



European Centre for Disease Prevention and Control

New EU Health Security Framework: ECDC's reinforced mandate

Health Service Executive, Health Protection Conference

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Ireland, 12 October

European Centre for Disease Prevention and Control - ECDC



- An agency of the European Union founded in 2005, located in Solna, Sweden
- Employees in 2023: 346
- Budget in 2023: 90 182 000 EUR

ECDC mission – core activities and disease programmes

To identify, assess and communicate current and emerging threats to human health posed by infectious diseases... and to ensure that information thereon is presented in an easily accessible way.

Disease Surveillance & Epidemic intelligence

Foresight, modelling and research priority setting

Response support & Risk assessments

Preparedness & capacity strengthening

Scientific advice & guidance

Public health training

European and International cooperation

Communication

Vaccine-preventable diseases and Immunisation

Sexually transmitted infections, Blood-Borne Viruses and Tuberculosis

Antimicrobial resistance and healthcare-associated infections

Epidemic-Prone Diseases

ECDC's vision

Scientific
excellence

Member States
Commission
Others

Public health
policy and
practice



EMPOWER

DRIVE

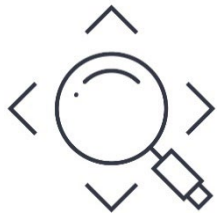
Translate
Listen and dialogue
End-to-end

Improve lives in Europe and globally

Some lessons learned from the COVID-19 pandemic

1

Review actions



What worked and didn't
 Specificities
 Similarities
 Ad-hoc decisions
 No reinventing the wheel

2

Invest in Public Health systems



Systems
 Capacity building
 Emergency responses
 Vaccination campaigns
 Wider health impacts

3

Improve Surveillance + Preparedness



On-going basis
 Potential of data
 Digitalisation and AI
 Faster decision-making
 Cost-savings

4

Enhance community engagement



General public
 Other target groups
 Not passive receivers
 but key actors

5

Embrace collaboration



Countries, regions.
 Organisations
 Data + expertise
 Building by sharing
 Global burden

A stronger ECDC mandate & a new regulation on serious cross-border threats to health – what does this entail?

Improving epidemiological surveillance

- Digitalisation of integrated surveillance systems enabling real-time surveillance
- Support MS with integrated surveillance systems, further develop digital platforms
- EI is carried out more effectively – using IT such as AI

Foresight, modelling and research priority setting

- Modelling, anticipation and scenario development for response
- Contribute to research priorities and actions funded by EU instruments

Better preparedness and response in MS

- Develop prevention and response plans & elaborate assessment framework
- Non-binding recommendations for risk management

EU Health Task Force

- Expanded capacity to mobilise and deploy the EU HTF providing:
- Effective and timely operational response & preparedness support, contributing to global health security & strengthening countries emergency preparedness

Health systems capacity

- Monitor and assess health systems capacity for diagnosis, prevention and treatment
- Network of EU reference laboratories and SOHO
- Expanding work on prevention (e.g. AMR, vaccination and biosecurity)

Expand international role

- Contribution to EU's international cooperation & commitment to global health security preparedness
- Intensify collaboration with international partners (WHO), ENP countries, other CDCs

ECDC's role within the EU Health Union – Key partners and interactions



DG SANTE

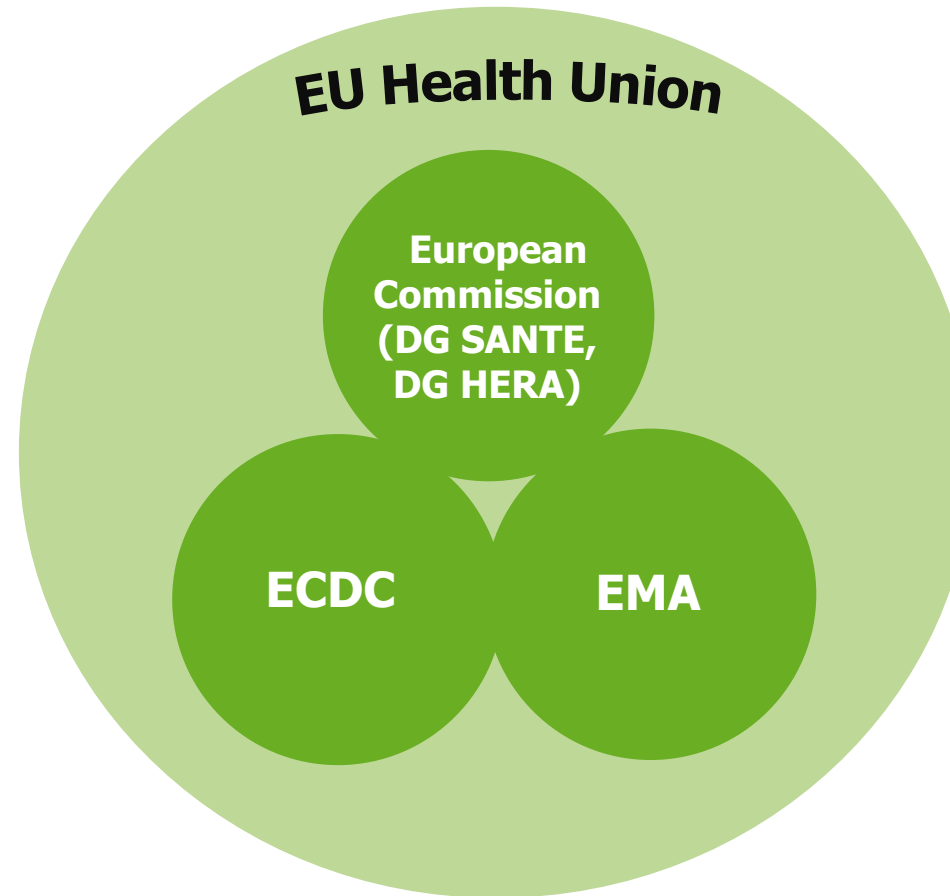
- Regulatory framework
- **Coordination of risk management** in the Health Security Committee (HSC)
- **EU Global Health Strategy**

ECDC/EMA

- Joint ECDC/EMA **Vaccine Monitoring Platform**

ECDC/DG HERA

- **Intelligence gathering and assessment of health threats** relevant to medical countermeasures
- **Modelling, forecasts and foresight** activities relevant to medical countermeasures
- **Promoting advanced research** and development of medical countermeasures and related technologies
- **Strengthening knowledge in preparedness and response** related to medical countermeasures
- Contribution to reinforcing the global health emergency preparedness and response architecture



Coordination through Working arrangements and MoUs

Collaboration with international partners



Public Health Emergencies

2005	H5N1 avian influenza
2009	Influenza A(H1N1)
2011	E-coli
2012	MERS-CoV
2014	Ebola
2016	Zika
2017	Plague
2018	Ebola
2020	COVID-19
2021	COVID-19
2022	COVID-19, Mpox, Hepatitis
....?....	Pathogen X



Thank you!

