



# EVALUATION

## ECDC Summer School 2014

### Stockholm, 9-12 June

**Track 1 (Induction workshops for new supervisors)**  
**Train the trainer in applied epidemiology and public health microbiology**

**Track 2 (Technical workshops)**  
**Evidence for decision making in public health**

**Track 3 (Technical workshops)**  
**Capacity strengthening in Vaccine preventable diseases (VPD)**

## Background

The European Programme for Intervention Epidemiology Training (EPIET) and the European Public Health Microbiology Training Programme (EUPHEM) are two-year “learning by doing” programmes coordinated by ECDC. Supervision of EPIET and EUPHEM fellows at training sites is trusted to mid-career and senior epidemiologists and microbiologists working in communicable disease prevention and control. Scientific coordinators, based at ECDC and in national public health institutes in the EU, review fellows’ work and monitor their progress during the fellowship.

The ECDC Summer School 2014 is built based on the experience of the ECDC train the trainers’ induction workshop for new EPIET and EUPHEM supervisors in July 2011, and previous 2012 and 2013 editions.

## ECDC Training Strategy

- *Vision: A competent workforce for disease prevention and control is sustained through training based on professional learning by doing, sharing experience of good practice and open civil debates about lessons learned and just choices that promote equitable access for EU citizens to public health.*
- *Aim: To contribute to strengthening the capacity for disease prevention and control in Europe by providing access to the most recently developed tools for training and promoting multidisciplinary collaboration (e.g. veterinarians, statisticians, public health nurses, information technology experts, policy makers).*

## Goal

To strengthen the mentoring and technical skills of both ECDC experts and experts within ECDC networks, such as fellowship supervisors, by providing an opportunity for networking and scientific exchange on methods for communicable disease prevention and control

## Specific objectives

1. To address expressed training needs among EPIET/EUPHEM supervisors
2. Bring supervisors of EPIET and EUPHEM fellowships together to share and exchange experiences and views on supervision, coaching; and create collaborations between microbiologists and epidemiologists
3. To bring ECDC core activities and the fellowships network closer, increasing the ability for supervisors to identify projects that link to ECDC's core and priority tasks and facilitating opportunities for experts from the Disease Networks and ECDC experts to be aware of and involved in fellowship projects.
4. To incorporate the trainers belonging to the new MediPIET project into the training networks

## Target audience, seats and selection

The target audiences are:

1. Supervisors of EPIET and EUPHEM: main supervisors, co-supervisors and also those that support fellows in specific projects. They are mid-career and senior professionals in applied epidemiology and public health microbiology. (15 seats)
2. Mid-career and senior public health professionals, who are in a position of cascading training in-country or interested in becoming supervisors of EPIET and EUPHEM. Priority will be given to experts from the ECDC EU Network of Vaccine Preventable Diseases (15 seats, including 5 seats for the expert panel on Core competencies for VPD and immunisation)
3. ECDC experts (15 seats)
4. Experts from MediPIET (15 seats)

Selection of EPIET/EUPHEM supervisors was done through official invitation letters to the EPIET Training Site Forum and EUPHEM Training forum. The Coordinating Competent Body of each country were informed.

Selection of experts from the ECDC EU Network of VPD was done by the VPD Disease Programme, including experts from the Panel created for the development of core competencies in vaccine preventable diseases and immunisation.

In 2014, three additional seats were offered to members of the Young Forum Gastein scholarship.

## Learning objectives

Learning objectives and curriculum of the different sessions and activities are based on the ECDC Core Competencies for Public Health Epidemiologists and the Competencies for Public Health Microbiologists working in the areas of communicable disease surveillance and response in the European Union.

The train the trainer includes aspects of:

- Supervision/mentoring on the job
- Training (didactics)
- Communication
- Management (mentoring and tutoring)

## Format

Twelve different workshops, led by EPIET coordinators and other ECDC experts from different ECDC units, run in parallel during the four days. At the end of every day, a scientific seminar addresses one topic of interest for all the different target audiences.

Participative methods are used: lectures, peer learning, problem-based solving, case studies, role play and checklists to review fellows' scientific products (study protocol, report from outbreak investigation, scientific manuscript), group discussions and portfolio.

Prior to the start of the Summer School, participants receive the agenda and, for some workshops, recommendations for readings and preparation.

