

Training and capacity building on “Preparing to and fighting the Health Emergency from novel Coronavirus SARS CoV-2”

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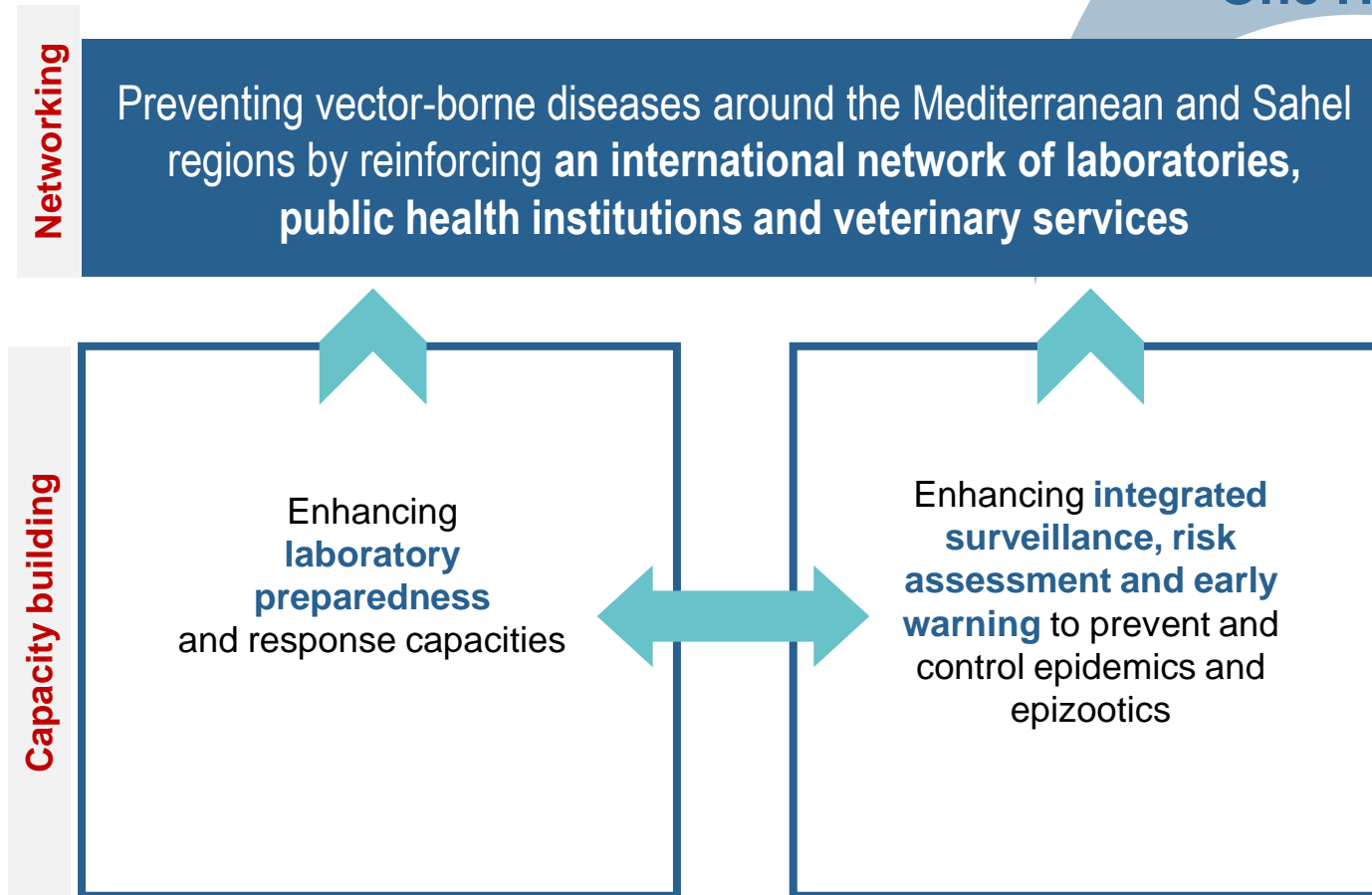
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