



2014-2020 EU HEALTH PROGRAMME CONFERENCE

BRUSSELS
30 SEPTEMBER 2019



Consumers, Health,
Agriculture and Food
Executive Agency



Objective 2

'Protect Union citizens from serious cross-border health threats'

Parallel Session II





Objective 2

'Protect Union citizens from serious cross-border health threats'

Parallel Session II



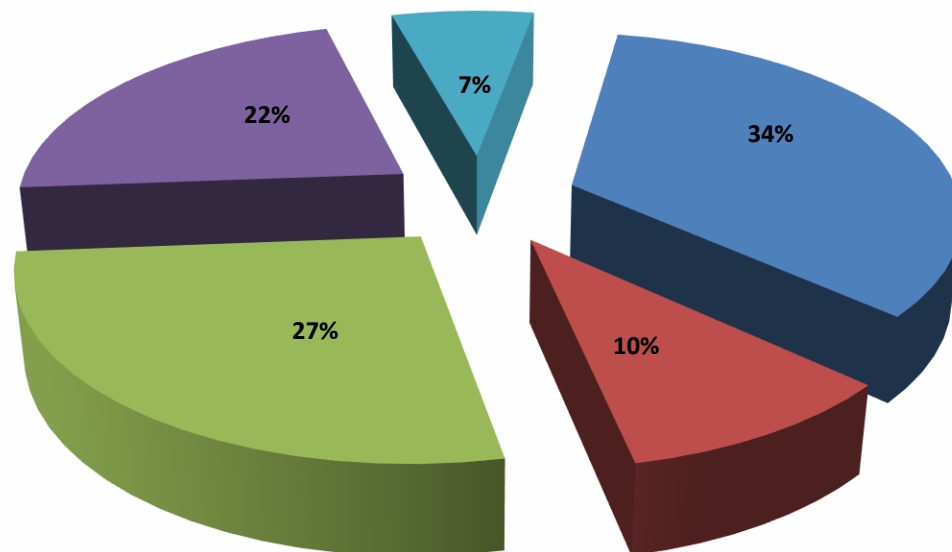
Chair: **John F. Ryan**, DG SANTE, European Commission

Co-chair: **Dirk Meusel**, Chafea

- Preparedness and Response: **Daniela Jacob**, Robert Koch Institute, Germany
- Preparedness and Response: **Raquel Duarte-Davidson**, Public Health England, United Kingdom
- Preparedness and Response: **Mika Salminen**, National Institute for Health and Welfare (THL), Finland
- Vaccination: **Geneviève Chêne**, INSERM, France
- Communicable Diseases: **Dorthe Raben**, Rigshospitalet, University of Copenhagen, Denmark

Objective 2: Protecting Union citizens from serious cross-border health threats

Budget allocation by objective 2014 - 2018



- 1. Promoting health and preventing diseases and foster supportive environments for healthy lifestyle
- 2. Protecting Union citizens from cross-border health threats
- 3. Contributing to innovative, efficient and sustainable health systems
- 4. Facilitating access to better and safer healthcare for Union citizens
- Horizontal actions



Objective 2: Main activities

**EU Funding:
€ 29 million**

Top table exercises, workshops and events to support the implementation of the Decision 1082/2013/EU on serious cross-border threats to health
€ 1.4 m

Conferences organised by the European Commission

2019 Global Vaccination Summit
2015 Ebola epidemic in West Africa

Data 2014 - 2018

EU JAV: Vaccination € 3.5 million

EMERGE: Efficient response to highly dangerous and emerging pathogens
€ 3.5 million

INTEGRATE: JA on HIV, viral hepatitis, tuberculosis and sexually transmitted infections
€ 2 million

EU Healthy Gateways
Preparedness and actions at points of entry: air, maritime and ground crossing
€ 3 million

SHARP: Strengthened International Health Regulations and Preparedness in the EU
€ 7.9 million



