



Food and Agriculture
Organization of the
United Nations



中国水产养殖疾病管理和防控工作简介

Disease Management and Control in Chinese Aquaculture

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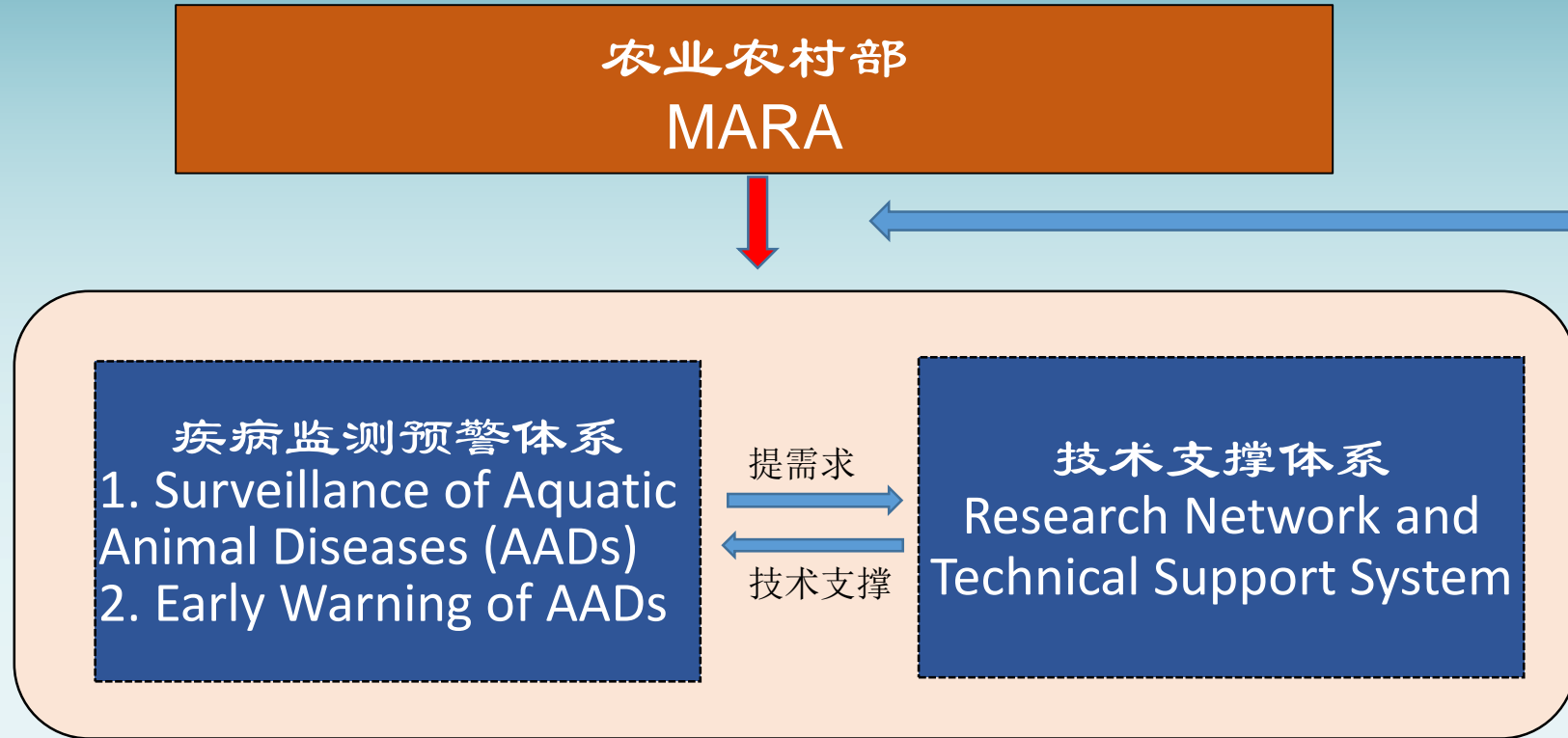
National Fisheries Technology Extension Center (NFTEC)

Ministry of Agriculture and Rural Affairs (MARA)

China

一、中国水产养殖疾病防控体系

Disease Prevention and Control Systems in Chinese Aquaculture



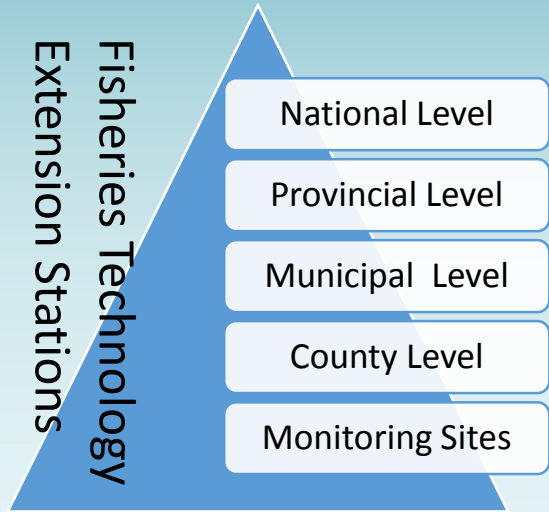
专业咨询委员会
Expert Committee

Expert Committee act as the advisor for policy making, as well as providing suggestions and support for work related to control of diseases in aquaculture in China.

