

# Activity Report

2005

**WHO Lyon Office  
for National Epidemic  
Preparedness and  
Response**

**Department of Epidemic  
and Pandemic Alert and  
Response**



**World Health  
Organization**

World Health Organization 2005.  
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## EXECUTIVE SUMMARY

The major event for the World Health Organization (WHO) Lyon Office for National Epidemic Preparedness and Response in 2005 was the negotiation and signature of the agreements enabling the continuation of activities for a further five years. The signatories include WHO and the French Ministry of Health and Solidarity, the French Ministry of Foreign Affairs, the Rhône-Alpes Region, the Rhône Department, the Grand Lyon, and the Institut Pasteur. These agreements confirm the commitment of all parties to support the critical work of the WHO Lyon Office.

Another milestone which will have a significant impact on future activities was the adoption by the World Health Assembly in May 2005 of the revised International Health Regulations (IHR 2005). WHO Member States have committed to develop core capacities for the early detection, investigation and response to outbreaks which have the

potential for international spread. Thus the work in national capacity strengthening already undertaken by the WHO Lyon Office will have added impetus in the years to come.

Meanwhile, the responsibilities of the WHO Lyon Office have already broadened from the original plan and now include four programmatic areas: epidemiological surveillance, preparedness and response; laboratory capacity strengthening; biosafety and infection control; and preparedness for deliberate epidemics. In addition to facilitating training and distance learning and supporting capacity strengthening activities in countries, the Lyon Office has been active in networking with other groups of experts and in developing and applying new tools. All of these technical activities are focused on strengthening epidemic preparedness and response in Member States.



WHO Lyon Office

## INTRODUCTION

On a global scale, epidemics and emerging infections constitute a perpetual threat to the health of humankind. The recent epidemics of SARS and of Ebola and Marburg haemorrhagic fevers, and the current fear that avian influenza will develop into a human pandemic reinforce the reality of these threats. Deaths, suffering, closure of borders, commercial sanctions –

during an epidemic the cost in terms of life and livelihood is enormous. Within the scope of the International Health Regulations, the World Health Organization is working with its Member States to enhance global health security through rapid recognition and timely response to epidemics and emerging infections.

### Mission

The mission of the WHO Lyon Office for National Epidemic Preparedness and Response is to contribute to global health security by strengthening national

capacities for the early detection, rapid verification and appropriate response to epidemics, be they of natural, accidental or deliberate origin.

### History of the WHO Lyon Office

The Convention establishing a WHO Lyon Office as part of the Department of Communicable Disease Surveillance and Response (now the Department of Epidemic and Pandemic Alert and Response) in WHO Headquarters was signed on 16 May 2000 for an initial duration of five years, by the Secretary of State for Health and Persons with a Disability, the President of the Grand Lyon, the WHO Director-General and the CEO of Fondation Mérieux.

The Office was inaugurated on 8 February 2001 and in April of the same year welcomed participants from

seven francophone African countries for the first training course for laboratory specialists.

Although in its conception the role of the WHO Lyon Office was to address the low level of diagnostic competence in public health laboratories in developing countries, over the past five years activities have grown to meet the needs for national capacity strengthening in surveillance systems, laboratory biosafety, preparedness for deliberate epidemics, and prevention and control of healthcare-associated infections.

### Convention renewal

In 2004, at the end of the first Convention an evaluation of WHO Lyon Office was conducted by the Institut de Recherche pour le Développement (Paris, France) which recognized the expansion of activities in response to the growing needs for global health security and highlighted the considerable positive impact of these activities. Thus on 13 April 2005 a Declaration of Partners was signed by the French Ministry of Health and Solidarity, the French Ministry of Foreign Affairs, the Rhône-Alpes Region, the Rhône Department, the Grand Lyon, the Pasteur Institute, and WHO. This document states the political and financial commitment of all partners to support the activities of the WHO Lyon Office from 2005 to 2010. An agreement estab-

lishing relations more specifically between France and WHO with regard to the WHO Lyon Office was approved on 27 July 2005. In addition, a quadripartite agreement between WHO and the three local partners (the Rhône-Alpes Region, the Rhône Department, and the Grand Lyon) as well as individual agreements between WHO and each of the above partners are being finalized and will be ratified soon.

In addition to this significant support from the French Government, international support from a range of important donors, including governments, private foundations, and other institutions (see Appendix 1) has been, and continues to be, invaluable to support implementation by the WHO Lyon Office of key activities in national capacity strengthening.



Convention signature, 13 April 2005, Charbonnière-les-Bains

## ORGANIZATION

While physically located in France, the WHO Lyon Office forms an integral part of the Department of Epidemic and Pandemic Alert and Response (EPR), formerly the Department of Communicable Disease

Surveillance and Response (CSR), within the Communicable Disease cluster (CDS) in WHO Headquarters. The Lyon Office is organized into three teams, supported by a management, administration and communications unit.

### Epidemiological Surveillance Strengthening team (ESS)

ESS supports Member States in the strengthening of infectious disease surveillance systems, including early warning functions for epidemic-prone diseases. The team also supports the development of national capacities for outbreak investigation and provides assistance to countries both during and

after epidemic events. The team supports the establishment of epidemic early warning and response systems in complex emergency situations. ESS also collaborates with global and regional partners in the expansion of field epidemiology training programmes.

