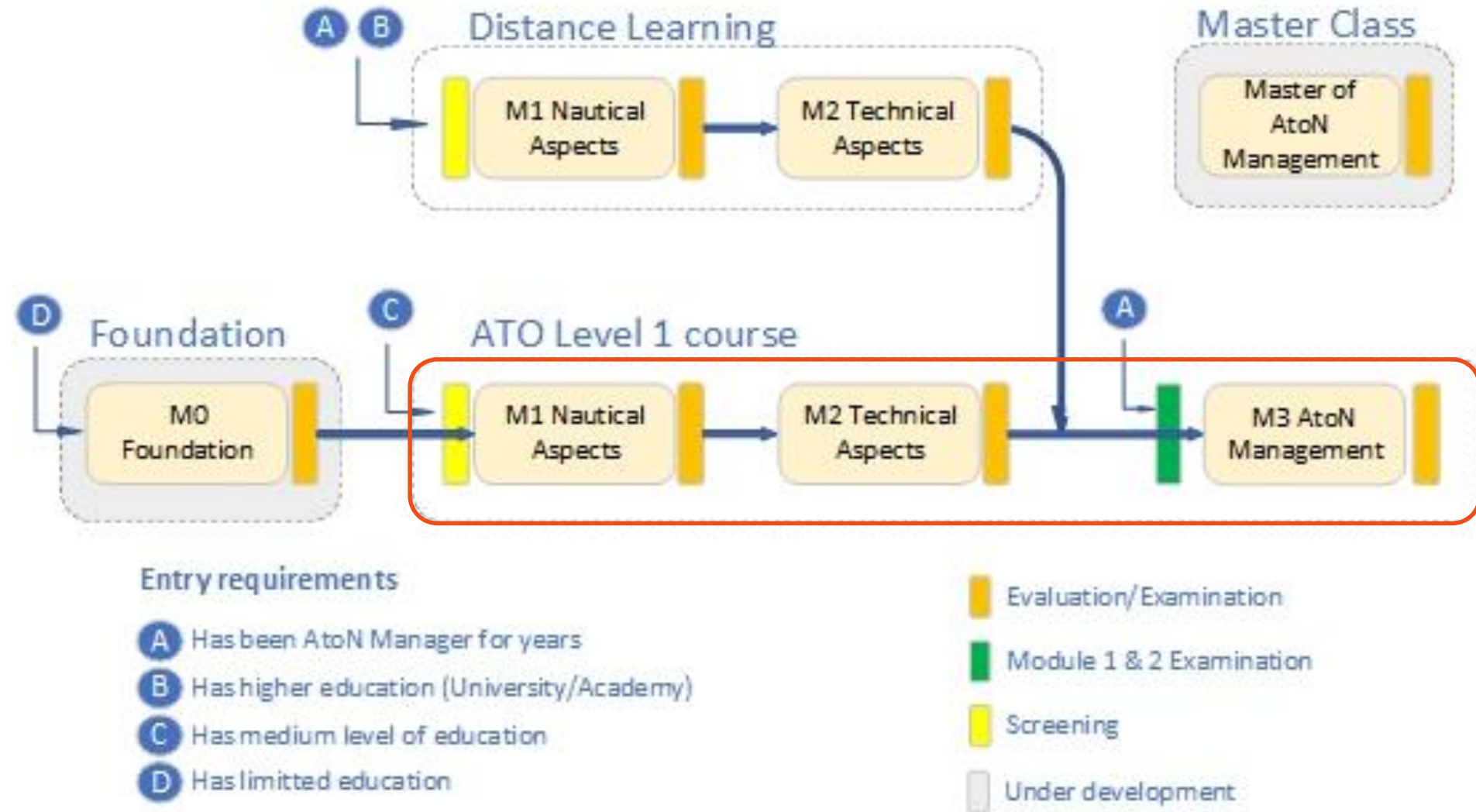
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Education & Training