中国水产养殖疾病防控体系
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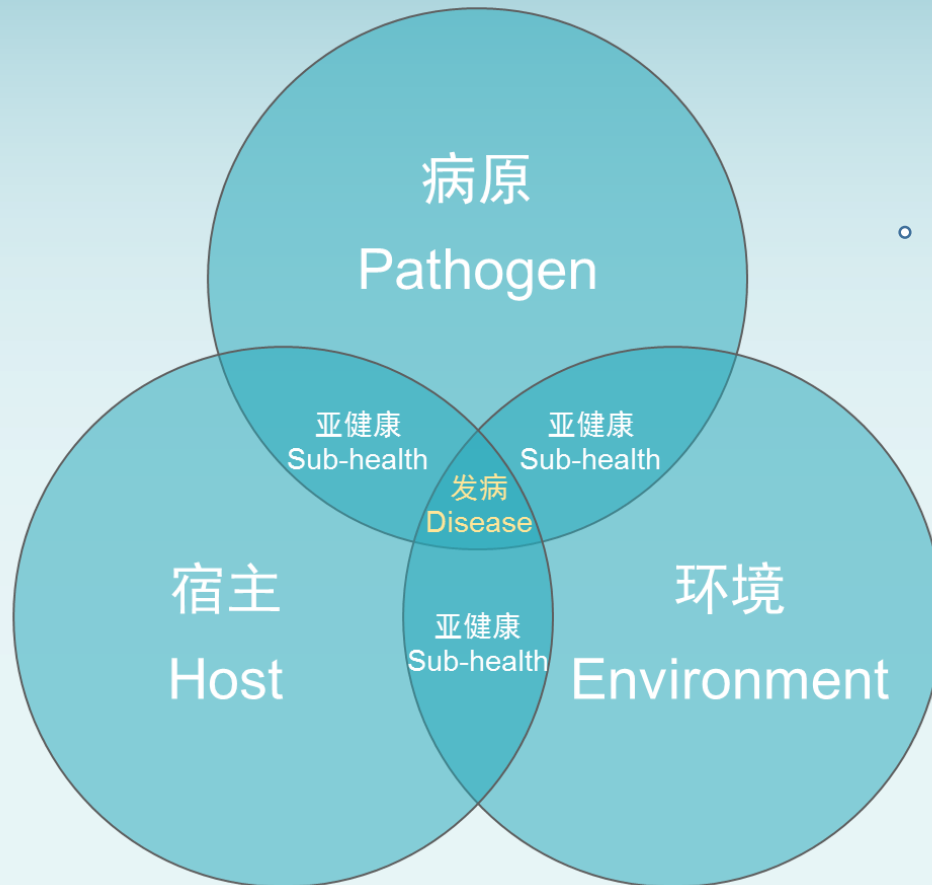
1. Monitoring and surveillance in all levels
2. Timely report through online information system

全国有近5000个监测点



二、水产养殖疾病防控工作思路及措施

Strategies and Solutions for Disease Prevention and Control in Aquaculture



思路 Solution

二、水产养殖疾病防控工作思路及措施

Strategies and Solutions for Disease Prevention and Control in Aquaculture

策略 Strategies

切断病原

Pathogen Free

1. 苗种产地检疫
 2. 建设“无疫苗种场”
 3. 采取生物安保管理措施
1. Quarantine of Juveniles in the Original Hatchery
2. Establishment of SPF Hatchery
3. Biosecurity

限制宿主

Management of Culture Species

1. 限制易发病品种在特定区域的养殖规模
 2. 选择抗病优良品种
1. Restriction on Breeding Scale of Specific Species
2. Selective Breeding

控制环境

Mastery of Environment

1. 水质
 2. 养殖模式
 3. 饲料
 4. 增氧
 5. 密度
1. Water Quality, 2. Production System, 3. Feed, 4. Aeration, 5. Density

疾病监测 Surveillance

Guarantee Measures

1. 法律 Laws
2. 制度 Regulations
3. 人员 Personnel
4. 经费 Financial Support
5. 体系能力 System Capacity