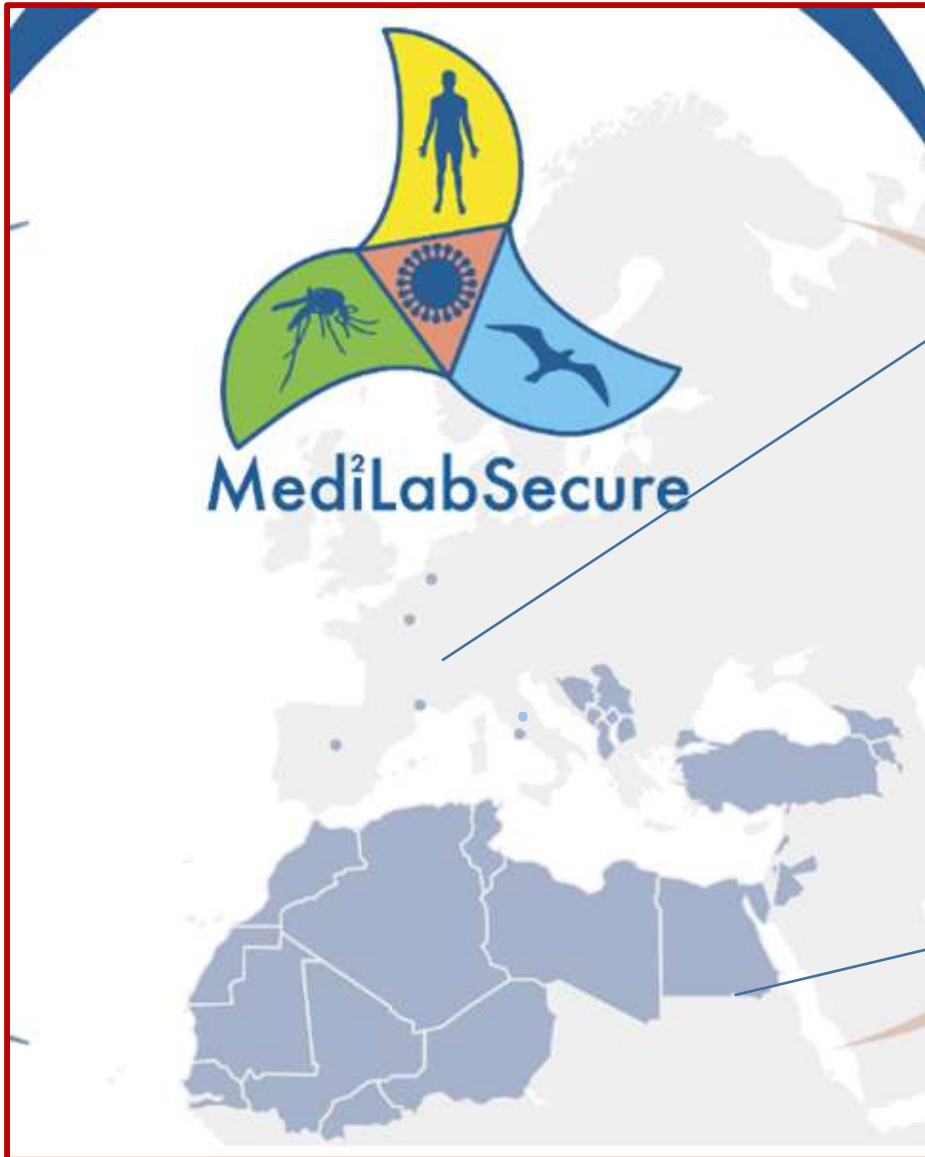
Preventing biological risks increased by environmental and climate change in the Mediterranean, Black Sea, and Sahel regions by strengthening institutional capacities in the context of One Health