European
Commission

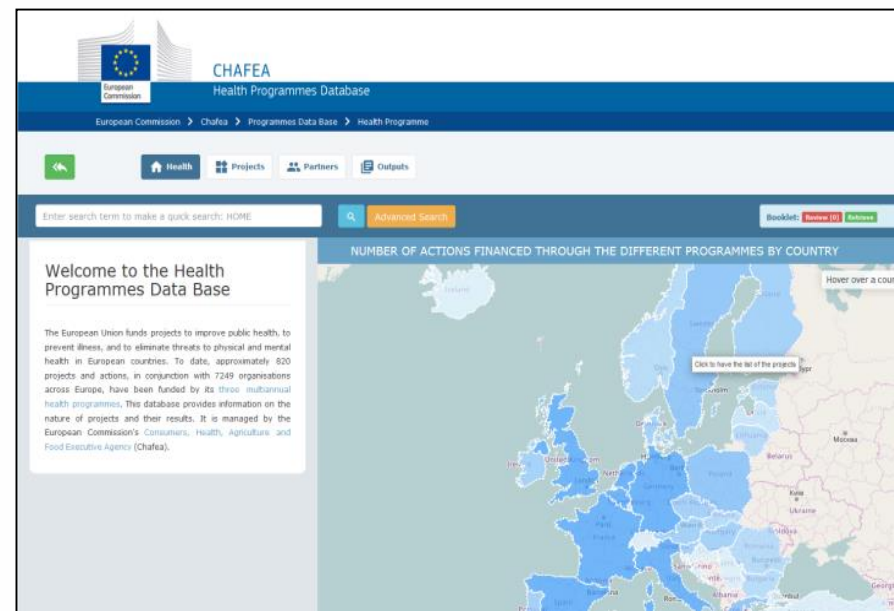


Useful links

European Commission Directorate-General for Health and Food Safety (SANTE) website
https://ec.europa.eu/health/home_en

Chafea Website
https://ec.europa.eu/chafea/health/index_en.htm

Chafea Project Database (2003-2019):
https://webgate.ec.europa.eu/chafea_pdb/health/





Objective 2

'Protect Union citizens from serious cross-border health threats'

Preparedness and Response



Daniela Jacob

Robert Koch Institute, Germany



Session 2 “Protect Union citizens from serious cross-border health threats”

Daniela JACOB

Centre for Biological Threats and Special Pathogens,
Deputy Head - Highly Pathogenic Microorganisms (ZBS 2)
Robert Koch Institute, Germany

**Joint Action on
“Efficient response to highly dangerous
and emerging pathogens at EU level
EMERGE”**



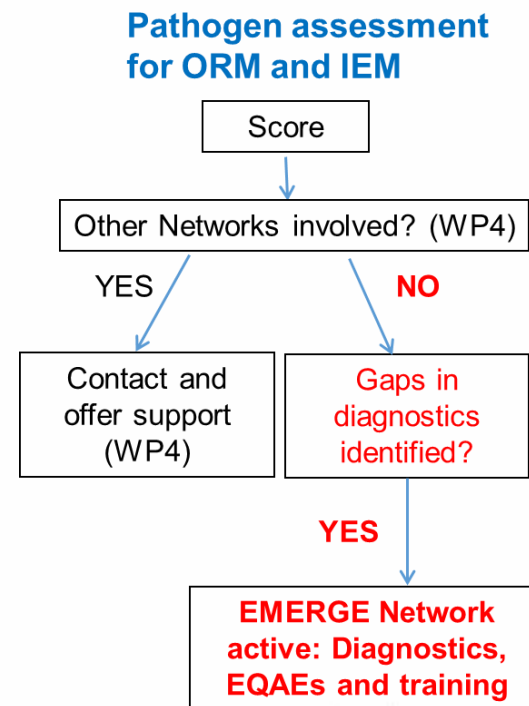
Action: content and objective

- **Networking:** Networking of European laboratories designated for the detection of highly pathogenic bacteria and viruses requiring high containment facilities
- **Laboratory capabilities:** Improving capabilities for rapid laboratory diagnosis of new or emerging pathogens
- **Quality Assurance:** For laboratory diagnostics on highly pathogenic bacteria and viruses – External Quality Assurance Exercises (EQAE) at EU-level due to the lack of national capacities

