

CODEVMET Project



12th MEETING OF THE METEOROLOGICAL SUB-GROUP (MET/SG/12)

*Dakar, Senegal, 1 – 5 Novembre
2014*

Okossi, Akoa Benoit

ICAO Regional Officer, Aeronautical
Meteorology

WACAF Office



OVERVIEW

- 1. Objectives of the Project**
- 2. Member States**
- 3. Project Implementation Phases**
- 4. Outcome of the Project Implementation**
- 5. Project Developments**
- 6. Recommendation**

1. OBJECTIVES

1. States' regulatory authority in carrying out safety oversight of MET services (CAA):

- To enhance the capability of the CAA to perform safety oversight of MET services through:
 - a) **The development of**
 - ✓ Generic MET Regulations/Rules
 - ✓ Generic MET Procedures Manual
 - ✓ Inspector Manual on QMS/MET, etc..
 - b) **Training of**
 - ✓ National/regional MET inspectors
 - ✓ Inspectors on QMS/MET
 - ✓ OJT
- *Cores Services*

2. MET Service Providers:

- To establish a system aimed at enabling MET Service Providers achieve compliance with international aviation safety standards for the provision of timely, reliable and accurate MET information to aviation users in an efficient manner through:
 - a) **The Training of**
 - ✓ Of MET operational personnel ;
 - ✓ Of Personnel for MET maintenance;
 - ✓ On implementation on QMS/MET
 - b) **The provision and maintenance of MET operational systems, equipment and facilities.**
- *On request Services*

2. Member States

12 Member States:

1. Cape Verde,
2. Gambia,
3. Guinea
4. Guinea Bissau
5. Liberia
6. Nigeria
7. Sierra Leone
8. DRC
9. Sao Tomé & Príncipe

8/2009 – Phase I

10. Cameroon 08/2010,
11. Senegal 05/2013,
12. Ghana 09/2013.

Phase II

5 Participating Member States:

Cape Verde,
Gambia,
Nigeria,
Ghana,
Senegal.

3. IMPLEMENTATION PHASES

Phase I: CODEVMET-WACAF

Mission of a Field Expert in 9 Member States :

- ✓ Inventory of MET facilities and services;
- ✓ Gap Analysis;
- ✓ Setting of guidelines for planning and implementation of MET facilities/services in each state.

Founded by IFFAS (ICAO -US \$ 85,498).

Phase II: CODEVMET-WACAF-PP

- ✓ Establishment of Project HQ in Banjul,
- ✓ Establishment of the Steering Committee - Nigeria elected Chairperson

- ✓ Recruitment **of Project Field Expert,**

Founded by 5 States (45.500\$/State)

- **Implementation of *Core Services in 5 participating States.***

4. OUTCOMES

☐ Phase I

- ✓ MET deficiencies identified
- ✓ Inventories of MET requirements established in each of the 9 states
- ✓ Proposed guidelines to remove deficiencies