Advocacy for the adoption of a One Health approach



Networking



Pasteur Institute, France
INIA, Spain
IRD, France
ISS, Italy
Avia-GIS, Belgium
IZSAM, Italy

More than 80 Lab and Institutions in 22 Countries in MLS Network: Albania, Algeria, Armenia, Bosnia and Herzegovina, Burkina Faso, Egypt, Georgia, Jordan, Kosovo, Lebanon, Libya, Mali, Mauritania, Montenegro, Morocco, Niger, Palestine, Rep. of North Macedonia, Senegal, Serbia, Tunisia, Turkey

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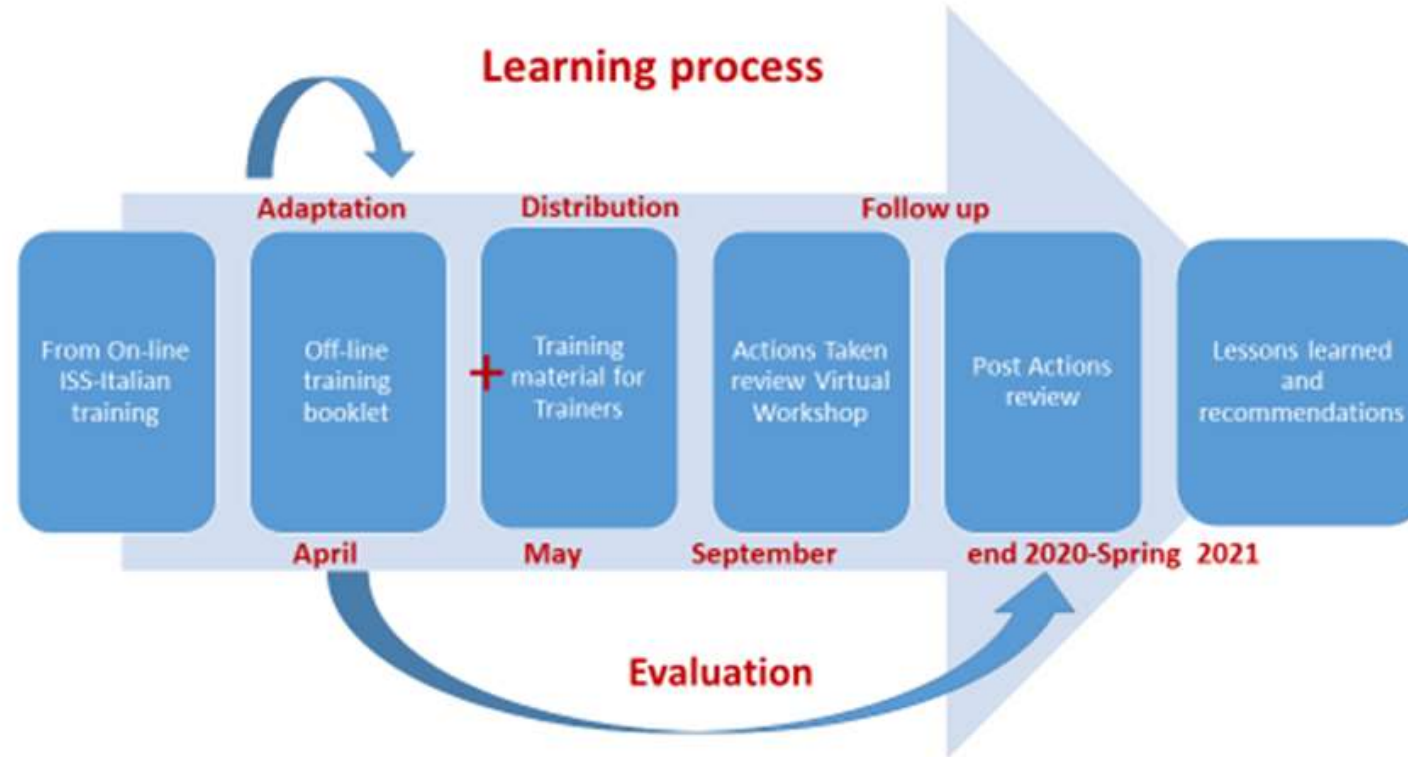


