



Annual exchange of views with ENVI Committee

# Review of 2011, priorities for 2012

Marc Sprenger, Director, ECDC

3 October 2011, Stockholm

# ENVI Committee of European Parliament visits ECDC, 1-2 September 2011



ENVI delegation visits ECDC's Emergency Operations Centre, 2 September  
Left to right:  
Pilar Ayuso MEP,  
Jo Leinen MEP,  
Marina Yannakoudakis MEP and  
Marc Sprenger (ECDC Director)



# ECDC working with the ENVI Committee



# Transparency about funding and financial interests



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Mission	<h2>Transparency</h2> <p>ECDC was established to provide the EU and its Member States with independent and authoritative advice on threats to human health from infectious diseases. We want our partners, and the general public, to be confident in ECDC's independence and excellence. ECDC therefore strives to be open and transparent about how we operate and how we are funded. On this page you will find information about ECDC's transparency and independence.</p> <h3>HOW IS ECDC FUNDED?</h3> <ul style="list-style-type: none"><li> <a href="#">ECDC Annual Budget 2010 (58 kB)</a></li><li> <a href="#">ECDC Annual Budget 2009 (58 kB)</a></li><li> <a href="#">ECDC Annual Budget 2009 - Overview of amendments ( 71 kB )</a></li></ul> <p><a href="#">Archive of financial documents from all previous years</a></p> <h3>ETHICS AND INTEGRITY</h3> <ul style="list-style-type: none"><li> <a href="#">ECDC Code of good administrative behaviour (3MB)</a></li></ul> <h3>DECLARATIONS OF INTEREST</h3> <ul style="list-style-type: none"><li><a href="#">Declarations of interest of Management Board members</a></li><li><a href="#">Declarations of interest of Advisory Forum members</a></li><li><a href="#">Declarations of interest of ECDC Senior Management Team</a></li><li> <a href="#">Annual declaration of interest of Director, Marc Sprenger</a></li></ul>
Agency structure	
Competent Bodies	
External experts	
Partnerships	
Job opportunities	
Procurement and grants	
Key documents	
Transparency	





# ENVI Committee of European Parliament visits ECDC, 1-2 September 2011

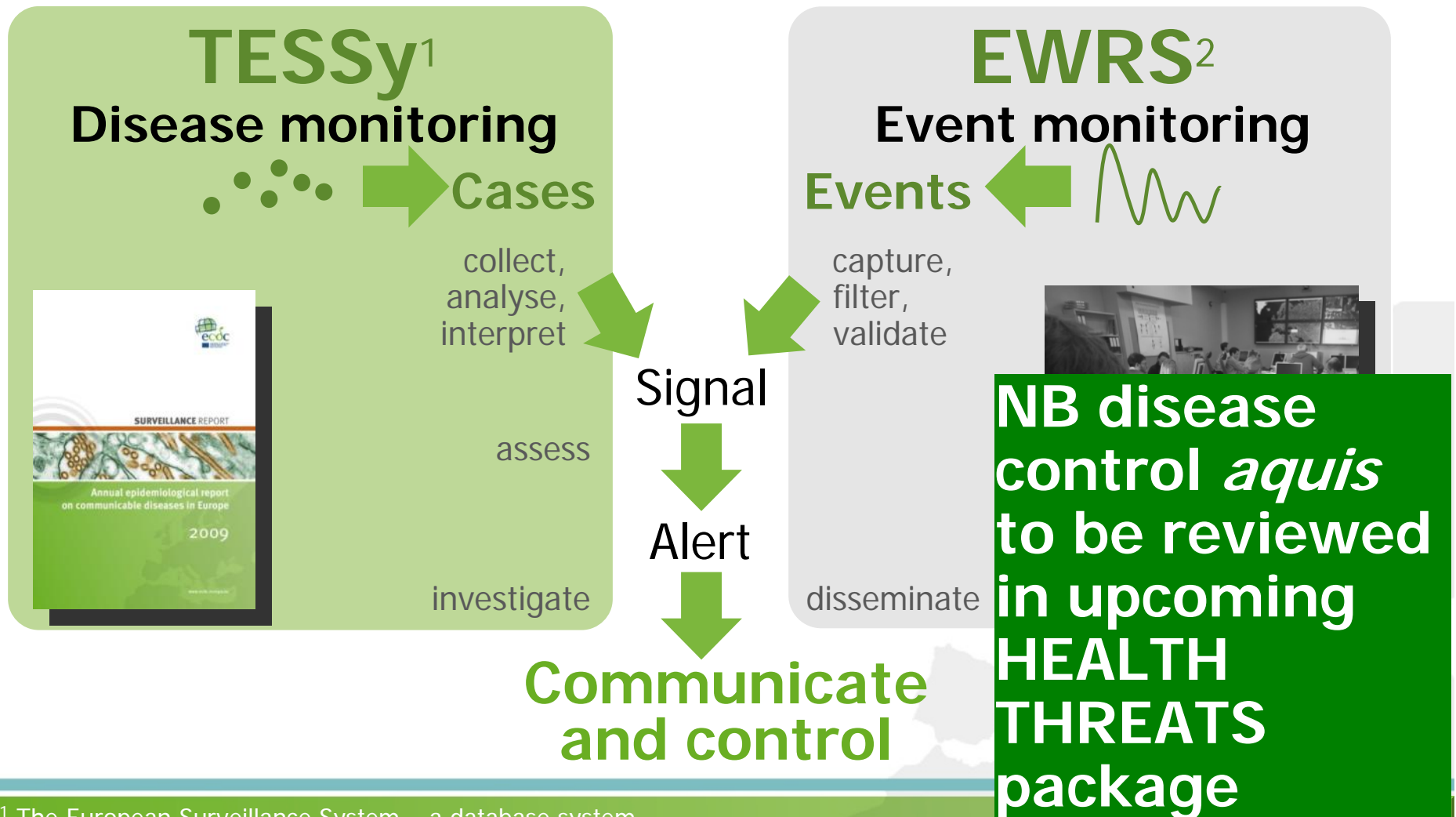


ENVI delegation participate in daily threat monitoring meeting in Emergency Operations Centre at ECDC

