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World Health
Organization

AMR-MPTF MADAGASCAR

2023 ANNUAL REPORT

1. Background and rationale

In alignment with the WHO Global Action Plan, Madagascar developed in 2019 its National Action Plan to Combat Antimicrobial Resistance (AMR) with thirteen priority actions and several interventions. It is clear today that the level of implementation of the plan is quite low (22% - FAO PMP Evaluation, 2022) due to lack of funding.

The opportunity was then seized by the country in 2022 to request funding from the AMR-MPTF (Antimicrobial Resistance – Multi-Partner Trust Fund) which brings together international donors including Sweden, Germany, the Netherlands, the Fleming Fund and the Commission of the European Union, with the close collaboration of the Quadripartite (FAO, WHO, WOA and UNEP) coordinated by WHO and in consultation with national stakeholders in the fight against AMR.

The funding agreement was obtained in January 2023 for US\$ 999 411.00 (including lead agency's coordination budget of 60 000.00) for a period of 3 years and allocated to the 4 UN agencies as follows : WHO: US\$ 349 141 - WOA US\$ 290 215 - FAO US\$ 289 970 - UNEP US\$ 70 085.

This report is then related to the 2023 activities.

2. Progress of 2023 (first year of the Project)

- **March 20, 2023: Kick-off ceremony at Carlton Hotel in Antananarivo**

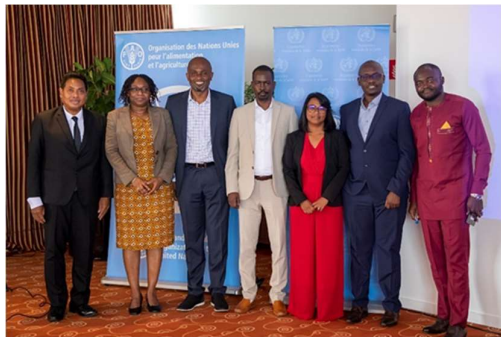
The event brought together 50 stakeholders on AMR including the CMC-RAM (Multisectoral Coordination Committee for the Fight against AMR) whose members come from the 5 key “One

Health” Ministries : Public Health, Environment & Sustainable Development, Water, Sanitation & Hygiene, Agriculture & Livestock, Fisheries and Blue Economy.



Officials were : Dr. Lethicia Lydia Yasmine, Secretary General of the Ministry of Public Health; Dr Laurent Musango, WHO Resident Representative, project lead; Dr Mohamed Sirdar, WHO Sub-Regional Delegate for Southern Africa; Mr Aloys Nizigiyimana, FAO Deputy Representative, and the online participation of Dr Malin Grape, Ambassador on Antimicrobial Resistance, Ministry of Health and Social Affairs, Government of Sweden,

representing donors.



Quadripartite missionaries included Walter Fuller (AMR/WHO-AFRO), Irène Ouoba (Regional Coordinator for Antimicrobial Resistance, FAO AMR Focal Point for Sub-Saharan Africa), Mark Obonyo (RAM Coordinator and One Health Focal Point, FAO Sub-Regional Office for Southern Africa) and Mohamed Sirdar (WHO Sub-Regional Representation for Southern Africa).

- **March 21, 22, 2023: Awareness Workshop on AMR in Antsirabe**

Organization of an awareness workshop to fight against AMR in Antsirabe at Hôtel des Thermes with the participation of Quadripartite missionaries, members of the CMC-RAM, the Director of Veterinary Services (DSV), the representative of the Directorate of Health Surveillance of Epidemiological Surveillance and Response (DVSSER), WHO, FAO, and forty stakeholders involved in the management of AMR in the sectors of public health, animal (aquatic and terrestrial), phytosanitary, environmental, agricultural production, food safety, the private sector at the level of the Vakinankaratra region. Visits to specific sites including the pharmacy unit of the Regional Reference Hospital Center of Vakinankaratra, a retail establishment of phytosanitary and veteran products, a private poultry breeding and dairy production center.

- **June 30, 2023 : Official Launch of the National Programme IPC**

Madagascar launched the WHO/AMR-MPTF supported National Programme of Infection Prevention and Control (IPC) with with a multisectoral approach. The document contains the Strategic plan, the

Operational plan and a M&E plan. The aim is to provide national guidelines to improve the safety of staff and patients in the field.

- **September 25, 2023 : KAP survey**

FAO conducted KAP surveys to better understand antimicrobial use in the priority sectors of poultry, dairy cows and market gardening. Activities included : Identification of students for the different themes (research protocol in progress) – Elaboration of Data Mask/Tablets + Kobo Tolbox (Data Collection). Field mission started September 25, 2023.

- **September 29, 2023 : Implementation of AMR and AMU surveillance**

FAO started the implementation of AMR and Antimicrobial Use Surveillance for the priority sectors of poultry, dairy cows and market gardening.

- **October 3-5, 2023 : Quadripartite Workshop on Leadership skills for implementing multisectoral national action plans on antimicrobial resistance – Ilo Hôtel Antananarivo.**

AMR-MPTF project was contributing to the Workshop on Leadership skills for implementing multisectoral national action plans on antimicrobial resistance in Antananarivo with target audience from countries : Comoros, Madagascar (MPTF awarded), Mauritius, Seychelles, comprising Key members of the national AMR multisectoral coordination and governance mechanism; Key State Actions and Focal persons; human health, animal health, plant health and environmental health sectors' of the relevant ministries, and from WHO Country Office; and Stakeholders from relevant partner agencies (FAO, WOAHA, WHO, UNEP) supporting the planning and implementation of AMR NAPs in the country.