Background and Aims

- ✓ **Italy** is one of the countries which has faced a very dramatic Covid-19 emergency
- ✓ In this framework **Istituto Superiore di Sanità (ISS) developed an on-line course** “Preparing to and fighting the Health Emergency from novel Coronavirus SARS CoV-2” for the health personnel of the Italian Health Services
- ✓ The purpose of the course is **to support health personnel in facing the COVID-19 emergency**, according to the best available scientific evidence and official sources of information
- ✓ On the basis of the material developed for **the on-line course a training package has been adapted, integrated and translated in English and French** to be used also in other countries beyond Italy
- ✓ The training package has been made available on **the ISS training platform** to be downloaded for **self-training or by trainers** who have to organise trainings at country level (Training of Trainers)



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Pedagogical approaches: Problem-Based Learning (PBL) Approach

- ✓ PBL is a student-centred pedagogy for adult learner in which students learn about a subject in the context of complex, multifaceted, and realistic problems
- ✓ Participants define their learning objectives starting from a problem related to their professional environment

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Course structure

The course consists of three learning units:

- **Unit 1:** Features of the novel coronavirus (SARS-CoV-2) health emergency
- **Unit 2:** Surveillance, identification and management of suspected and confirmed cases
- **Unit 3:** Information for healthcare professionals on prevention, identification and monitoring strategies in both clinical and community settings

Training materials

Each training Unit contains:

- Entrance assessment (pre-learning test)
- Problem
- Supporting materials: keywords, bibliography and webography
- Reading materials
- 3 Tutorials
- Problem solution, key messages
- Deepening on national aspects
- Self-assessment (post-learning test)



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E-learning courses

Course title	Main Target	Delivery period	Subscribers 15/9/2020	Countries	Details of professionals involved
Novel Coronavirus (SARS-CoV-2) health emergency: preparedness and response (ISS Pre-SF-DMI-GLOB)	Health workers	25/05 - 31/12	25	Albania, Armenia, Bosnia and Herzegovina, Egypt, Ethiopia, Georgia, Jordan, Kosovo, Lebanon, Libya, Moldova, Montenegro, Palestine, Republic of North Macedonia, Serbia, Turkey, Ukraine	Medical doctor, general practitioner/family doctor/community doctor, nurse, epidemiologist, virologist, veterinarian, entomologist, other healthcare providers, laboratory staff and staff involved in the COVID-19 epidemic management
Préparation et réponse à l'urgence sanitaire du nouveau Coronavirus SARS-CoV-2 (ISS Pre-SF-DMI-GLOB)	Travailleurs du domaine de la Santé	25/05 - 31/12	78	Algeria, Burkina Faso, Mali, Mauritania, Morocco, Niger, Senegal, Tunisia	