Current Level 1 AtoN Manager Training Scheme



2018 (6)

- China
- France
- Morocco
- Malaysia
- India
- South Africa

- Distance Learning

2019 (9)

- China
- France
- Morocco
- Malaysia
- India
- South Africa
- Fiji
- Suriname
- UK THLS

L1 AtoN Manager



2020

- + Columbia
- + Brazil?
- + Georgia?
- + Arabic?
-

English French
Spanish Portuguese
Arabic



WWA MAKES LEAVES GROW ALL OVER THE WORLD

From small shoots big trees grow ...
The leaves illustrate the different stages
of development of ATOs delivering A
model courses.





International Level 1 Aids to Navigation Managers





Other Activities (2019/20)

- | | | |
|----|---------------------------|---|
| 1. | World Maritime University | AtoN Systems |
| 2. | Jimei University, China | AtoN Systems / Risk |
| 3. | AtoN MasterClass | China |
| 4. | Train the Trainer Course | Suriname, Singapore |
| 5. | Risk Management Course | Europe, Australia
South/central America
Indonesia |

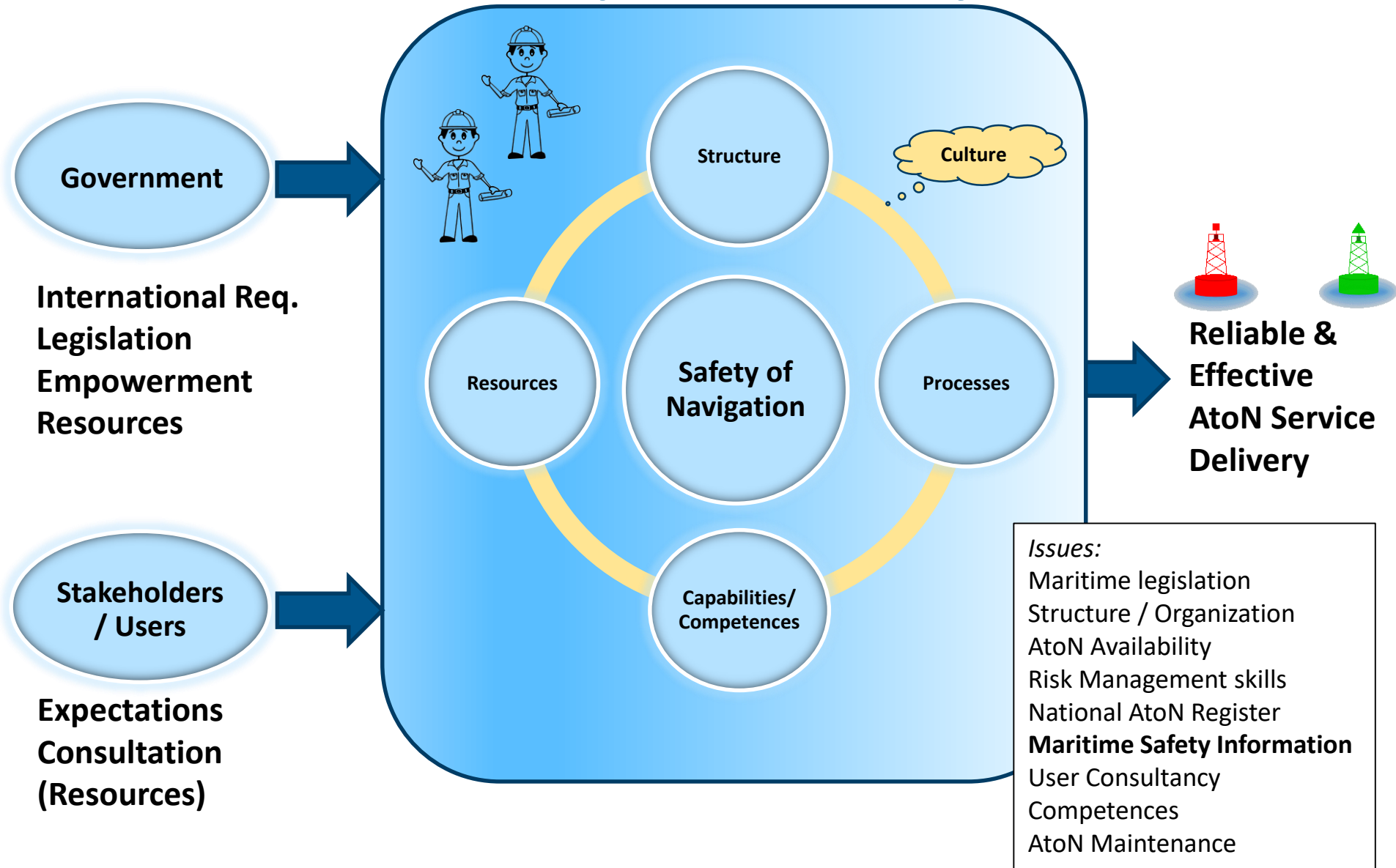


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Capacity Building