# EU disease and event monitoring: our health radar



Decision no 2119/98/EC and EU disease control *aquis* –  
Obligation to share data and alerts with EU partners



<sup>1</sup> The European Surveillance System – a database system

<sup>2</sup> Early Warning Response System

# Live health threats – 1 September 2011

# Legionnaires disease outbreak in Lazise, Italy



Identified cases of legionellosis



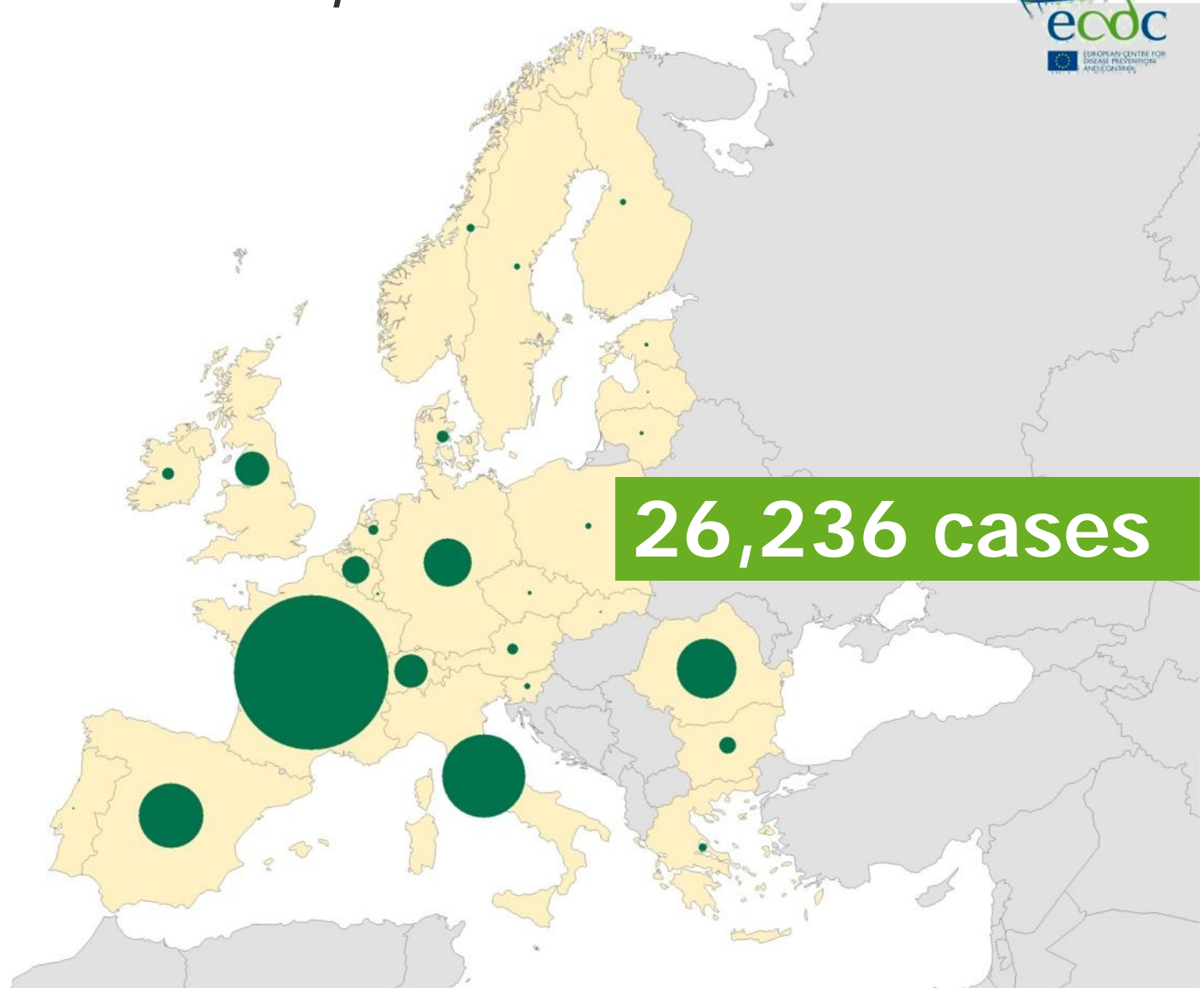


# Distribution of *P. vivax malaria* in Greece, June–August 2011



# Epidemics of measles, summer 2011

1  
10  
100  
1000  
10 000  
July



# Update on health threats – 3 October 2011

# Outbreak of Legionnaire's Disease in Lazise, Italy - no new cases reported since 8 September



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## Epi update on Legionnaires' disease outbreak in Lazise, Italy, July-August 2011

08 Sep 2011

Since 16 August 2011, 13 cases of travel associated Legionnaires' disease have been notified to the European Legionnaires' disease surveillance network (ELDSNet). All cases stayed at five different accommodation sites in the touristic town of Lazise, Italy, between 7 July 2011 and 31 August (last departure).

The cases are residents from five EU countries, being the Netherlands (7 cases), Italy (2 cases), Austria (1 case), Germany (2 cases) and Denmark (1 case). The average age of the cases is 55 years (min 42-max 78) and the gender distribution is 11 males /2 females. Precautionary control measures such as hyperchlorination and switching off of all aerosol producing devices (spa pools, decorative fountains, sprinklers) have been taken.