Action: results

➔ Consolidation of the well known and internationally accepted laboratory network 7 Work Packages with 32 Deliverables (D)

- D1.5 Plan for Transition from Inter-epidemic Mode (IEM) to Outbreak Response Mode (ORM)
- D4.2 Publication survey on Ebola laboratory response
- D5.2 List of laboratory capabilities
- D6.1 External Quality Assurance Exercises (EQAE)
 Algorithm for Prioritization of High Consequence Pathogens
- D6.3 Biorisk check list (ECL)
- D7.1 Training of personnel



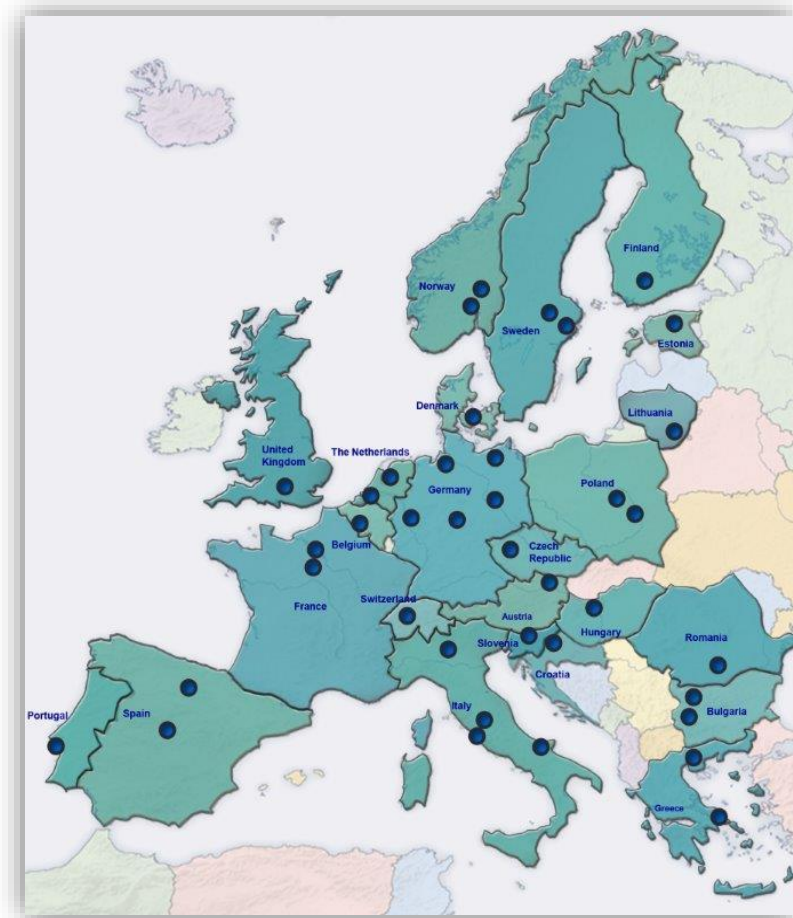
Action: uptake and follow-up

EMERGE: 38 Partners
24 European countries
22 EU Member States / 2 EEA/EFTA States

➔ **Identification of the requirement for maintenance and development of adequate proposals**

Future sustainability through:

SHARP: Strengthened International HeAlth Regulations and Preparedness in the EU (2019-2021) coordinated by THL, Finland





Action: benefits for EU citizens

- Extreme benefit for laboratories with regard to diagnostics procedures, access to reference material, training of personnel due to networking at European level
- Improvement of Biosafety and Biosecurity (European Checklist - ECL)
- First outlines for supportive activation of a complex laboratory network in case of biological emergent events through the European Commission preparedness and response, part of International Health Regulation
- **Concrete and substantial input to protecting EU citizens from serious cross-border health threats**



Objective 2

'Protect Union citizens from serious cross-border health threats'

Preparedness and Response



Raquel Duarte-Davidson

Public Health England, United Kingdom



Overview of activities to prepare and respond to EU cross border chemical health threats

Raquel Duarte-Davidson

Head of the Chemicals and Environmental Effects Department of Public Health England's Centre for Radiation, Chemicals and Environmental Hazards (CRCE), United Kingdom.