- **October 9-13, 2023 : Monitoring and Evaluation Training for MPTF Country Project Team and AMR Multi-Stakeholder Coordination Committee - Development of M & E Framework for the MPTF Project**

AMR-MPTF project was contributing to the Monitoring and Evaluation Training for MPTF Country Project Team and AMR Multi-Stakeholder Coordination Committee along with the Development of M & E Framework for the MPTF Project that was held within the UN House on October 9th and at Hôtel Colbert from 10 to 13th October 2023. The targeted training participants was the MPTF country project team (FAO, UNEP, WHO, WOAHA) and the Ministries of Agriculture, Livestock, Fisheries, Health and Environment national staff.

- **November 22, 2023 : National Event on the AMR tackling : promulgation of Decree No. 2023/1356 on the implementation of the One Health platform in Madagascar.**

The decree relates to the creation, organization and operation of the National Platform "One Health" in Madagascar and defines the roles of the Steering Committee, the National Coordinating Committee and the Permanent Secretariat, and stakeholders. AMR is part of the technical work groups.

3. Success Story

No.1 - The Quadripartite Workshop on Leadership skills for implementing multisectoral national action plans on antimicrobial resistance – Ilo Hôtel Antananarivo (3-5 October 2023).

The Regional Quadripartite composed of FAO, WOA, WHO and UNEP supported the Island developing countries: Comoros, Mauritius, Seychelles and Madagascar as beneficiary countries of the AMR-MPTF fund, to strengthen the governance of the fight against Antimicrobial Resistance (AMR) and coordination, by strengthening the leadership skills through a workshop organized from 3rd to 5th October 2023 at Ilo Hotel, Antananarivo, Madagascar.



The 30 participants from the 4 countries are members of the national AMR multi-sectoral coordination and governance mechanism, focal points in the human, animal, plant and environmental health sectors of the relevant ministries, in addition to academia and research in the field of antimicrobial resistance. The Quadripartite was represented by missionaries from the African region and focal points from country offices. The training was

provided two international consultants from Bridgeway Group.

The overall objective was to strengthen multisectoral collaboration and coordination for joint planning, decision-making and implementation of AMR National Action Plans in the countries listed above. This will be achieved through building effective leadership skills for key staff engaged in the implementation of multisectoral AMR national action plans (NAPs), networking, and partnership development.

Results – At the end of the 3 days of workshops:

- The 30 Participants from 4 countries were more aware of their skills and, in particular, their conscious and unconscious habits in communication, interpersonal negotiation and consensus-building; This way, they will have a better understanding of what works and what doesn't in their particular context;
- Improved their essential interpersonal skills through the acquisition and application of new communication and joint problem-solving tools for mutual benefit.
- Gain a better understanding of how they work and will be able to improve their collaboration skills, in particular by cultivating curiosity and empathy.
- Built trust and strengthened their key relationships to facilitate future multi-sectoral collaboration activities;
- Practiced their skills and tools in the face of real-world challenges and improved their skills to ensure continuous learning and improvement.

No. 2 - The Monitoring and Evaluation Training for MPTF Country Project Team and AMR Multi-Stakeholder Coordination Committee - Development of M & E Framework for the MPTF Project

The AMR-MPTF project was supporting the Monitoring and Evaluation Training for MPTF Country Project Team and AMR Multi-Stakeholder Coordination Committee along with the Development of M & E Framework for the MPTF Project that was held within the UN House on October 9th and at Hôtel Colbert from 10 to 13th October 2023.



The objectives were : a/ Train and enhance the capacity of the MPTF project implementation team; b/ Build capacity of AMR multi-stakeholder coordination committee (animal health, human health, food safety and environmental health) in functional monitoring and evaluation; c/ Develop an M&E framework for monitoring the MPTF country project; d/ Develop data collection tools and plan for data collection; e/ Define roles and responsibilities for data collection, collation, analysis and reporting.

The 20 targeted training participants were key staff for the fight against AMR from the Ministries of Agriculture, Livestock, Fisheries, Health and Environment national staff.

The training was conducted by an expert on M&E Dr Yohane SOKO from WOAHA in collaboration with the Regional Quadripartite and the MPTF country project team (FAO, WOAHA, WHO, UNEP).

As a result apart from the Monitoring and evaluation training provided to the MPTF Madagascar project team and government officials:

MPTF Madagascar project results framework are finalized; Data collection tools for the project are developed and M&E roles and responsibilities are defined for data collection, collation, analysis and reporting.



4. Challenges

World Awareness on Antibiotics Week (WAAW – 2023) : due to national context (presidential election held on November 16. 2023) we were not able to achieve the quadripartite planned support to the celebration of this event.

Recruitment of the Project coordinator : the process was initiated within WHO around the beginning of November 2023, but due to major events and the closure of the WHO biennium, this activity will only be effective by the beginning of 2024.

5. Planned activities for Q1 – Q2 - 2024

OUTPUT 1: System for generating, analysing and interpreting data on resistance and consumption/use patterns developed or strengthened

1. Antimicrobial Traceability Strategy and Assurance of future use : mapping (FAO)
2. Support the validation of the AMR monitoring protocol (WHO)

OUTPUT 2 : Improved capacity for designing and implementing AMR-related policy frameworks, investment plans and programme

3. Strengthen the governance of AMR management through the One Health Platform (WHO-FAO)

OUTPUT3: CAP survey and AMR monitoring (poultry and dairy cow sector)

4. Restitution and sharing of the results of CAP surveys and AMR monitoring (FAO-UNEP-WHO)
5. Memorandum of Understanding with the National Laboratory of Veterinary Diagnostics LNDV (sample routing, sample storage and laboratory analysis.) (FAO)

OUTPUT 4 : Strengthen biosecurity and IPC systems

6. Implement the activities of the National IPC Programme : IPC guidelines and IPC curricula of formation (WHO)