Legionnaires' disease is a potentially fatal infectious disease which tends to be under-diagnosed and under-reported. Early treatment of patients is important and health care providers should be reminded to consider this disease when ascertaining patients presenting with pneumonia, to enquire about recent travel, and to notify the relevant public health authorities of their country.

Considering the size of this cluster, ECDC prepared a [rapid risk assessment](#).





# Distribution of *P. vivax malaria cases* in Greece, 26 September 2011



# Epidemics of measles and vaccine coverage (2009 data\*), August 2011

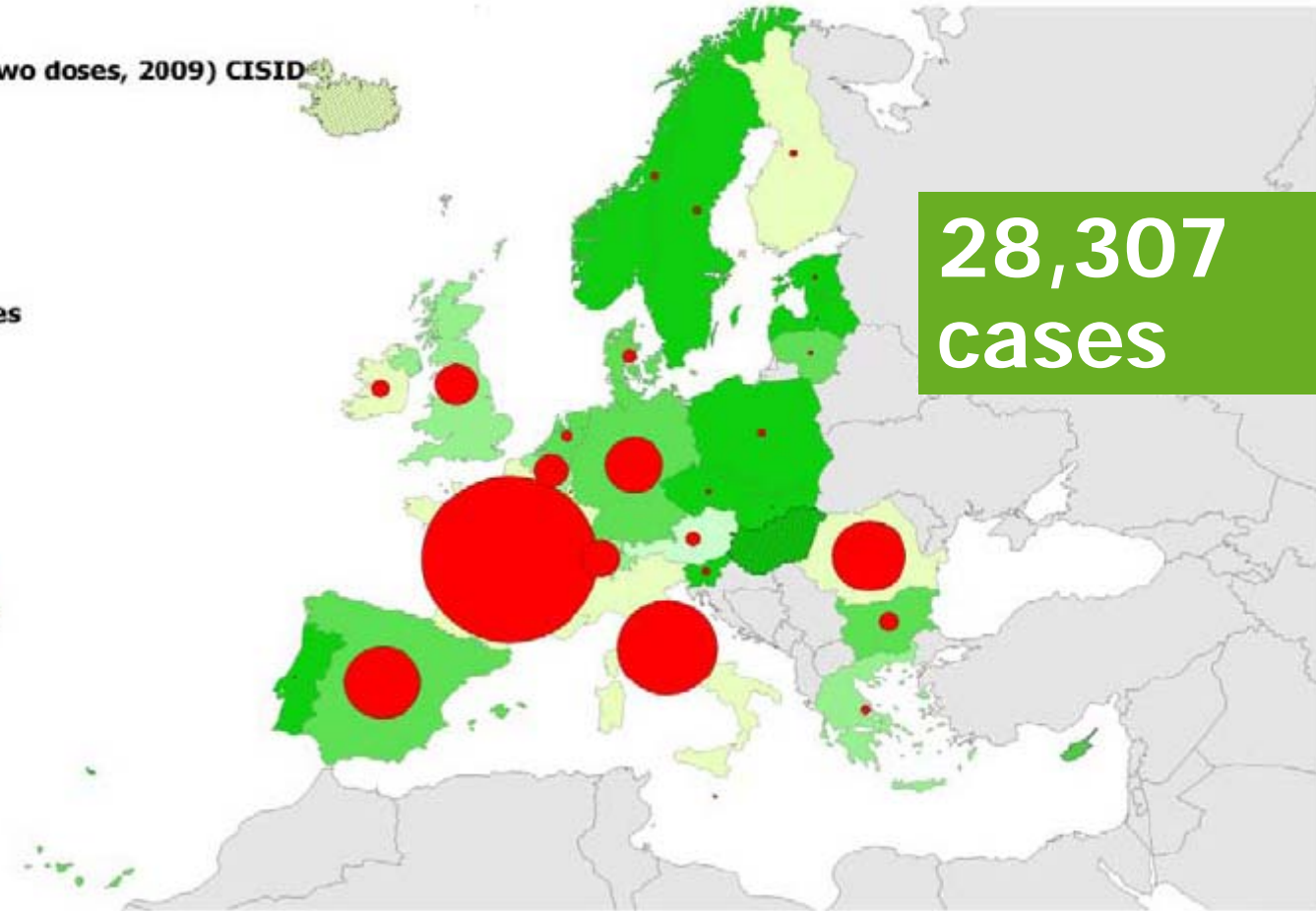
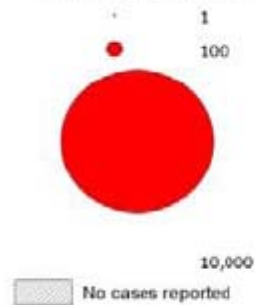