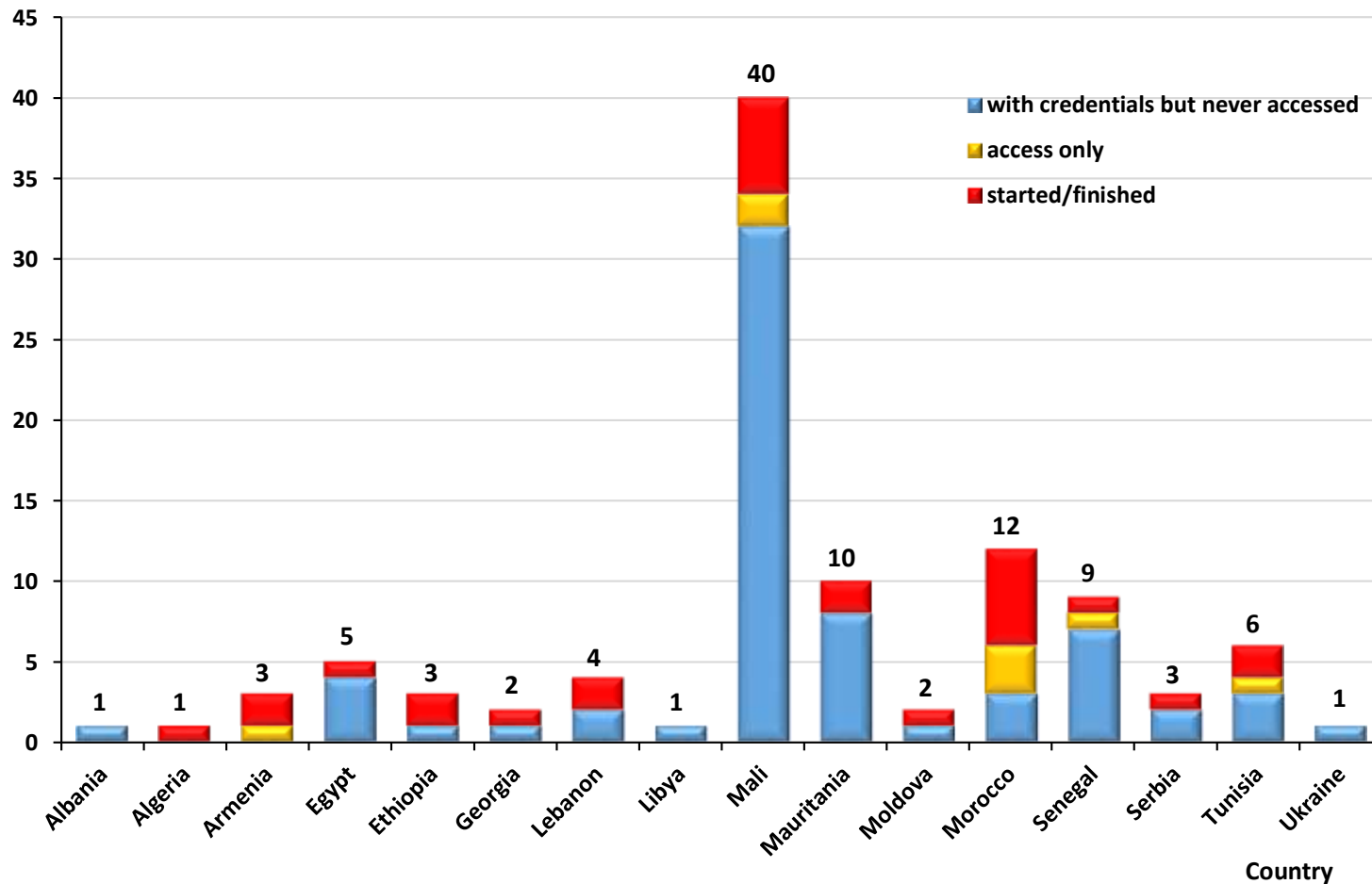
Webinar & Workshop

- September 2020 Webinar “Actions taken review”
- March 2021 “ Post actions review workshop” with MLS countries plus others countries and institutions



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(subscribers for self-education and for Training of Trainers – updated 15 Sept 20)

