To increase port health staff and crew competencies on prevention, risk assessment, response to chemical, biological and radiological threats by training trainers within each EUMS and by delivering e-learning courses available to staff in all EUMS and companies operating in EU.

METHODOLOGY

Methods for completing the objective include:
- Maintaining pool of trainers based on competency criteria
- Identifying training needs
- Defining learning objectives based on essential knowledge, skills, and attitudes required to perform job tasks for each target audience
- Defining modes of delivery (face to face, on the job, synchronous and asynchronous e-learning) for each training course
- Developing training plans (i.e. course syllabus, schedule, and outline)
- Preparing training materials for each training delivery mode
- Developing tools for evaluating reaction, learning, behaviour and results

IMPACT EVALUATION & CONCLUSIONS

- Transferability: 81% of participants in the face-to-face training courses contributed to knowledge transferability by organising local/national training courses, using SHIPSAN material, sharing learning outcomes with colleagues.
- Networking: Training courses facilitated professional networking of 53% of participants.
- Webinars: 99% of viewers of the 8 evaluated webinars would recommend the webinars to others. Majority of viewers evaluated highly all aspects (presenter, material and technology).
- E-learning: Almost 90% [17/19] of trainees that completed the e-learning course for PHO declared they would fully or partially use the new skills acquired to their day to day job.

Competencies of authorities' staff and industry on prevention, control and response to health threats have been improved.

E-learning

Asynchronous

New e-learning for Port Health Officers

Inspections of passengers ships according to the European Manual for Hygiene Standards and Communicable Disease Surveillance

Content
- 7 modules presenting inspection techniques, practical examples with visual material and audio narration
- 16 hour asynchronous training course

Users
- 761 registered users (09/2010 – 08/2016)
- 363 new registered users (after 01/02/2013)
- 139 PHO registered to the new course

New e-learning course for cruise industry

Trainers & seafarers certification, onboard e-learning modules (available online & offline), onboard face to face training by certified trainer and blended learning.

Register to the e-learning courses and to view recorded webinars at http://elearning.shipsan.eu/

RESULTS

Pool of trainers: 90 trainers from 20 countries – Available to support national training courses

Face to face training courses

National level

8 training courses in Bulgaria, Croatia, Greece, Ireland, Portugal, Slovenia, Spain, Nordic countries

Training Subjects:
- The European Manual for hygiene standards and communicable disease surveillance, EU SHIPSAN Information System and IHR (2005) – issuance of Ship Sanitation Certificates (Duration: 2 days/3 days)
- Waterborne diseases prevention and control, Water Safety Plans, Control measures for Legionnaires’ disease prevention, water sampling techniques (Duration: 3 days)
- International Health Regulations IHR (2005) for lead inspectors (Duration: 4 days)
- Issuance of SSCs by using the WHO Learning Programme
- Training on chemical and radiological issues
- Case study on management of events of Ebola Virus disease on ships

Personnel Trained: 205 port health officers trained

European level

5 training course for port health officers and seafarers in Greece, Italy, Slovenia
5 one day train the trainers courses

Training Subjects:
- The European Manual for hygiene standards and communicable disease surveillance and EU SHIPSAN Information System (Duration: 3 days)
- Waterborne diseases prevention and control, Water Safety Plans, Control measures for Legionnaires’ disease prevention, water sampling techniques (Duration: 3 days)
- International Health Regulations IHR (2005) for lead inspectors (Duration: 4 days)
- Issuance of SSCs by using the WHO Learning Programme
- Training on chemical and radiological issues
- Case study on management of events of Ebola Virus disease on ships

Personnel Trained: 136 port health officers from 23 EUMS & 5 non EUMS (Albania, Israel, Montenegro, Serbia, Turkey) + 106 seafarers

Training material (case studies, presentations, practical and theoretical exercises) available to all EU EUMS to organise national training courses

E-learning

Online

Asynchronous

Content
- 7 modules presenting inspection techniques, practical examples with visual material and audio narration
- 16 hour asynchronous training course

Users
- 761 registered users (09/2010 – 08/2016)
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On the job

104 port health officers from 43 ports in 16 EUMS and Turkey received on the job training during pilot and routine inspections conducted in 2011, 2013, 2014, 2015 and 2016.

Ad hoc activities in response to PHEIC

- Webinar on Ebola Virus Disease and maritime transport sector, April 2015.
  - 97 participants
- Case study on management of events of Ebola Virus disease on ships in the face to face training course in Slovenia, June 2015.
  - 35 participants
- Presentation of SHIPSAN ACT Interim guidance on maritime transport and Zika virus disease in Luxemburg meeting organised by DG SANTE.

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OBJECTIVE

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