Measles vaccine coverage (two doses, 2009) CISID



Number of cases

Cumulative number of cases



28,307 cases

ECDC, 2011 / ESRI / CISID, EUVAC, epidemic intelligence

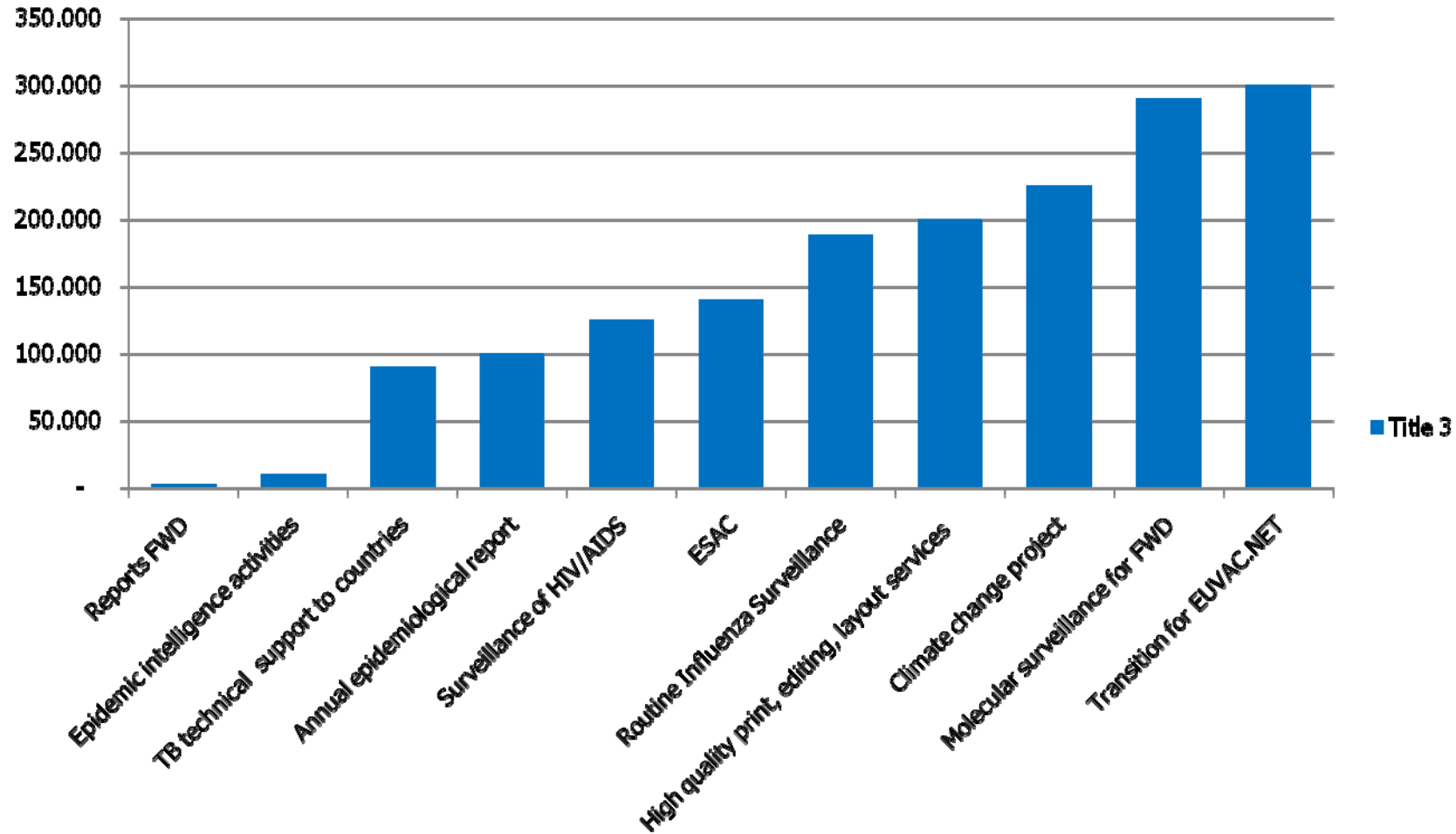
\* Coverage figures (%) are official national figures reported via the annual WHO/UNICEF Joint Reporting Form and WHO Regional Offices reports (as of 1 September 2011).

