



# SUMMARY REPORT

## PUBLIC HEALTH SUPPLY CHAIN MANAGEMENT SHORT CERTIFICATE COURSE

With the Technical Assistance of  
**USAID Global Health Supply Chain Program**  
PROCUREMENT & SUPPLY MANAGEMENT



## **Overview of UHS and USAID GHSC-PSM Program Collaboration**

University of Health Sciences is a non-profit public-sector university located in Lahore, Pakistan. It offers both graduate and undergraduate programs in the field of health sciences. Recently, in collaboration with the USAID GHSC-PSM Project, UHS Lahore launched its Second Short Course Certificate on Supply Chain Management (SCM) of Health Commodities during November 26-30, 2018, building on the success of its first short certificate course launched in May 2018. This course is primarily designed to train Government and Non-Government Officials who are already working on SCM in their relevant fields. The aim of this course is to enhance the skill set and build competencies of the workforce, in order to cope up with the growing demands of the public health supply chain domain.

UHS and GHSC-PSM's collaboration process dates back to May 2017, when a series of consultative and advocacy meetings were conducted with the Vice Chancellor of University of Health Sciences, the Director Monitoring and Evaluation USAID GHSC-PSM program, the Provincial Minister for Special Education and Tertiary Health Care, and the Government of Punjab. During these consultative meetings, a consensus emerged which proposed that UHS may initiate short SCM courses for enhancing the workforce capacity of public and private sector organizations, and USAID would facilitate UHS by providing technical support. This would not only lead towards workforce strengthening but also work towards ensuring sustainability of the Public Health Supply Chain in Pakistan.

## **LOU Background**

On July 12, 2017, the University of Health Sciences (UHS) with GHSC-PSM's support, conducted a National Symposium on the introduction of a 3-Credit Supply Chain Management (SCM) course to the wider academic and public health community at UHS, Lahore. The symposium, under the chairmanship of the Punjab Health Minister for Specialized Healthcare and Medical Education, was attended by the Federal Secretary of the Ministry of Health Services, Regulations and Coordination, the Provincial Secretary of the Punjab Population Welfare Department, the Vice Chancellor of UHS, UHS faculty members and course participants, representatives from affiliated medical colleges, vice chancellors of other universities, and officials from the Punjab government's Departments of Health and Population Welfare.

A Letter of Understanding (LoU) was also signed between UHS and the GHSC-PSM Project during the event, with the SCM curriculum handed over to UHS's Department of Public Health by the USAID GHSC-PSM team. Training of trainers (ToT) was also conducted by the GHSC-PSM team for UHS faculty, in order to enable them to independently implement the three-credit hours in other provinces as well.

### **Launching of Second SCM Certificate Course**

UHS Department of Public Health with USAID GHSC-PSM's technical assistance launched its Second 5-Day SCM Certificate Course during November 26-30, 2018. This course was attended by government sector employees, as well as participants from private sector including pharma industry, etc.

### **Overview of Second Certificate Course Preparation**

The course outline, handouts, and slides were prepared in consultation with UHS faculty and with USAID GHSC-PSM's technical assistance. The course outline covered the overall public health supply chain management content that would be delivered during the SCM course.

### **Background of Participants**

Most of the participants who attended the training course were from public and private sector supply chain institutions, including the Punjab Department of Health, Population welfare Department, Chughtai Lab Pvt Ltd, Hospicare System, Punjab Health Facilities Management Company, as well as participants from academia.

### **Overall Course Schedule**

The overall course schedule of course was designed in a chronological order in order to accurately convey the fundamentals of logistics management and the relationship between supply chain logistics and commodity security to participants.

Day 1 comprised of an Introduction to the Course, Course Goals and Objectives, Significance of Public Health Supply Chain Management, Commodity Security, Introduction to Health Logistics Systems, as well as Logistics Management Information Systems.

Day 2 included topics such as Health Commodity Storage & Distribution, Assessing Stock Status and Maximum-Minimum Inventory Control Systems.

Day 3 covered Mid-Course Evaluation, Assessing Stock Status at Any Level, Analysis of LMIS Data, Assessing Logistics Systems, and Quantification of Health Commodities.