## **Project team, faculty and administration**

### **Scientific Coordination:**

- Carmen Varela Santos (Senior Expert, Group Leader Training Network Strengthening),
- Marion Muehlen (Scientific Coordinator EPIET),
- Arnold Bosman (Head of Section Public Health Training )

**Faculty:** Yvan Hutin (Head of EPIET), Aftab Jasir (Head of EUPHEM), EPIET and EUPHEM Scientific Coordinators, ECDC experts, senior supervisors from EPIET Training Site Forum (ETSF) and external experts

**MediPIET Project Team Leader:** Alena Petrakova

**Administration:** Liliya Todorova-Janssens (Quality management and accreditation); Jeannette de Boer and Cesar Velasco Munoz (Evaluation), Brenna Deckert and Ines Reulet (Secretariat) and Claudia Metz-Ruffer (Fellowship Programme Office)

## **Evaluation, certificates and accreditation**

The ECDC Summer School was evaluated using both qualitative and quantitative techniques. Participants were invited to complete individual and final evaluation on paper forms or online, and to suggest ideas for improvement of future editions during a final session. Final evaluation and Evaluations per workshop are collected in Appendix 1.

The Summer School 2014 has been awarded 24 European CME credits of accreditation under the European Accreditation Council for Continuing Medical Education (EACCME, see [www.eaccme.eu](http://www.eaccme.eu)). Trainers and participants received a certificate of participation.

Table 1. ECDC Summer School 2014 Schedule

	<b>Plenary 9:00-9:30</b>	<b>Parallel workshops 9:30-16:30</b>			<b>Seminars 16:45-17:30</b>	<b>Evening</b>
	<b>'What was new to me' wrap-up session</b>	<b>Induction workshops (new supervisors)  Track 1</b>	<b>Technical workshops  Track 2</b>	<b>Technical workshops  Track 3</b>		
<b>9 June Monday</b>	Boardroom  Welcome  ECDC Training Programmes' Agenda	Boardroom  01.The life of a supervisor: Mentoring, didactics and management	Room 335  06. From evidence to action in public health	Room 435  10.Vaccine immunology (1)	Auditorium  Seminar: "Polio eradication endgame: what are the stakes for Europe"	Free evening
<b>10 June Tuesday</b>	Auditorium  Wrap up session – what was new to me	Auditorium  02.Acquisition and Assessment of Skills and Competencies (a.m.)  03.Development of case studies (p.m.)	Room 335  07.Ethics in public health practice	Room 435  Vaccine immunology (2)	Room N315  Seminar: "It's time for ethics to enter the public health debate!"	Auditorium  18:00 - Official Dinner
<b>11 June Wednesday</b>	Auditorium  Wrap up session – what was new to me	Auditorium  04.Scientific writing: The argument matrix and abstract writing	Room 335  08. Preparedness for cross-border health threats (exchange of experience)	Room 435  11. VPD Core competencies Expert Panel	Auditorium  Seminar: "Social Marketing in Public Health"	Free evening
<b>12 June Thursday</b>	Auditorium  Wrap up session – what was new to me	Auditorium  05. Scientific review: Surveillance projects and operational research	Room 335  09. Economic assessment in public health	Room 233  12. Introduction to STATA for analysis of surveillance data	Auditorium  Evaluation	Free evening

## Workshops and their directors

1. **The life of a supervisor: Mentoring, didactics and management** – Marion Muehlen
2. **Acquisition and Assessment of Skills and Competencies** – Alicia Barrasa , Ioannis Karagiannis
3. **Development of case studies** – Lisa Jensen, Lisa Hansen
4. **Scientific writing: The argument matrix and abstract writing** - Yvan Hutin, Pawel Stefanoff
5. **Scientific review: Surveillance projects and operational research** - Yvan Hutin, Chris Williams
6. **From Evidence to Action in Public Health** – Arnold Bosman
7. **Ethics in public health practice** – Miguel Angel Royo and Peter Schroder
8. **Preparedness for cross border health threats** – Massimo Ciotti
9. **Economic assessment in public health** - Tek-Ang Lim
10. **Vaccine immunology** – Androulla Efstratiou and Aftab Jasir
11. **Core competencies for public health professionals working in vaccine preventable diseases and vaccination** – Ida Czumbel and Carmen Varela Santos
12. **Introduction to STATA for analysis of surveillance data** – Kostas Danis

## Seminars

**“Polio eradication endgame: what are the stakes for Europe?”**, by Dr Niklas Danielsson, senior expert ECDC, Monday 9 June