Action: content and objective

- **Prevention**

- Support the implementation of Decision 1082 & IHR in EU Member States, EEA and neighbouring countries. Support development of core capacities and increase standards in MS's.
- Promote interoperability of preparedness plans between MSs and ensure linkages with relevant EU projects and policies.

- **Detection**

- Facilitate sharing of best practices and approaches to surveillance.
- Develop and support the use of reporting and notification systems.
- Promote awareness of chemical health threat preparedness and response in a range of sectors and facilitate information sharing.

- **Response**

- Improve preparedness and response planning for serious cross border chemical health threats.
- Support development of plans, standard operating procedures and mechanisms.
- Support sharing of best practices and synergistic approaches.



Action: results

Collaboration

- Best practice methods for chemical surveillance
- Sharing of best practice between MSs on chemical preparedness & response
- Sharing of best practice between Points of Entry POE on chemical preparedness & response
- Collaboration and networks for a rapid assessment of chemical incidents

Development of training

- Training of a broad range of stakeholders to ensure that there is a wide understanding of chemical preparedness & response. Taking on board comments from stakeholders to ensure that methodologies and mechanisms incorporate a range of requirements.

Development of tools

- Rapid Risk Assessment methodology and tool
- A chemical assessment tool for use at PoE

Development of resources and guidance

- Ensuring that guidance documents and SOPs are produced to help with dissemination of outputs and their implementation

Development of exercises

- Ensuring that methodologies and mechanisms are fit for purpose and can be implemented successfully

Action: uptake and follow-up

- Uptake of the Rapid Risk Assessment methodology for chemical health threats via the SCHEER Committee
- Production of guidance for chemical preparedness and response at ports



Addressing gaps and broadening scope

- All Points of entry
- IHR implementation and core capacities beyond the Decision
- Linkage of sectors & organisations





Action: benefit for EU citizens

Through Healthy Gateways and SHARP, gaps identified can be addressed and the scope widened to all Points of entry and further improvement of core capacities for IHR and the Decision

Greater awareness and linkage across multiple sectors improves standards of health protection preparedness and response with respect to chemicals.

Mechanisms established and functioning for detecting and responding to chemical events or emergencies

Enabling environment in place for management of chemical events

The tools and methodologies have been applied to a wider range of incidents via EMETNET.

Guidance and training has been provided on chemical health protection at ports via Shipsan Act.

A mechanism is now in place through the SCHEER Committee to provide a rapid risk assessment in the case of a cross border chemical health threat.



Objective 2

'Protect Union citizens from serious cross-border health threats'

Preparedness and Response



Mika Salminen

National Institute for Health and Welfare (THL), Finland



Session 2 “Protect Union citizens from serious cross-border health threats”