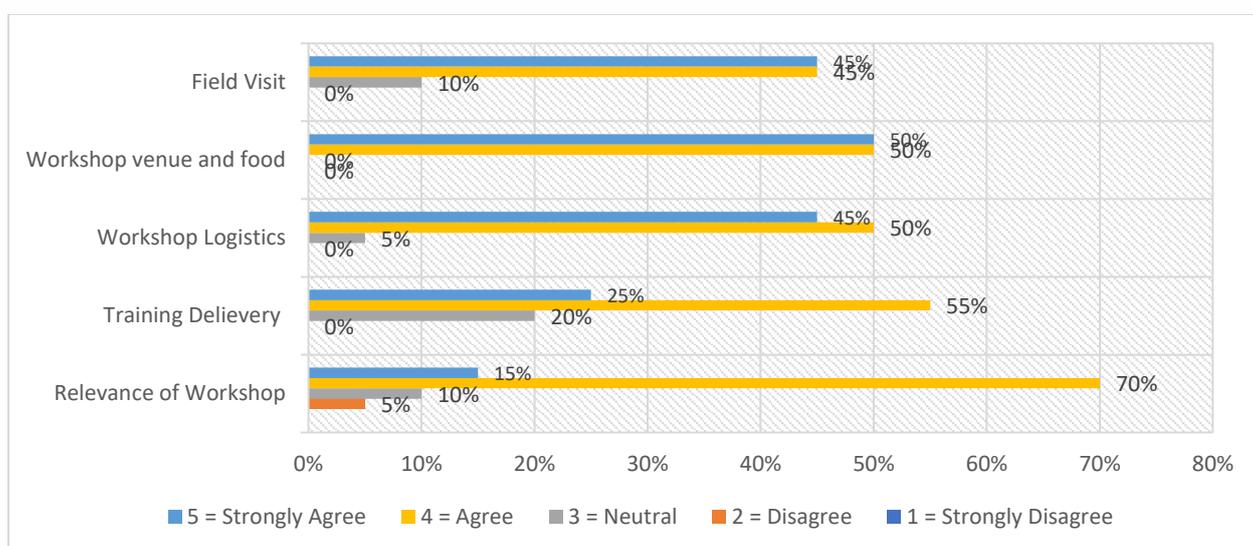
Day 4's sessions comprised of Procurement, Introduction to Cold Chain, Monitoring & Evaluation, and Commodity Security Vignettes and Review of Commodity Security.

Day 5 included a Site Visit and Course Conclusion, including final assignments and certificate distribution ceremony.

## Participants' Feedback

Feedback on the course was collected from participants at the end of the course, in order to identify possible areas for improvement. A total of 20 participants completed the course evaluation questionnaire. Participants feedback was collected regarding areas for improvement in training delivery, workshop logistics, training venue and food quality, etc.

Below is the summary of participants' rating as per given category:



### 1. Relevance of Workshop

The above graph indicates that out of 20 respondents, 70% of respondents agreed that the workshop was relevant to their work and profession, while 15% strongly agreed this was the case. 10% of participants were neutral regarding whether the workshop was relevant to their field of work, and that the course was well designed and equipped with current Public Health Supply Chain trends and terminologies.

### 2. Training Delivery

The graph indicates that out of 20 respondents, 55% and 25% of respondents agreed and strongly agreed respectively about the effectiveness of the training's overall design and methodology. However, 20% of respondents indicated that there is still room for improvement in training overall design, including number of days allocated to the course, delivery methods used, workshop material and workshop aids, facilitator's knowledge of the subject, etc.

### **3. Workshop Logistics**

The graph indicates that out of 20 respondents, 50% and 45% of respondents agreed and strongly agreed respectively with the workshop logistics arrangements made by UHS, including logistics information provided for attending the workshop, course registration and payment process, etc. 5% of respondents indicated that there is still a need for some improvement in workshop logistics for the course.

### **4. Workshop Venue and Food**

The graph indicates that out of 20 respondents, 50% and 50% of respondents agreed and strongly agreed that UHS has made good arrangements regarding the workshop venue, lunch and refreshments, and boarding facilities provided to out-of-city participants.

### **5. Field Visit**

The graph indicates that out of 20 respondents, 45% and 45% of respondents agreed and strongly agreed that the arranged field visit was timely, as per objectives of the course, etc. However, 10% of respondents were of the view that there is room for improvement.

### **6. Overall Feedback**

In terms of overall ratings, 55% and 40% of respondents agreed and strongly agreed that the workshop met their expectations, with 5% of respondents stating that it required further improvement.

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