保障

二、水产养殖疾病防控工作思路及措施

Strategies and Solutions for Disease Prevention and Control in Aquaculture

疾病监测 Surveillance

National Level

Provincial Level

Municipal Level

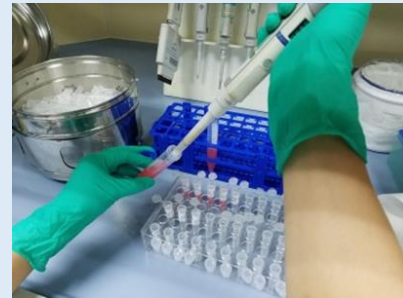
County Level

Monitoring Sites

被动监测 Passive Surveillance



主动监测 Active Surveillance



全国水产养殖疾病远程辅助诊断网 National Remote Diagnosis of AAD Network

◆ 目前:

1. 依托全国疾病监测系统建立水产病害大数据库，提供**预警**、**自助诊断**服务。
2. 共享全国专家资源，进行**在线服务**，为基层提供技术服务

◆ What we have done

1. Base on the national disease surveillance system, establish a large database of aquatic diseases, and providing early warning and self-diagnosis services.
2. Share national expert resources, providing online technical services for the farmers.



◆ 下一步:

在大数据信息资源基础上，构建全国水产病害监测预警和信息发布的地理信息“**一张图**”平台，为全国水产病害及时、**精准预警**，控制疾病流行、推动水产养殖绿色发展提供技术支持。

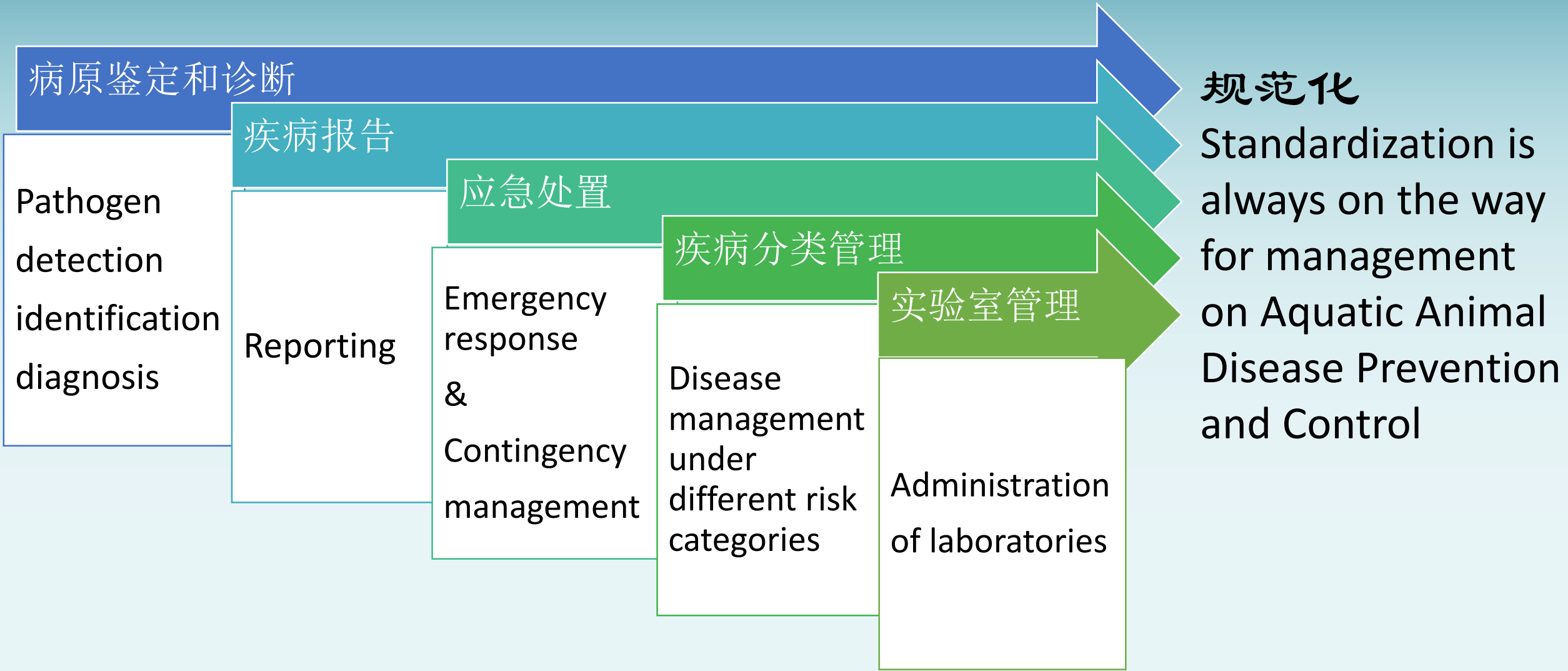
◆ What to do next

Establishing a national platform that combine early warning with information release on aquatic disease. Providing early warning in a timely and precisely way.



早发现、早诊断、早预警、早处置

三、面临的挑战 Challenges





谢 谢!

THANK YOU!