Professor Mika SALMINEN

Deputy Director, Finnish Institute for Health and Welfare

SHARP

Strengthened International **He**alth
Regulations & **P**reparedness in the EU

EU Joint Action



Action: content and objective

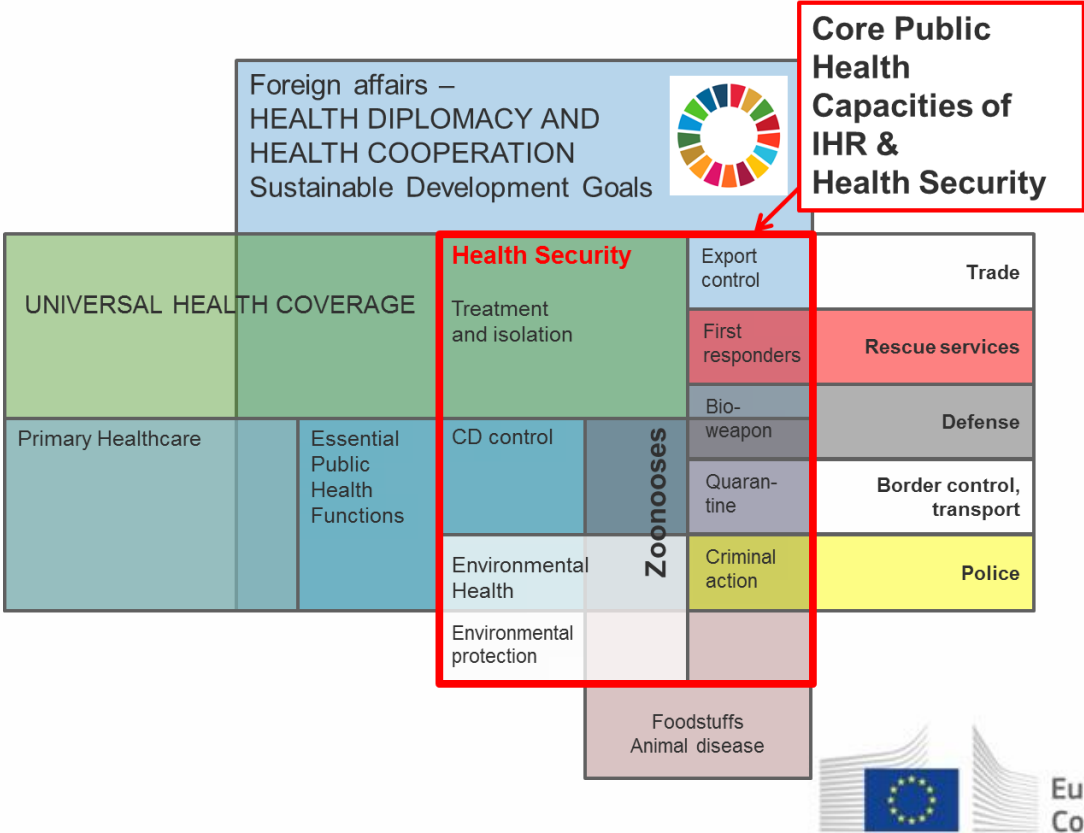
SHARP

- The SHARP Joint Action will strengthen implementation of **Decision 1082/2013/EU on serious cross-border threats to health** and support the EU level preparedness and responses to health threats and the implementation of the **International Health Regulations (2005)**.
- Through this SHARP JA, the member and partner states and the Unions common ability to **prevent, detect and respond to biological outbreaks, chemical contamination and environmental and unknown threats to human health will be strengthened**.
- Special efforts will be employed to **fill gaps in priority countries**, i.e. countries that have biggest gaps in the capacity required for full IHR capability.

Action: expected results

- SHARP will support partners and member states to strengthen their essential public health capacity
- The capacities are highly multisector dependent
- It has been estimated that the contribution of preventive measures on decreased disease burden and increased life expectancy is 80%
- Healthcare service contribution is 15-20%

SHARP





Action: uptake and follow-up

-  22 Associated EU MS partners
-  4 Associated partner countries
-  4 Collaborating partner countries