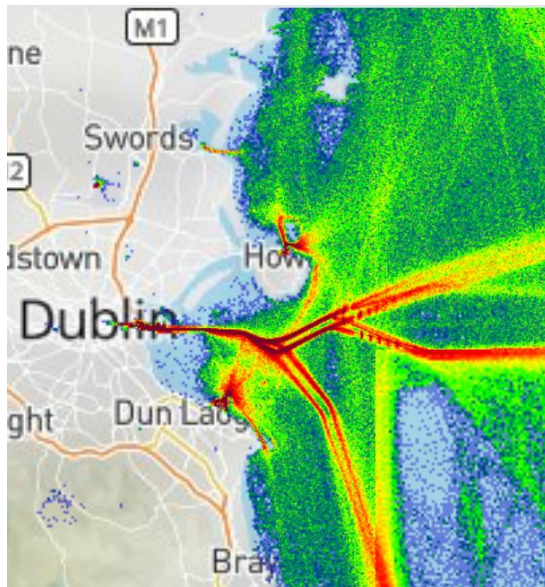
Competent Authority



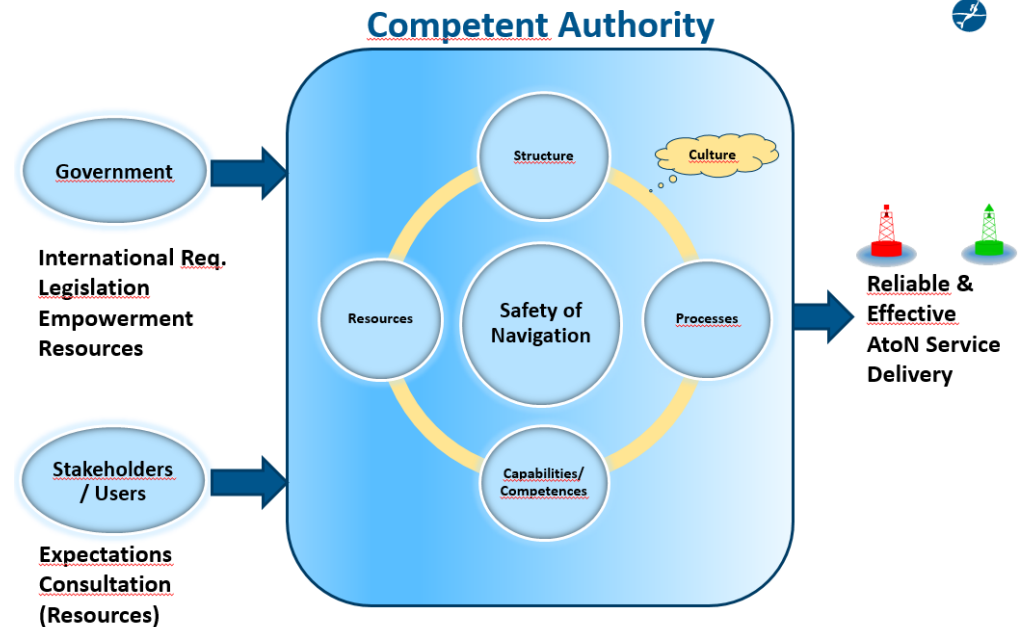


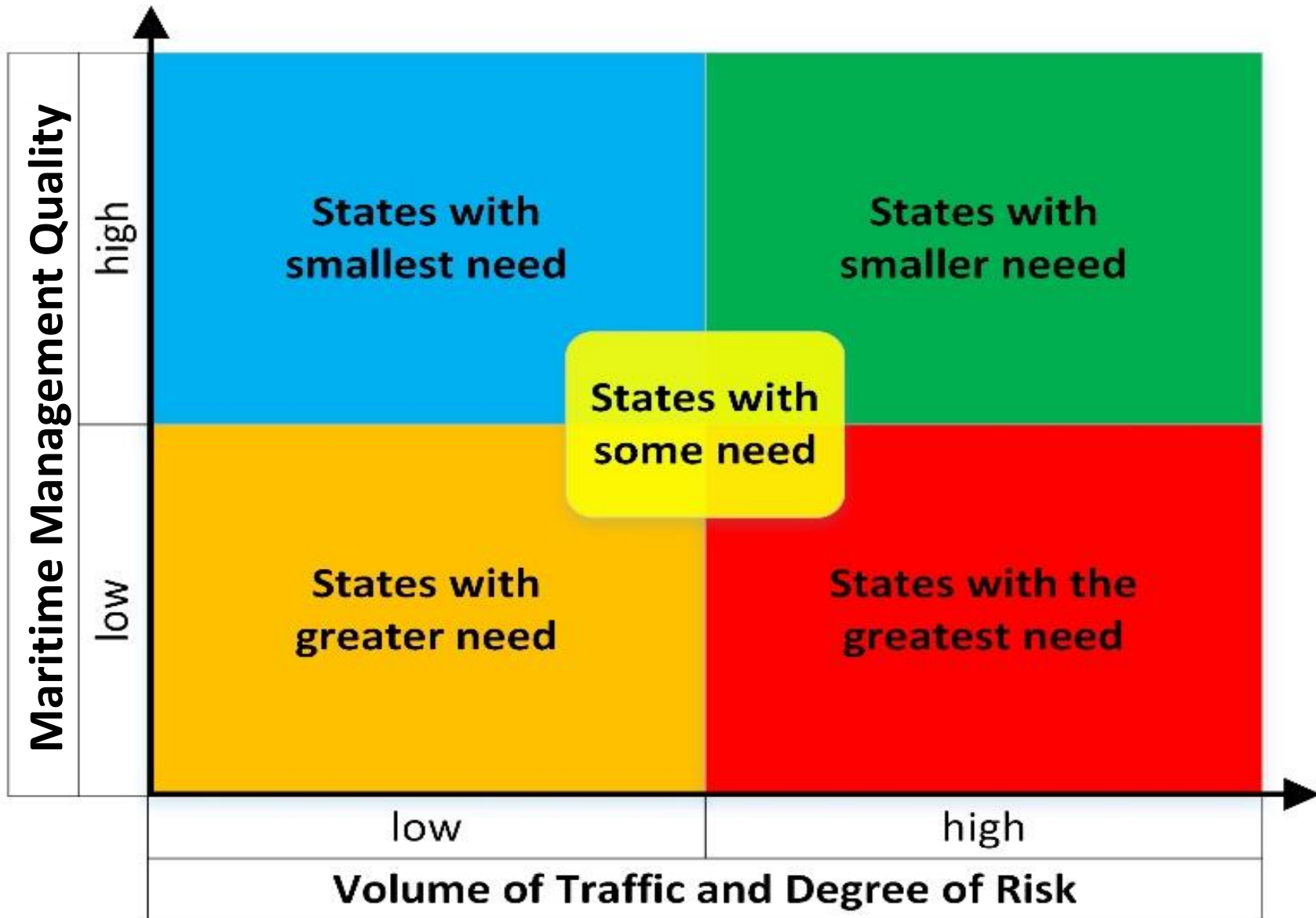
Coastal State Analysis

Volume of Traffic
and Degree of Risk



Maritime
Management
Quality







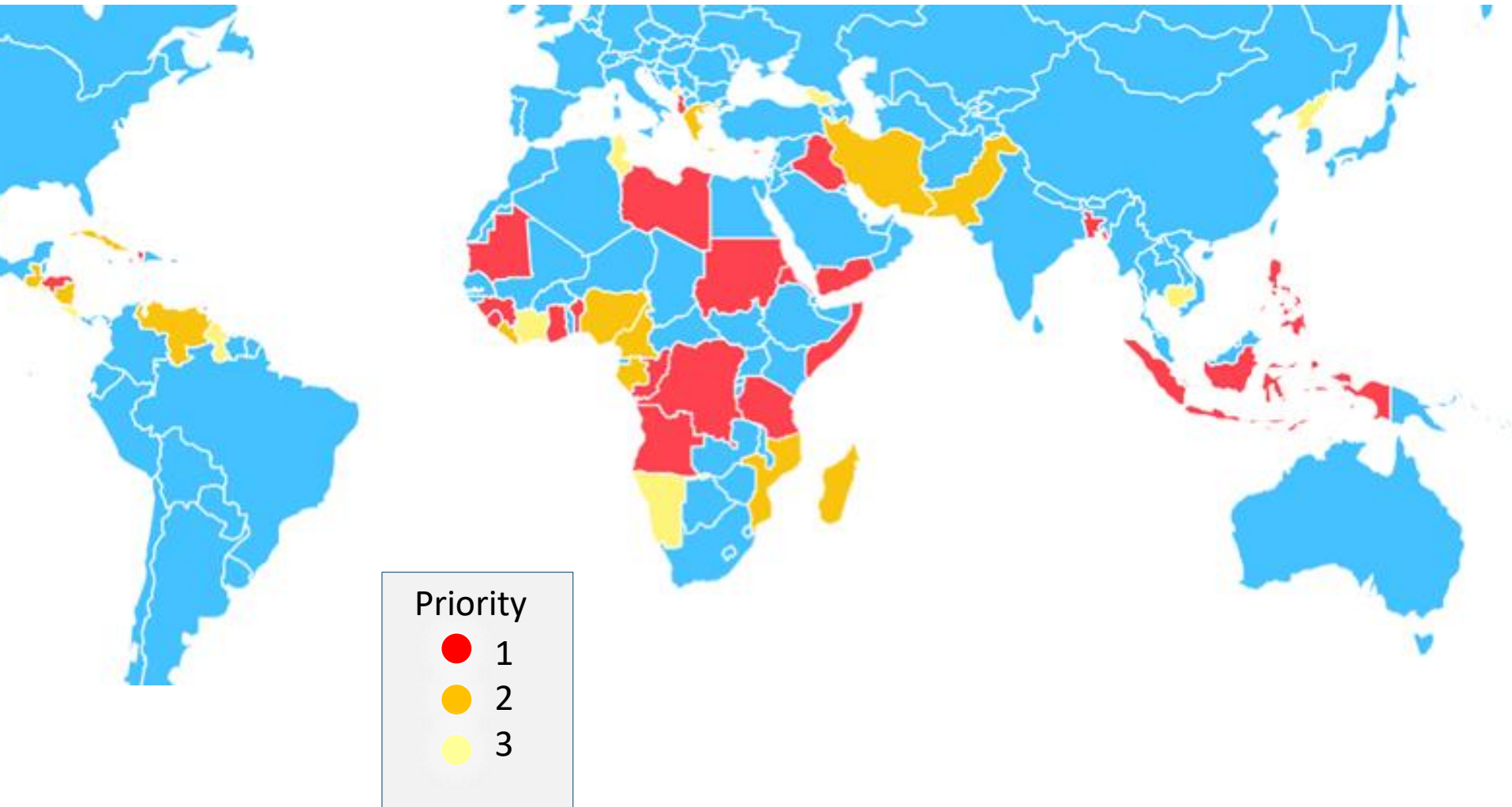
States in need (2018)