### Laboratory Strengthening team (LAB)

LAB supports Member States in strengthening national public health laboratory systems by building human capacity and improving national laboratory infrastructures and networks. LAB develops global and regional laboratory networks for training, quality assurance, and rapid response to epidemic

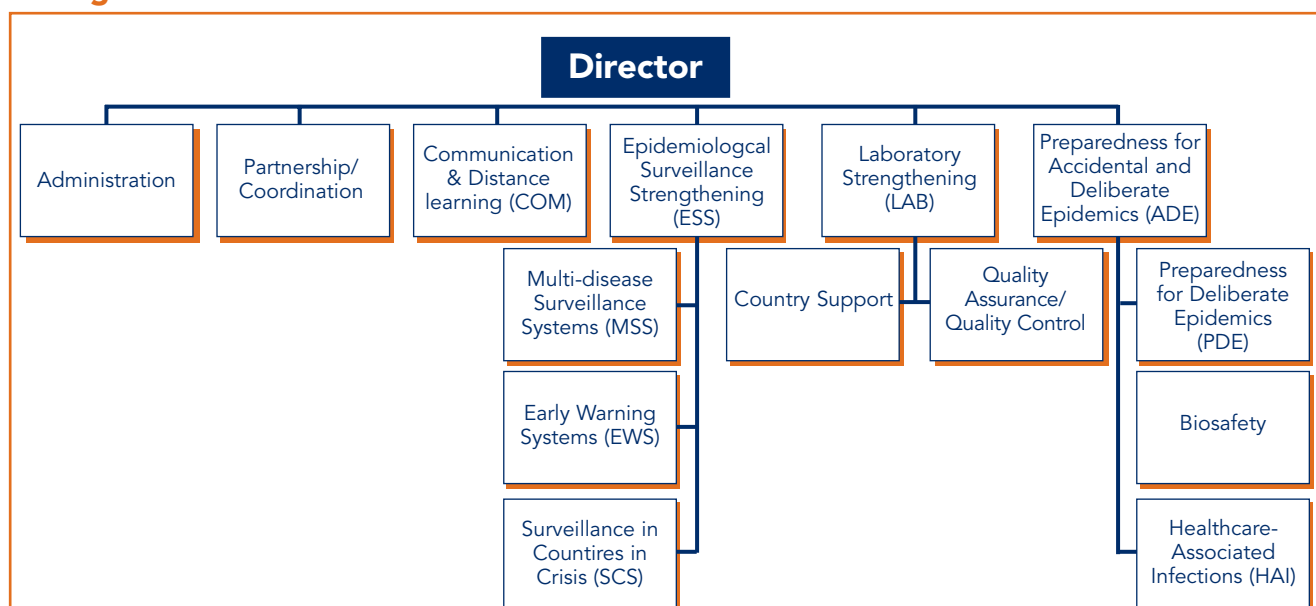
events; fosters international partnerships between laboratories and laboratory networks; and promotes the integration of both clinical and public health laboratories into disease surveillance networks.

### Preparedness for Accidental and Deliberate Epidemics team (ADE)

ADE contributes to building national capacities for preparedness for accidental and deliberate release of biological agents with epidemic potential. The team focuses on the essential elements of laboratory biosafety and biosecurity; the prevention and control of healthcare-associated infections; and national

and international preparedness for deliberate use, including the development of tools, norms and standards, support to national and international training programmes, country assessments, and support to the development of global technical partnerships.

### > Organization chart



## PROGRAMMATIC AREAS

### > Objective 2012

Every country should have acquired the core capacity to assure rapid detection, investigation and response to epidemic threats by the year 2012

The long-term objective of the WHO Lyon Office (LYO) is to support efforts by all countries to strengthen their national surveillance and public health laboratory systems and to develop the core capacities for rapid detection, investigation and response to epidemic threats, in line with the requirements of the International Health Regulations adopted at the World Health Assembly in May 2005 (IHR 2005).

The activities of LYO are directed towards the development and implementation of innovative and sustainable approaches to national capacity building through:

- supporting efforts in-country to strengthen national capacities in laboratory and epidemiological surveillance, biosafety and infection control, biosecurity and preparedness for deliberate epidemics;
- building networks of competence;
- training and distance learning;
- developing and disseminating global reference tools.

The plan of work prepared in 2005 for the period 2005-2009 includes five programmatic areas:

1. Strengthening of specific national epidemic preparedness and response functions in support to the implementation of IHR 2005 (activities will be initiated late 2005/early 2006; see "Future perspectives").
2. Strengthening of national capacities for epidemiological surveillance, preparedness and response.
3. Strengthening national capacities of public health laboratories.
4. Strengthening laboratory biosafety, and the prevention and control of healthcare-associated infections.
5. Improving preparedness for deliberate epidemics.

Cross-cutting activities, common to, and underpinning, all areas of work in LYO include:

- communications, media relations and advocacy;
- management and administration.

### > Activity matrix

预览已结束，完整报告链接和二维码如下：

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_29858](https://www.yunbaogao.cn/report/index/report?reportId=5_29858)