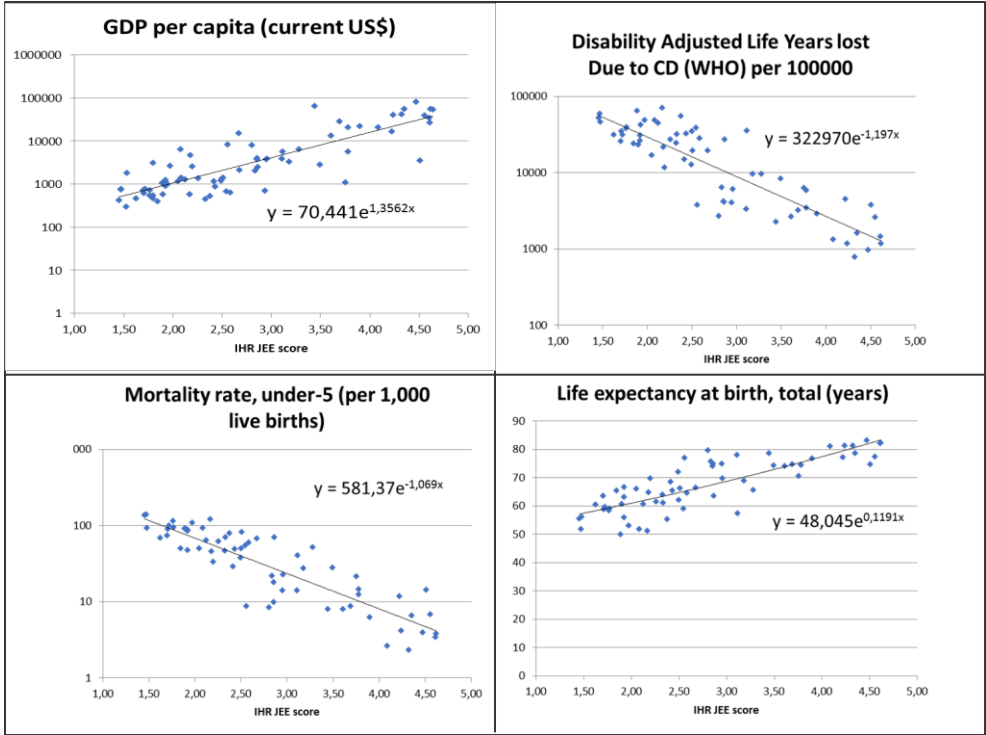
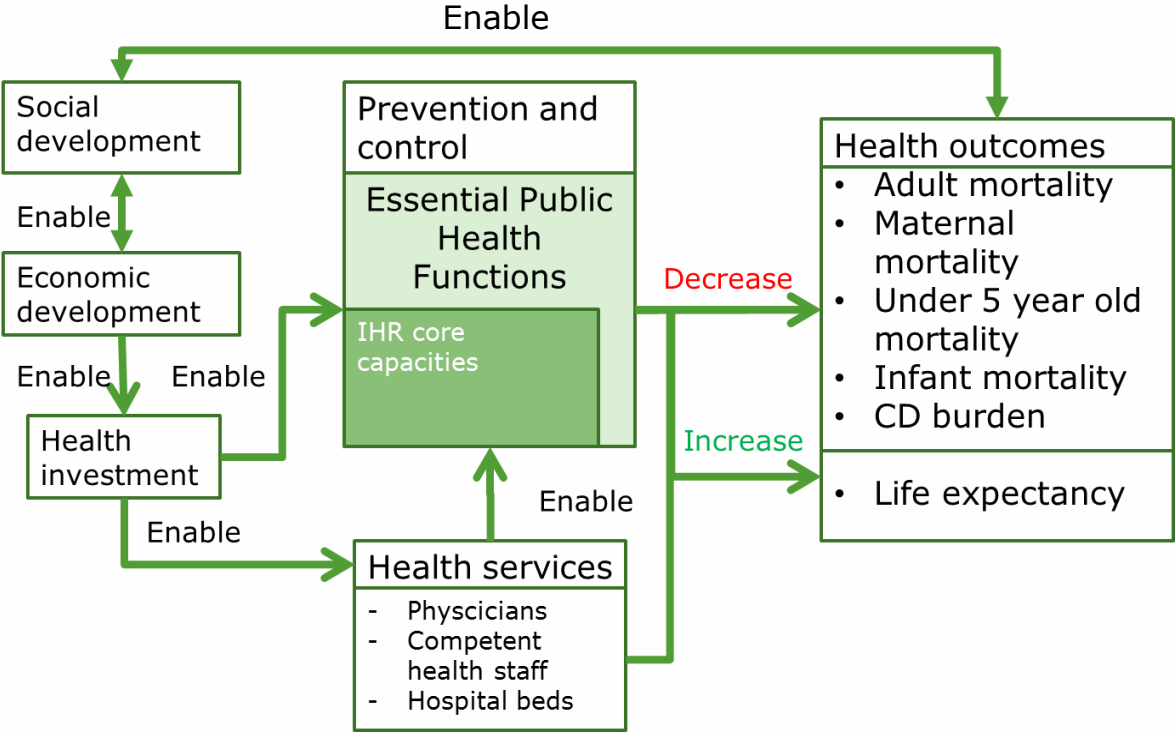
- Main partners: e.g National Public Health institutes or MoH
- In addition, **33 affiliated entities** and **9 collaborating partners** from the participating countries (e.g. Universities, gov. research institutes)
- **Full partnership of 30 countries**
- **26 + 33 + 9 = 68 participants**
(9 with own funding)