Priority 1-3 Reduced from 78 to 62

DEGREE OF NEED	AFRICA	EUROPE	ASIA	PACIFIC	AMERICAS	TOTAL
Smallest need	1	12	8	1	6	28
Smaller need	1	8	2	3	5	19
Lesser need	8	8	10	8	9	43
Some need (priority 3)	6	1	3	1	4	15
Greater need (priority 2)	8	1	2	3	7	21
Greatest need (priority 1)	14	2	7	0	3	26



Those in need (still)



Technical Needs Assessment Missions Analysis



- 40+ Missions
- 1.600+ Recommendations







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Results, Objectives and Master Plan



Main Results

- **Education and Training**
 - 20+ Accredited AtoN Training Organisations
 - 29 Accredited VTS Training Organisations (11 new)
 - 300+ trained in the use of IALA Risk Management Toolbox
 - 300+ certified AtoN Managers
- **Capacity Building**
 - 7 High Level Visits and 22 Awareness Seminars
 - 100+ participating countries
 - 1000+ individuals
 - 40+ Technical Needs Assessment Missions
- **Research and Development**
 - Cooperation with Jimei University, China
- **Sustainable funding**
 - 3-5 year Agreements





Revised Objectives 2020-2024

Strategic Goals for the Academy corresponding to IALA Goals:

1. All coastal States can fulfil the obligations related to Marine Aids to Navigation placed upon them in SOLAS Chapter V; and
 2. All coastal States can claim conformance with the relevant IALA Standards.
-



Revised Master Plan 2020-2024

In order to achieve its goals, the Academy will continue to:

- Raise the awareness of high-level decision makers with respect to their international obligations;
- Provide a suite of relevant education and training opportunities for as many as possible; and
- Engage in long-term capacity building activities and provide advice on how to overcome challenges.

In support of the United Nations “**Delivering as One**” approach, the Academy endeavours to cooperate with and coordinate its activities with other international organisations to ensure the integrated and efficient provision of capacity building activities underpinning the United Nations Sustainable Development Goals.



Safety of Navigation Seminar

Objectives



IALA Strategic Vision and Goals for 2026

Goal 1

Marine Aids to Navigation are developed and harmonized through international cooperation and the provision of standards.

Goal 2

All coastal states have contributed to a sustainable and efficient global network of Marine Aids to Navigation through capacity building and the sharing of expertise.





The Seven Standards:



S1010
ATON PLANNING
AND SERVICE
REQUIREMENT



S1020
ATON DESIGN
AND DELIVERY



S1030
RADIONAVIGATION
SERVICES



S1040
VESSEL TRAFFIC
SERVICES



S1050
TRAINING AND
CERTIFICATION



S1060
DIGITAL
COMMUNICATION
TECHNOLOGIES



S1070
INFORMATION
SERVICES

**Rationale
and
need**



Seminar Objectives

After this seminar you should be able to:

1. Differentiate between Normative and Informative provisions within IALA Standards,
2. Describe the necessary governance framework required for the effective implementation of IALA Standards,
3. Identify the relationship between the IALA Standards and the associated Recommendations, Guidelines and Model Courses,
4. Understand how to claim compliance with IALA Standards.



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