**“It’s time for ethics to enter the public health debate!”**, by Dr Peter Schroder and Dr Miguel Angel Royo Bordonada, co-chairs of ASPHER Working Group on Ethics, Tuesday 10 June

**“Social Marketing in Public Health”**, by Dr Senia Rosales Klintz, Professor at Department of Public Health Sciences, Karolinska Institute, Wednesday 11 June

## Results of general evaluation of the Summer School 2014

### Description of participants:

In 2014, 72 public health professionals participated, with four different profiles: 15 Supervisors of EPIET and EUPHEM: main supervisors, co-supervisors and also those that support fellows in specific projects.; 15 professionals from the MediPIET project, 14 Experts from the ECDC EU Network of Vaccine Preventable Diseases, 3 Young Gasteiners and 25 ECDC experts.

### Feedback from the general evaluation:

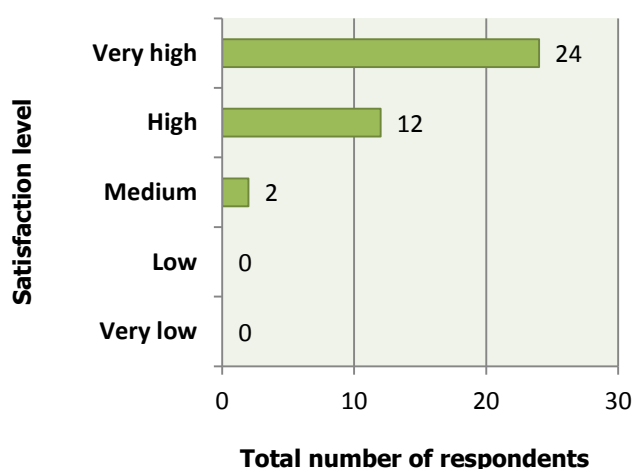
Total numbers of evaluation forms received from external participants: 38. Overall response rate: 38/47 ( 80%).

### Feedback on the content of the program:

We asked the participants to rate the whole Summer School 2014. The participants rated the summer school overall very high: 8,6.

The participants rated three aspects of the quality of the programme with a rating on a scale from 1 – 10. We made five categories: Very high [9/10], high [7/8], Medium [5/6] or Low [3/4] and Very low (1/2). The maximum rating possible was 10 for each aspect.

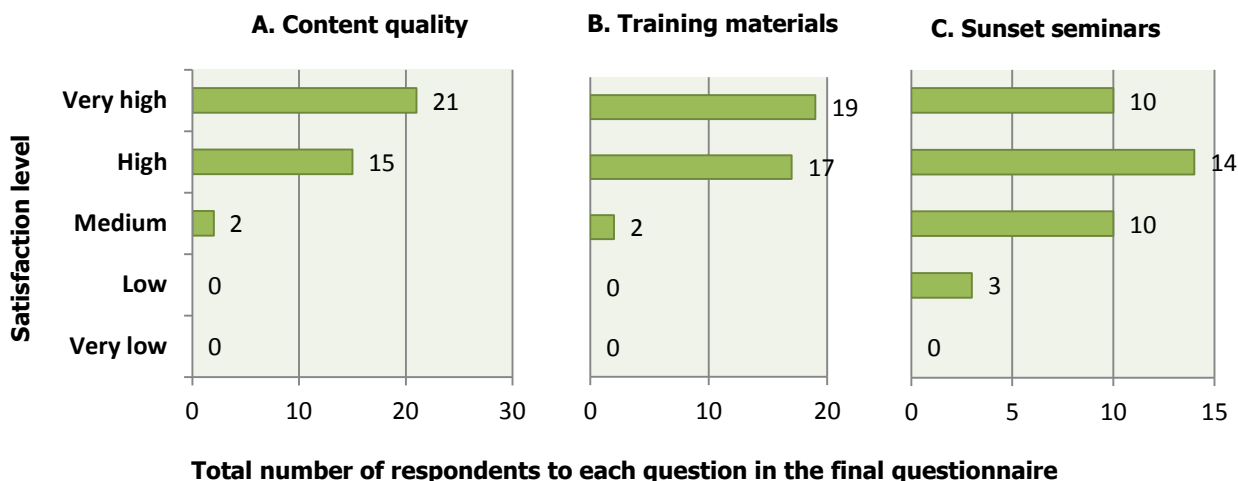
**Figure 1. Final questionnaire.** Overall quality rate.