SHARP



Action: benefits for EU citizens – the good cycle of wellbeing and growth

SHARP





Objective 2

'Protect Union citizens from serious cross-border health threats'

Vaccination



Geneviève Chêne

INSERM, France



Joint action on vaccination

- Cooperation to increase ***confidence***
- ***Synergy*** between experts, the public and policy makers
- ***Research priorities*** for sustainable immunization programs



Session: Protect Union citizens from serious cross-border health threats

Geneviève CHENE
Coordinator, JAV, Inserm

EU-Joint action on vaccination



20 partners
3 years
(2018-2021)



Action: results (2018-19, increasing knowledge)

Stakeholders mapping and analysis

460 national and 53 international stakeholders identified by 17 partner
Most frequent categories: health professionals, national authorities, citizens

Previous experiences with vaccine shortages in EU, 2016-2019

19/21 countries: at least one shortage/stockout event (overall, 115 events)
23 events causing disruption of immunisation service, med duration 5 months
Most frequently involved vaccines: Diphteria, tetanus, hep B, hep A, BCG

Research priorities setting for funding bodies

4 vaccine-preventable diseases as pilots: measles, pertussis, HPV, Influenza



Action: uptake and follow-up

Interoperability harmonisation of immunisation information system

Pilot platform for cross border vaccine coverage assessment

EU vaccination reminder systems

Vaccine procurement and purchasing mechanisms

Most countries: procurement at national level, public sector

50%: Immunisation supply chain improvement and vaccine supply manager

Principles for vaccine forecasting: need rapid exchange, harmonised labelling

Confidence

Survey of barriers and enablers behind suboptimal coverage



Action: benefits for EU citizens

Confidence

Effective program implementation
Detection of early signals of hesitancy through social media

Empowerment

School competitions for younger citizens to become vaccine champions
Training of health professionals
Evidence for vaccine registered in the past 10 years

Vaccine network

Member States and Stakeholders to support sustainable action



Objective 2

'Protect Union citizens from serious cross-border health threats'

Communicable Diseases



Dorthe Raben

Rigshospitalet, University of Copenhagen, Denmark



Parallel Session II: Objective 2 'Protect citizens from serious cross-border health threats'

Dorthe RABEN

Director of Research Coordination, CHIP, Rigshospitalet,
University of Copenhagen





Screening and diagnosis of infectious diseases: integrated testing for HIV, viral hepatitis, TB and STIs



Linkage to prevention and care and effective and optimised treatment (access for all population groups and retention in care for viral suppression)



Communicable diseases **the** cross-border health threat – outbreaks no respect for borders

22-29
NOVEMBER
EUROPEAN
HEPATITIS-HIV
TESTING
WEEK
2019
TEST.TREAT.PREVENT.
www.testingweek.eu

22-29
ОКТОБРЬ
ЕВРОПЕЙСКАЯ
НЕДЕЛЯ
ТЕСТИРОВАНИЯ
2019
www.testingweek.eu



2014-2020

EU HEALTH PROGRAMME CONFERENCE

BRUSSELS 30 SEPTEMBER 2019

Action: results

- Research and tools to improve integrated testing coverage and care provision
- Uniting stakeholders across Europe (community, policy makers, clinicians and scientists)
- Identifying structural, individual and provider barriers to diagnosis, linkage to care and treatment



Action: uptake and follow-up

- European platform of stakeholders from different disciplines, diseases areas and countries
- Evidence and integrated approaches across disease areas transferable cross-borders
- Continued EU support crucial to support member states in reaching targets and preventing and reversing outbreaks in the future



Action: benefits for EU citizens

- Earlier diagnosis reduce morbidity and mortality, prevents onward transmissions and reduce costs
- Breaking down disease silos and supporting shared care models
- Cross-border collaborations to enhance research and public health practice – empowerment, awareness-raising and capacity building



2014-2020 EU HEALTH PROGRAMME CONFERENCE

BRUSSELS
30 SEPTEMBER 2019



Consumers, Health,
Agriculture and Food
Executive Agency

