

Programme area 2.1

Strengthening capacity in surveillance of water-related diseases and outbreak management

Lead Parties: Norway and Belarus

10th meeting of the Working Group on Water and Health,
Geneva, 15-16 November 2017

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Main focus program period 2017-2019

Planned activities:

- i. Development of annotated training modules on water-related disease (WRD) surveillance
- ii. Organization of national capacity-building activities on WRD surveillance and outbreak management
- iii. Review and revision of technical guidance document on WRD surveillance, including expert group meetings

Main activities 2017

Capacity building workshop Kyrgyzstan

Training needs assesment

- * Electronic survey for target countries
 - * Country needs and focus areas
 - * Target groups
- * Training programme prepared addressing the needs
- * Training material adapted

Training needs assessment questionnaire

Prevention and reduction of water-related diseases (WRD) is a priority programme area of work under the Protocol on Water and Health. Capacity building activities on WRD surveillance are planned under the 2014-2016 programme of work of the Protocol.
This survey aims at identifying the concrete capacity building needs on WRD surveillance and outbreak management in selected countries.

Part 1: Introduction

Please, describe how WRD surveillance and outbreak management is regulated and implemented in your country.

1) Is there a national plan or strategy or regulation related to WRD surveillance? Please briefly describe key elements and/or requirements.

2) Who are the main actors involved? What are their roles and responsibilities?

3) Please, describe how WRD surveillance and outbreak identification and response are organized in your country. Please specify whether outbreaks are normally handled at national or local level

Main activities 2017

Capacity building workshop in Kyrgyzstan

Content: tailored to the needs identified

- * **Overview of WRD and outbreak surveillance** in the Region and country
- * **Main approaches to WRD surveillance** and practice examples
- * Key principles and elements of **waterborne outbreak management**
 - * tools for epidemiological investigation
 - * risk communication
- * Hands-on group exercise on case study :
 - * computer based exercise based on a real outbreak investigation



Main activities 2017

Meeting of lead parties of programme area 2.1, Bonn Nov

Purpose of meeting

- * Review progress and discuss details of the implementation of the activities planned under 2017-19 Programme of work
- * Discuss scope/objectives, target audience, main building blocks and the process for development of a **technical guidance document on WRD surveillance and outbreak management**
- Background: Meeting on Strengthening Surveillance of WRD (Bonn, Oct 2014) recommended:
 - More user-friendly structure and design of technical guidance
 - Methodological guidance on outbreak investigation
 - Risk communication

Main activities 2017

Meeting of lead parties of programme area 2.1, Bonn, Nov

Technical guidance on WRD surveillance and outbreak management :

- * Proposed content and structure
 - Background and introduction
 - Part 1: Key considerations in improving **surveillance systems** for WRDs
 - Part 2: **Outbreak management**: main steps and key issues on WBOs
 - Environmental investigation and risk assessments
 - Risk communication
 - Using an outbreak scenario as example

- * Building on and complementing content of the capacity building workshops

- * Building on IHR core capacities and existing WHO guidance documents



Main focus program period 2017-2019

Plan of work

Three main pillars:

- i. development of a practice-oriented hands-on technical guidance document on water-related disease (WRD) surveillance and outbreak management
- ii. organization of national capacity-building activities on WRD surveillance and outbreak management
- iii. development of web-accessible training modules on WRD surveillance and outbreak management

Planned activities for 2017-2019

- i. development of a practice-oriented hands-on **technical guidance document** on water-related disease surveillance and outbreak management;
 - * Identify a suitable consultant
 - * Two expert group meetings (early and late draft)
 - * Expert review
 - * Editing and translation
 - * Finalizing (2019)



Planned activities for 2017-2019

ii. Organization of national capacity-building activities on WRD surveillance and outbreak management

* Lessons from first three workshops:

- Needs assessment survey helped in designing **the country specific training programme**
- Useful to share country experiences and practical examples
- Countries **identified gaps and strengths** through the discussions and group exercises

* Plan for next years

- Continue with workshops based on expression of interest
- Needs assessment survey → targeted content

Planned activities for 2017-2019

iii. Development of web-accessible training modules on WRD surveillance and outbreak management

- * Build on the technical guidance document
- * Use experience from workshops
- * Update training materials
 - * Annotated presentations
 - * Waterborne outbreak scenario case study
 - * Material for computer based exercise
- * Review and publish online





Thank you!