# Review of 2011

# Cost of ECDC activities looking at just operational budget (Title 3)

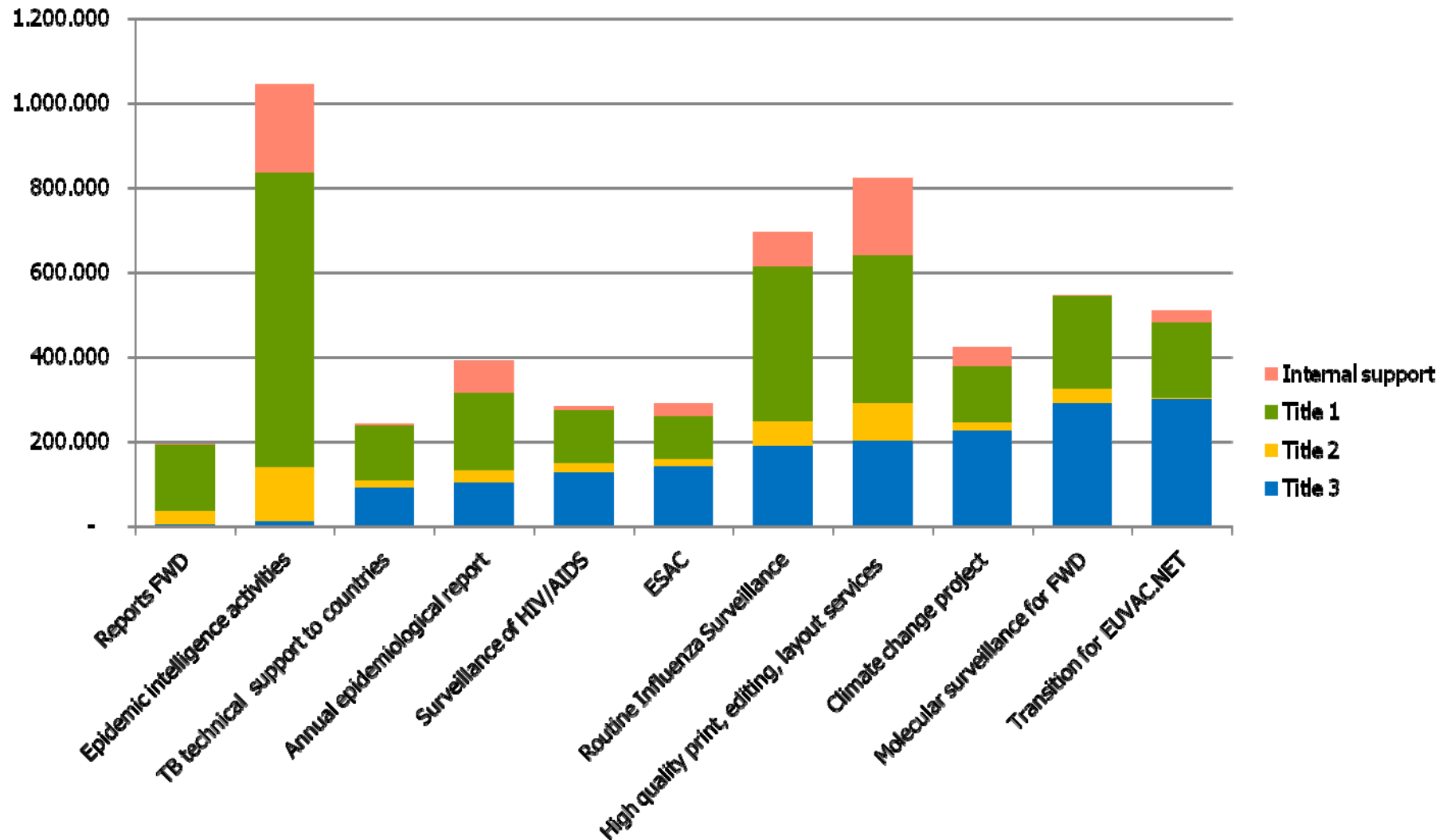


## Title 3

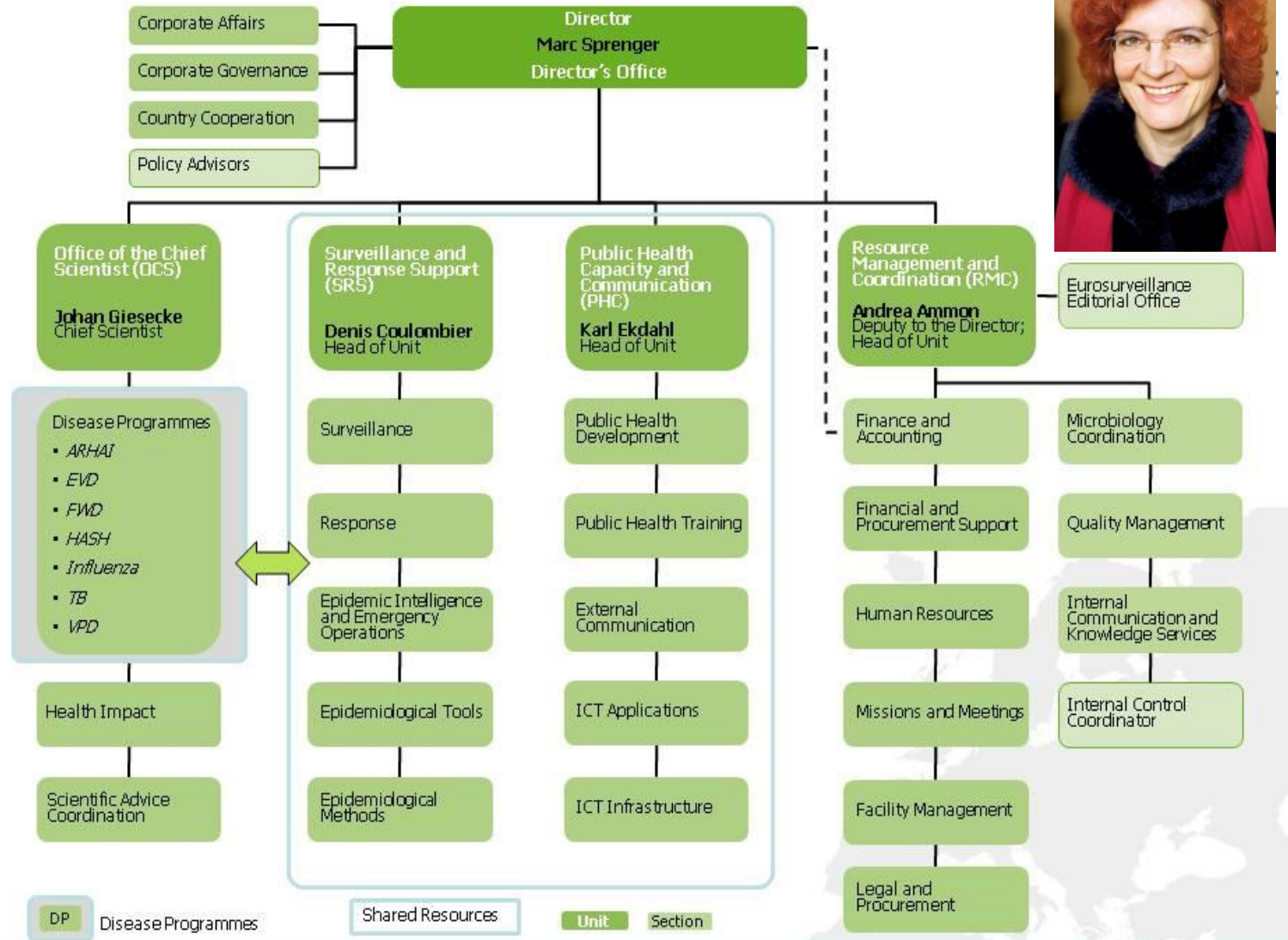




# Activity based budgeting – a more complete picture of costs

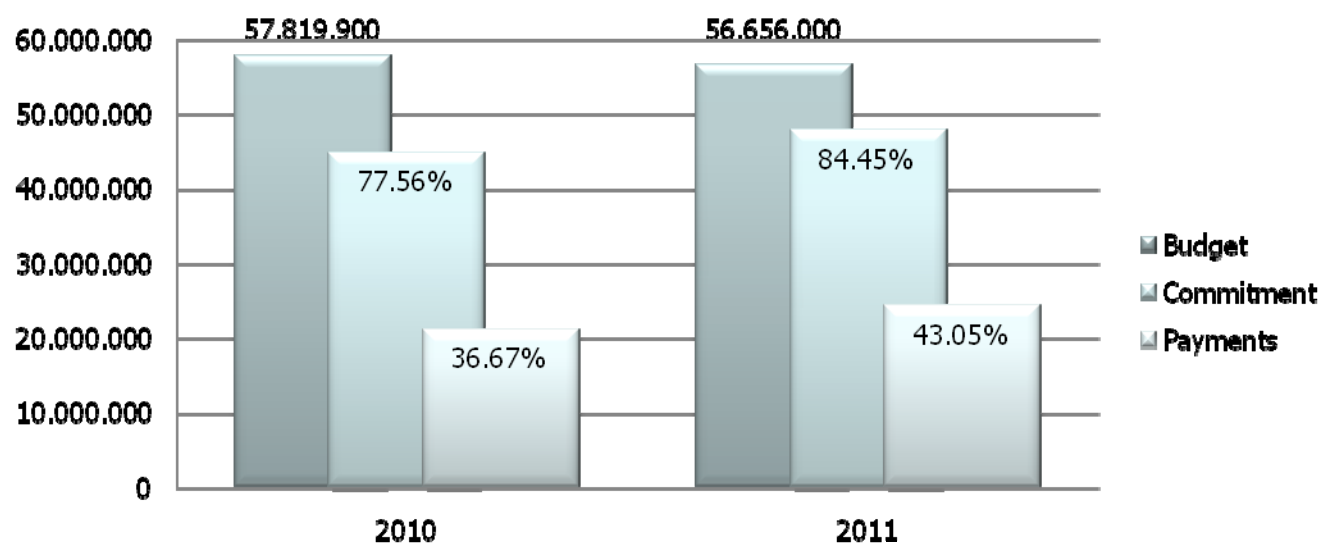


# New organisational chart since April



Dr Andrea Ammon (pictured) became Deputy to the Director in April

# Budget execution Aug 2011 versus Aug 2010



Commitments	44.85 M	46.01 M
Payments	21.20 M	24.28 M



# Laboratories



Source: ECDC





# Laboratory guidance and support during EHEC/STEC outbreak in Germany



- ECDC gave guidance for case detection by clinical laboratories
- ECDC coordinated distribution of *E. coli* O104:H4 control strains and antisera to FWD reference laboratories in EU/EEA.

A screenshot of the ECDC website's 'Health Topics' page. The page has a green navigation bar at the top with links for Home, About Us, Activities, Health Topics (selected), Publications, and Media Centre. Below the navigation bar, a breadcrumb trail reads: 'You are here: ECDC Portal > English > Health Topics > Escherichia coli (E.coli) > Laboratory resources > Diagnostic guidance'. On the left side, there is a vertical menu with links: What's new, Basic facts, Epidemiological data, Risk assessments, Prevention measures, Laboratory resources, Diagnostic guidance (highlighted), Clinical reference information, and External sites. The main content area is titled 'Diagnostic guidance' and contains the following text:

**Diagnostic work-up of suspected STEC enteritis and HUS cases related to the ongoing outbreak of STEC O104:H4**

Guidance adapted from "EHEC O104:H4 – Aktualisierte Hilfestellungen des RKI zur Diagnostik" published by the Robert Koch-Institut, Germany:

[Aktuelle Hinweise und Hilfestellungen des RKI zur EHEC-Diagnostik, Stand: 07. Juni 2011](#)

**EHEC O104:H4: Microbiological characterisation**

**INDICATIONS FOR LABORATORY INVESTIGATION**

The following situations would indicate a need for a microbiological investigation of a stool sample:

1. Diarrhoea and visible blood in the stool OR
2. Haemolytic uremic syndrome

In persons who have travelled to Germany in the period starting from May 1<sup>st</sup>, 2011 OR have been in close contact to a patient with HUS or STEC diarrhoea after recent travel to Germany

**RECOMMENDATIONS FOR LABORATORY DIAGNOSIS**

The most important diagnostic characteristic is the ability of the *E. coli* strain to produce the Shiga toxin Sbx2. Therefore, the stools should be assayed with a sensitive and specific test that detects the toxin gene *stx2* or the isolation of the pathogen with detection of Sbx2 production or the gene encoding it. The