☐ Phase II – *Core Services*

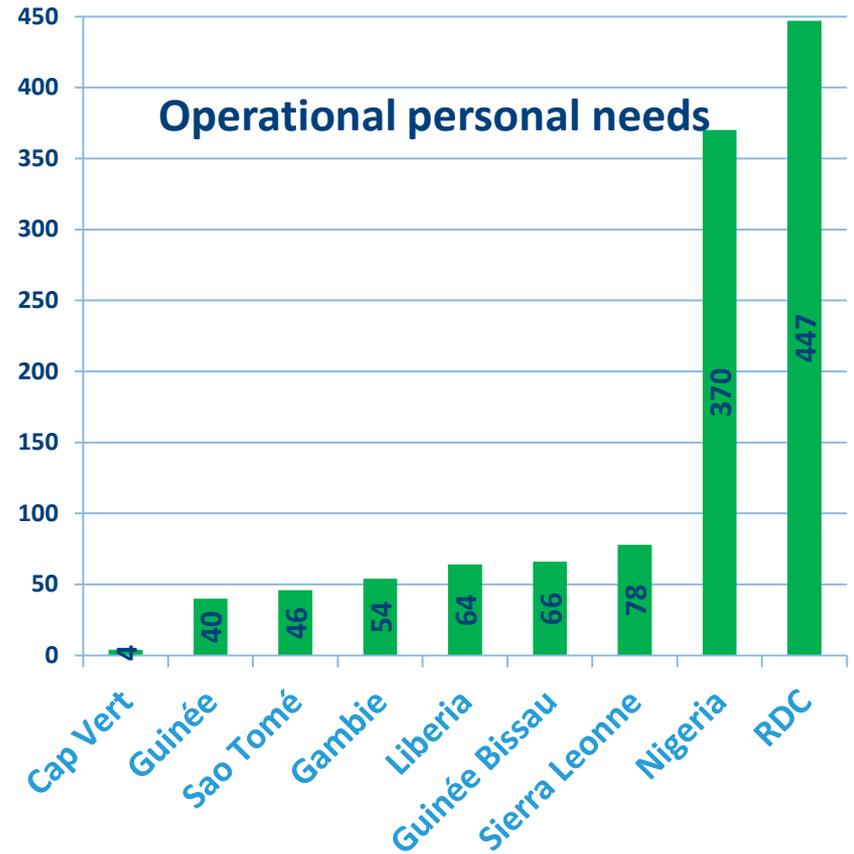
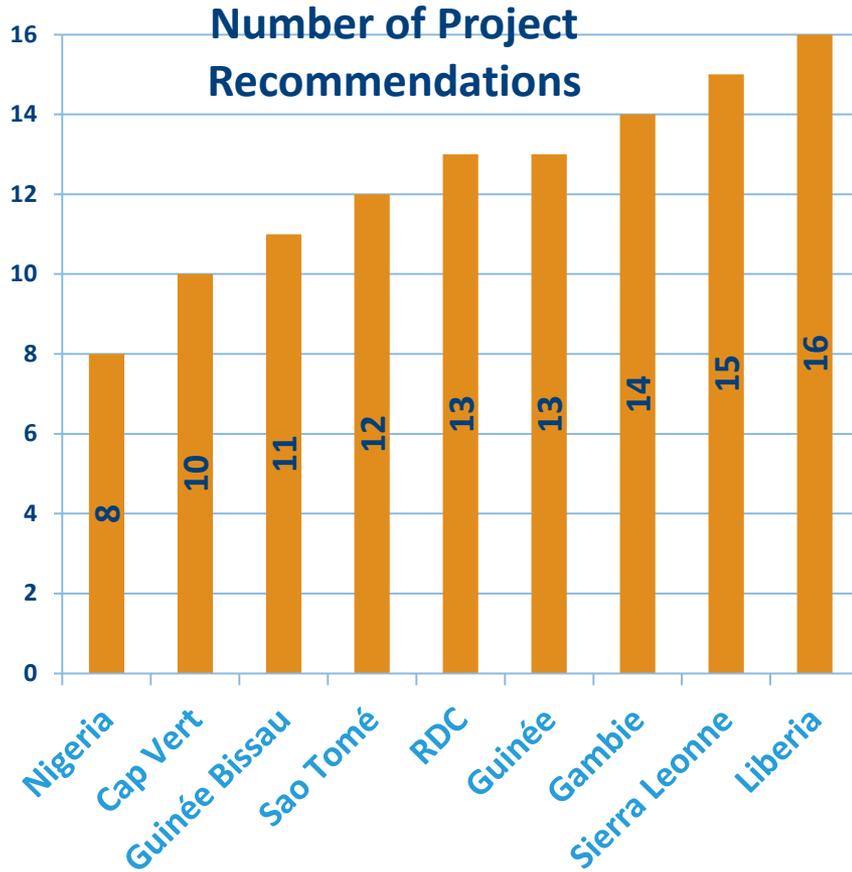
**Development and provision to 5 States of:
harmonized regulations on safety oversight of MET
services;**

- ✓ MET Inspector Manual;
- ✓ Checklists for audit/surveillance of MET services;
- ✓ Guidelines on a harmonized establishment and implementation of QMS for ME; and

**Development and conduct of two training courses in each
of the five States on:**

- ✓ The basic training 1 of MET Inspectors;
- ✓ The basic training 2 of MET Inspectors.

Phase I



Phase II

RESULTATS	Cape Verde	Gambia	Nigeria	Ghana	Senegal
Template of MET related regulations developed and distributed	1	1	1	1	1
Template of MET Inspector Handbook developed and distributed	1	1	1	1	1
Manual of Standards for MET developed and distributed	1	1	1	1	1
Guide on QMS/MET developed and distributed	1	1	1	1	1
Checklists for QMS/MET internal Audit developed and distributed	1	1	1	1	1
Basic Training course for national inspectors provided to 10 participants (25-28 March 2013)	2	3	2	1	2
Course on the Manual on QMS/MET (Doc-9873/OMM-1001) – number participants	2	3	2	1	2

5. PROJECT DEVELOPMENTS

CODEVMET-WACAF-PP becomes CODEVMET-AFI (Conclusion 17/104 APIRG/17 Meeting)

❑ Objectives reformulated:

- ✓ **Core Services extended** (added - training of operational MET personal and those of MET Providers for implementation of QMS)
- ✓ **Services on request: training for** maintenance, provision of MET systems, equipment and installations

➤ **Annual Contribution to the Programme**
less than 30,000\$/State/an

Contribution formula based on the number of participating States; for :

- **5 partici. States: 30,000 \$**
- **10 partici. States: 23,000 USD**
- **20 partici. States: 20,000 USD**
- **etc...**

CODEVMET-AFI Participating Members

a) will benefit from:

- ✓ free regulations, manuals and other documents developed during Phase II
- ✓ The updated regulatory documentation and manuals the training of:
 - national/regional MET inspectors
 - MET forecasters and observers
 - Quality managers and internal auditors for QMS/MET

➤ Annual Contribution : **less than 30,000\$/State/an**

b) can benefit, on request, from:

- ✓ The Provision of
 - MET operational Systems
 - MET operational equipment
 - MET facilities;
 - ✓ Training of technical personal for maintenance and calibration of MET systems/equipment
 - ✓ Any other MET operational requirements.
- **Specific additional contribution corresponding to the request**

6. RECOMMENDATION

- ❑ For the AFI CAA to enhance their capabilities in carrying out safety oversight of MET services in accordance with to Rec. 4/3 MET/14 and
- ❑ for the AFI MET services Provider to strengthen their ability in implementing MET systems,
- It is highly recommended to AFI States to contribute in the CODEVMET-AFI Program by applying for membership and participating in the activities of this Program.

LA VISION DE L'OACI

Merci de votre attention

Questions????!!!