The three aspects rated were:

- Rate the quality of the content: The average of all ratings was 8.5 (Figure 2. A)
- Quality and relevance of the training materials: The average of all ratings was 8.37 (Figure 2. B)
- Quality of the sunset seminars: The average of all ratings was 7.14 (Figure 2.C)

**Figure 2. Final questionnaire.** Quality of the programme evaluation.

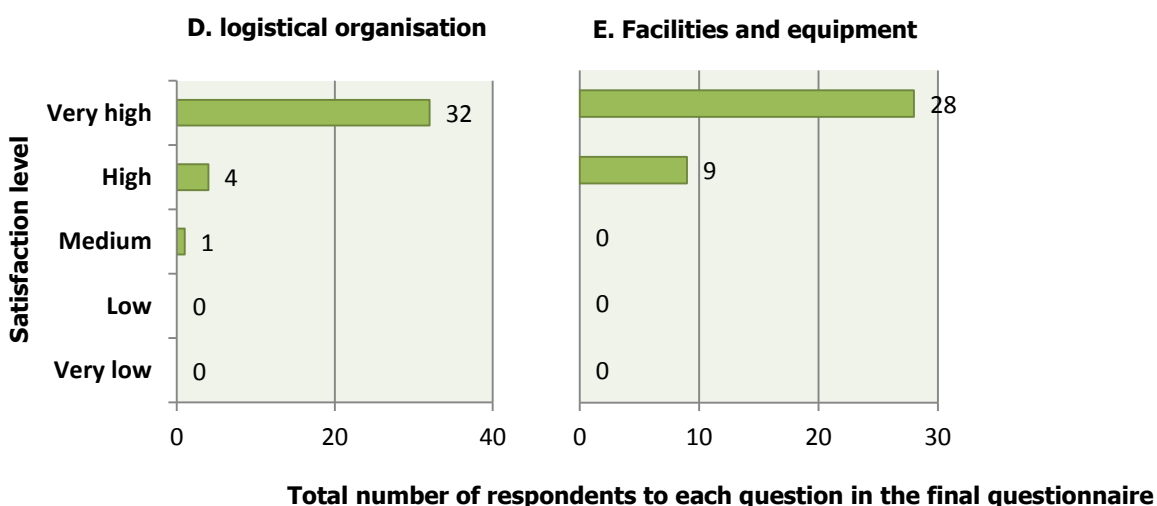


**Feedback on the organisation:**

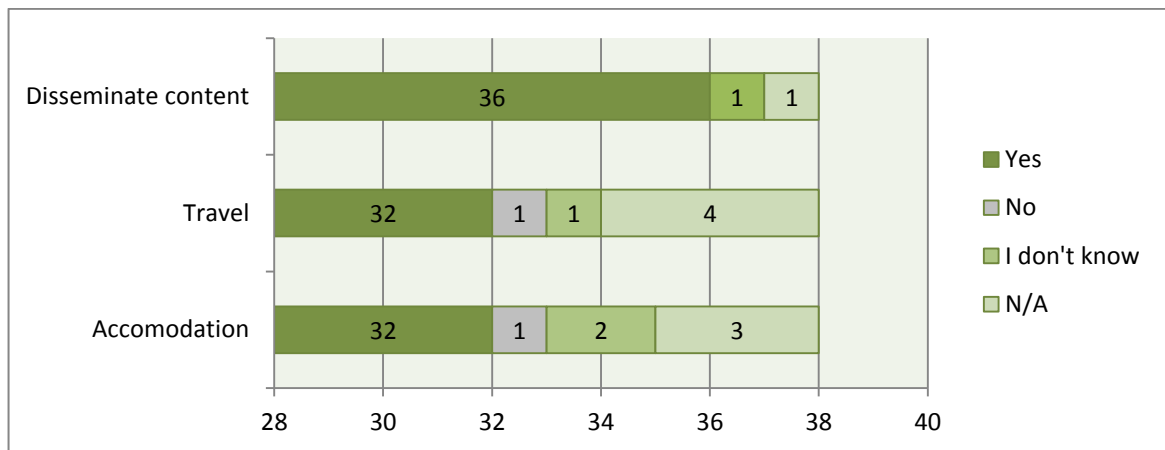
We asked about different topics regarding the organisation:

- The logistical organisation: the average of all ratings was 9.22 (Figure 3.D)
- The venue, in terms of facilities and equipment: the average of all ratings was 9.16 (Figure 3.E)
- The accommodation provided: 36 out of 38 participants (95%) were satisfied (Figure 4)
- The travel arrangements: 32 out of 38 participants (89%) were satisfied (Figure 4)
- Dissemination of the contents: 32 out of 38 participants (89%) were satisfied (Figure 4)

**Figure 3. Final questionnaire.** Quality of the organisation.



**Figure 4. Final questionnaire.** Were you satisfied with the content dissemination and quality of the organisation?



**Total number of respondents to each question in the final questionnaire**

**Feedback on dissemination of knowledge**

We asked whether the participants were planning to disseminate the knowledge they received during the summer school to professionals in their own institute.