# Childhood TB in EU, 2011

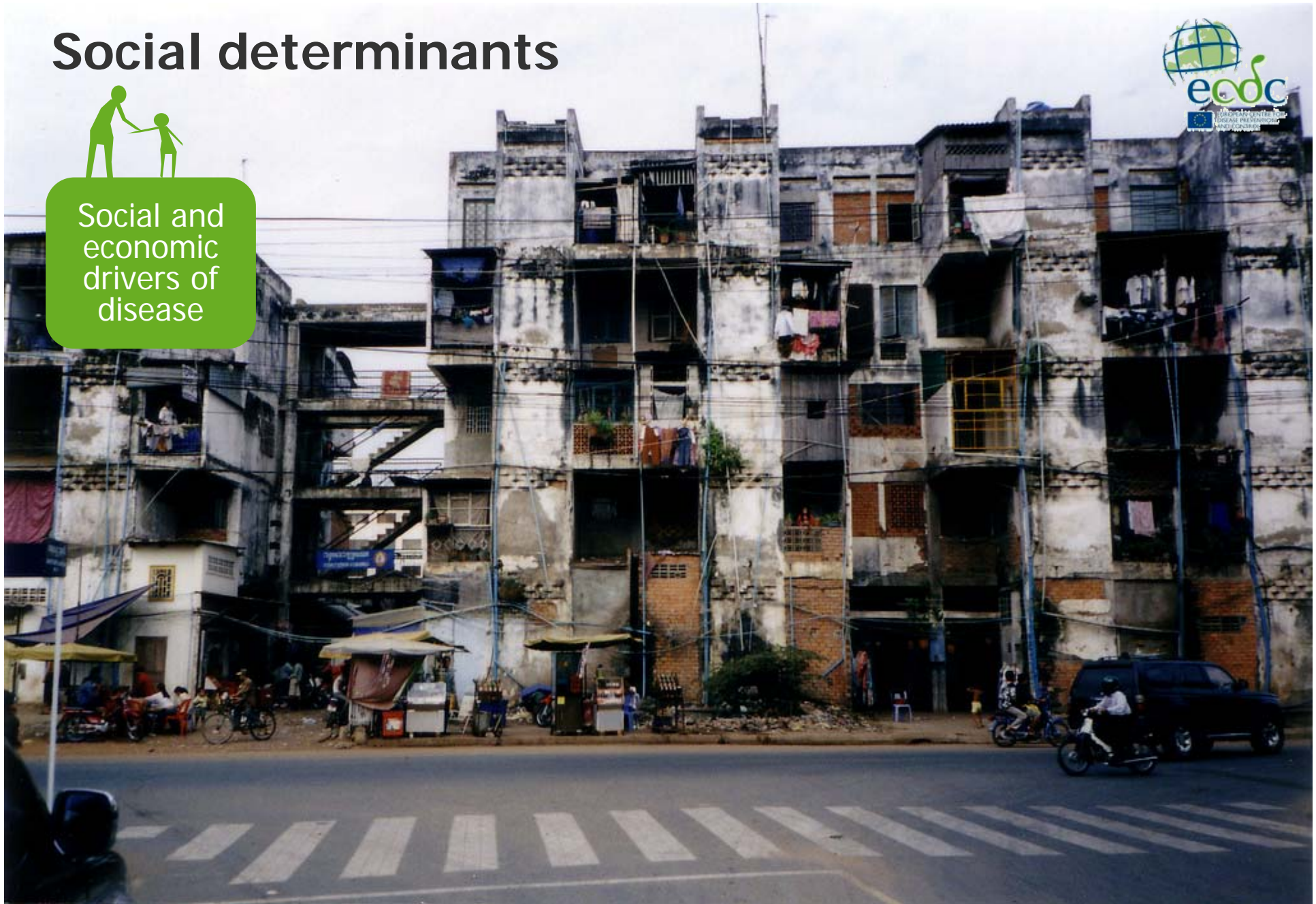




# Social determinants



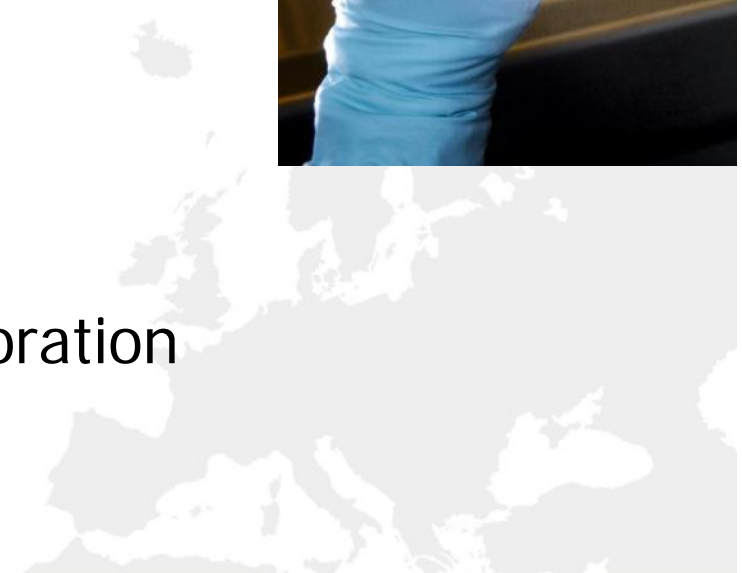
Social and economic drivers of disease



# ECDC priorities for 2012



- **Measles elimination – “theme of year”**
- Health inequalities/migrants health
- Reference laboratories
- Assessment tool for candidate countries
- Evidence-based medicine
- Contribution to AMR/HAI networks
- Evaluation strategy
  
- Organisational efficiency
- More sustainable and focused collaboration with stakeholders
- Strengthening of ECDC visibility