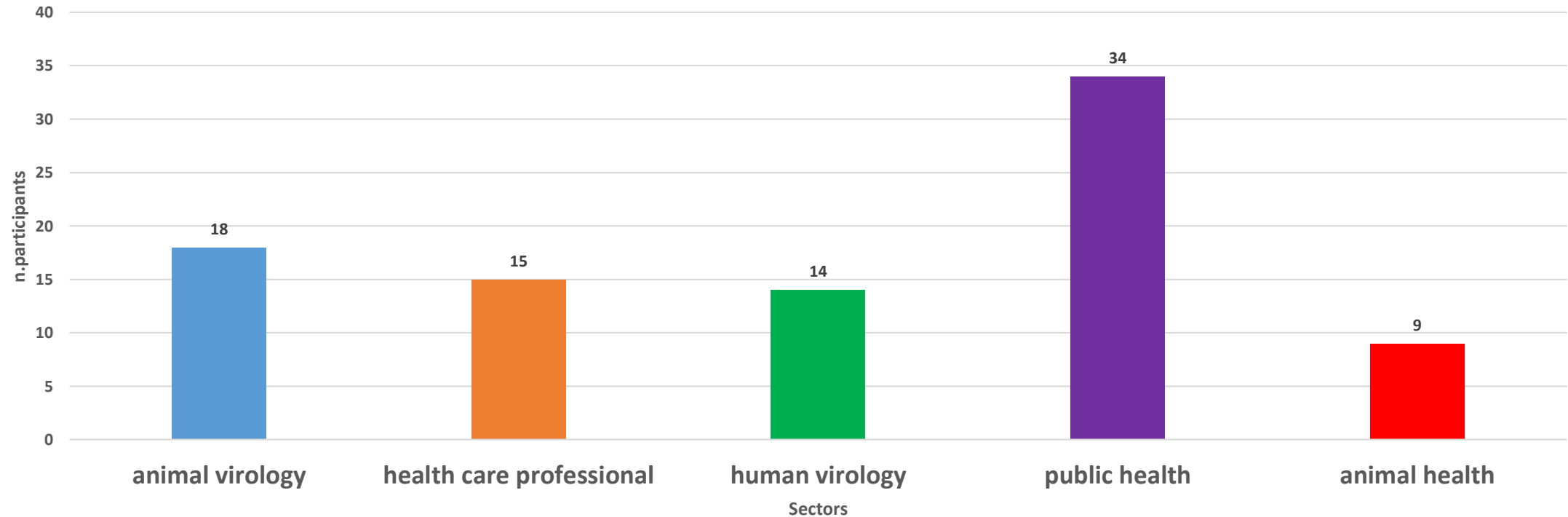


Trainers			
Country	Course		Total with credentials
	French	English	
Egypt		2	2
Georgia		2	2
Lebanon		2	2
Mali	18		18
Mauritania	4		4
Morocco	3		3
Serbia		1	1
Total	25	7	32

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Participants' sectors of employment (out of 90 who have provided this information)



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Covid-19 ACTIONS TAKEN REVIEW VIRTUAL WORKSHOP § “Protecting and empowering COVID-19 frontline health workers: how are we doing it?” 23 September 2020

Objectives:

- 1. Share critical aspects of healthcare workers' matters in terms of personal protection, training and support to respond effectively to the COVID-19 pandemic**
- 2. Provide feedback on the distance learning module on “Novel Coronavirus (Sars-CoV-2) health emergency: Preparedness and Response”**

§IN COLLABORATION WITH MEDIPIET

Questions for the discussion

Specific questions for those who have attended Covid-19 ISS/MLS Training Course

- Were the course objectives clear and was the content consistent with the course objectives ?
- Overall, was the educational quality of the course (objectives, training materials, relevance to the user's professional development) satisfactory ?
- Was the educational method, based on the 'problem-based learning', effective ?
- Can I apply what I have learnt in this course to my professional context ?

General questions regarding training in Covid-19 Pandemic

- How would you cope with the need of training and the lack of adequate available time in emergency situations like the Covid-19 Epidemic?

Conclusions and way forward

The training “Preparing to and fighting the Health Emergency from novel Coronavirus SARS CoV-2” can be strengthened, both in terms of contents and methodology, on the basis of the feedback received by the participants and **access to it extended beyond December 31st, 2020**

Further workshops should be organised to facilitate sharing of lessons learned within all the sectors involved in the management of the Covid-19 epidemic

Multidisciplinary and multisectorial collaborations are challenging but needed as highlighted by the Covid-19 pandemic. Training modules developed considering as target different disciplines can facilitate collaboration towards common priorities.

https://www.medilabsecure.com/covid19_activities_publichealth.html

[www.
medilabsecure.com](http://www.medilabsecure.com)

Thank you
for your attention



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