The majority of the participants were very positive on this: 32 out of 38 participants are planning to disseminate the knowledge!

The second question on this topic was an open question, where we asked about the thoughts/ideas about the dissemination of the knowledge.

We show here some of the ideas participants came up with. All the ideas are listed in Annex

Most participants will share the knowledge and the materials with their direct colleagues through meetings. FEM Wiki was mentioned to be a very good way to disseminate knowledge to colleagues.

Some participants have plans to organize specific training meetings in their institute and in the different regions



## Results of the workshops

For every workshop we asked the participants to rate the workshop overall. All the workshops were rated from 8 and above, with an average of 8.65. In Table 2 we listed all the rates of the workshops.

**Table 2.** Average rating for the different workshops

	Average out of 10
Workshop 1	8.00
Workshop 2	8.00
Workshop 3	8.69
Workshop 4	9.17
Workshop 5	9.04
Workshop 6	8.50
Workshop 7	8.83
Workshop 8	8.30
Workshop 9	9.23
Workshop 10 Monday	8.15
Workshop 10 Tuesday	8.42
Workshop 11	8.83
Workshop 12	9.25
<b>TOTAL</b>	<b>8.65</b>

## Summary

In 2014, 72 public health professionals participated in the ECDC Summer School, with four different profiles: 15 Supervisors of EPIET and EUPHEM: main supervisors, co-supervisors and also those that support fellows in specific projects (they are mid-career and senior professionals in applied epidemiology and public health microbiology); 15 professionals from the MediPIET project, 14 Experts from the ECDC EU Network of Vaccine Preventable Diseases, 3 Young Gasteiners and 25 ECDC experts.

The Summer School was held at the premises of ECDC in Stockholm and delivered 12 different workshops plus 3 sunset seminars. The program was divided into 3 tracks: one track for supervisors in the EPIET/EUPHEM program, one track for experts in Vaccine Preventable Diseases (VPD) and one track with a focus on evidence for decision making in public health.

The overall rating of the Summer School was very high: 8.6. The content and the level of the workshops were well appreciated. For supervisors the workshops were very useful to get acquainted with the EPIET/EUPHEM program. The track on evidence for policy making in public health was a big success for external and for internal participants. All participants would recommend these workshops to their colleagues. For the VPD experts the workshops were an opportunity to update their knowledge on immunology and to discuss about the core competencies. The last workshop, using Stata for surveillance, was very well rated (9.2). Only the sunset seminars were less appreciated. The sunset seminars were placed at the end of the day. Although the topics were interesting some of participants found it too exhausting to have them after the workshops. There were suggestions to place the sunset seminars in the morning.

Most of the participants are planning to disseminate the knowledge from the ECDC Summer School to the colleagues in their institute and/or Member State. Some will share the materials; others will organize internal and even external meetings to train their colleagues in the institute or in the Member State.

Last but not least, the logistics were very well done. The travel, the accommodations, the information before and during the Summer School, all was conducted perfectly by the supporting team!

## Participants

Participants came from several countries:

EU Member States and EEU/EFTA countries: Austria, Belgium, Bosnia & Herzegovina, Croatia (2), Cyprus, Czech Republic, Denmark, France (2), Germany (3), Greece, Hungary, Ireland, Latvia, Lithuania, The Netherlands (2), Poland (2), Romania, Slovak Republic, Slovenia, Spain (5), Sweden and United Kingdom (4), Iceland and Norway (2).

MediPIET project countries: Albania (2), the former Yugoslav Republic of Macedonia, Serbia, Egypt, Jordan, Kosovo\* (2), Lebanon, Palestine and Tunisia (2)

Others: Canada, Trinidad and Tobago.

This list of countries also includes: MediPIET Liaison officer and scientific coordinator, EPIET/EUPHEM coordinators hosted in Public health Institutes and 3 Young Gasteiners.

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\* This designation is without prejudice to positions on status, and is in line with UNSCR 1244 and the ICJ Opinion on the Kosovo Declaration