# Epidemics of measles and vaccine coverage (2009 data\*), August 2011

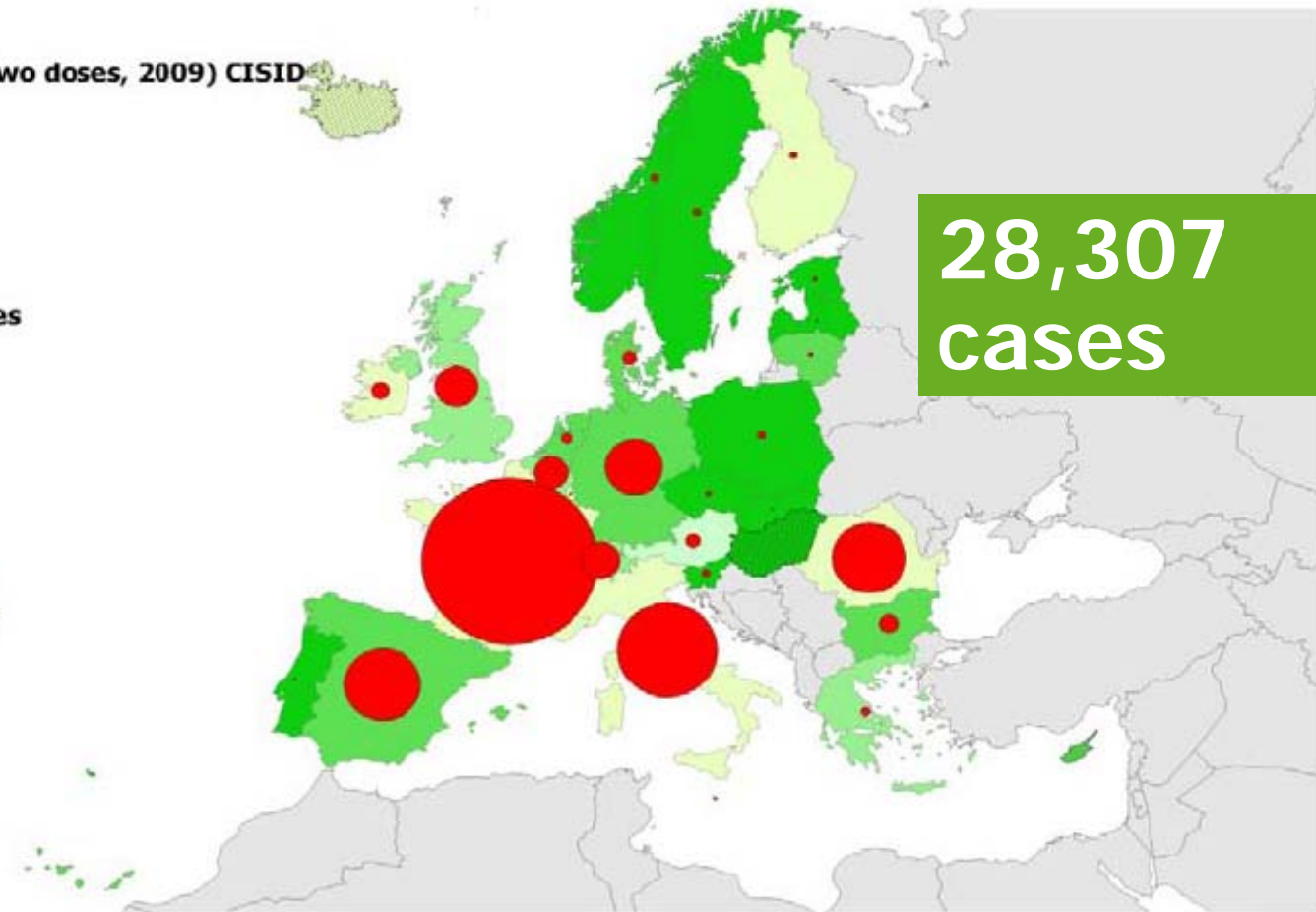
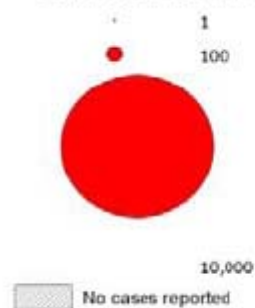


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# Making ECDC's evidence available to ENVI – seminars in Parliament



- 10 October                      Dagmar Roth-Behrendt MEP will host a DG SANCO/EFSA/ECDC seminar on animal-to-human diseases (16.30 – 18.30 Room A3-H1)
- 22 November                    Karin Kadenbach MEP and Marina Yannakoudakis MEP will host an ECDC briefing on influenza and influenza immunisation (13:00-14:00 with buffet from 12:30)
- 30 November                    Marina Yannakoudakis MEP host ECDC World AIDS Day seminar



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@ECDC\_MSprenger Stockholm  
Twitter channel of the Director of the European Centre for Disease Prevention and Control  
[http://ecdc.europa.eu/en/aboutus/organisation/Director\\_ECD...](http://ecdc.europa.eu/en/aboutus/organisation/Director_ECD...)

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 **EMCCDA** EMCCDA  
Seven interventions, one aim: no infections. New joint ECDC/EMCCDA guidance — available 12 October. More information: [pic.twitter.com/VOAik7kN](http://pic.twitter.com/VOAik7kN)  
21 hours ago

 **ECDC\_MSprenger** Marc Sprenger  
#ECDC Advisory Forum tomorrow will discuss communicable #disease focusing on #microbiology [bit.ly/nkS6NQ](http://bit.ly/nkS6NQ) #AF  
27 Sep

 **ECDC\_MSprenger** Marc Sprenger  
Preparing for 2011 #IANPHI meeting. I will discuss how to strengthen #publichealth infrastructures [bit.ly/qmDf7g](http://bit.ly/qmDf7g) #Helsinki  
26 Sep

 **ECDC\_MSprenger** Marc Sprenger  
European Respiratory Society & #ECDC initiated the development of the EU/EEA Standards for #Tuberculosis Care [bit.ly/o7smrQ](http://bit.ly/o7smrQ) #TB #EU





# ECDC's core values



**We aim to be:**

- service minded
- quality driven
- one team

- Budget 2011: EUR 56.6 million
- Staff: 270 (establish. plan 300)
- 26 EU nationalities are represented