

# HProImmune:

European project for the promotion of  
Immunization for health professionals

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On behalf of HProImmune group



# HProImmune

3-year European project

co-funded by DG SANCO Public Health Program 2008–2013

## Objective:

**To promote the vaccination of HCWs**  
in different health care settings by  
developing a tailored communication tool

# Partnership

## **Main Partner:**

- Institute of Preventive Medicine, Environmental and Occupational Health, Prolepsis, Greece

## **Associated Partners:**

- National Institute of Infectious Diseases Prof Dr Matei Bals - Romania
- Nofer Institute of Occupational Medicine - Poland
- Mokymų Tyrimų ir Vystymo Centras - Lithuania
- Istituto Superiore Di Sanità - Italy
- Fundatia Romtens - Romania
- Cyprus University of Technology - Cyprus
- Technische Universität Dresden - Germany
- National Hellenic Nurses Association - Greece
- Hellenic Center for Disease Control and Prevention - Greece

## **Collaborating Partners:**

- Occupational Health (OCH) WHO/EURO Centre for Environment and Health - Germany
- Health Protection Agency, Centre for Infectious Diseases – UK



# Outcome

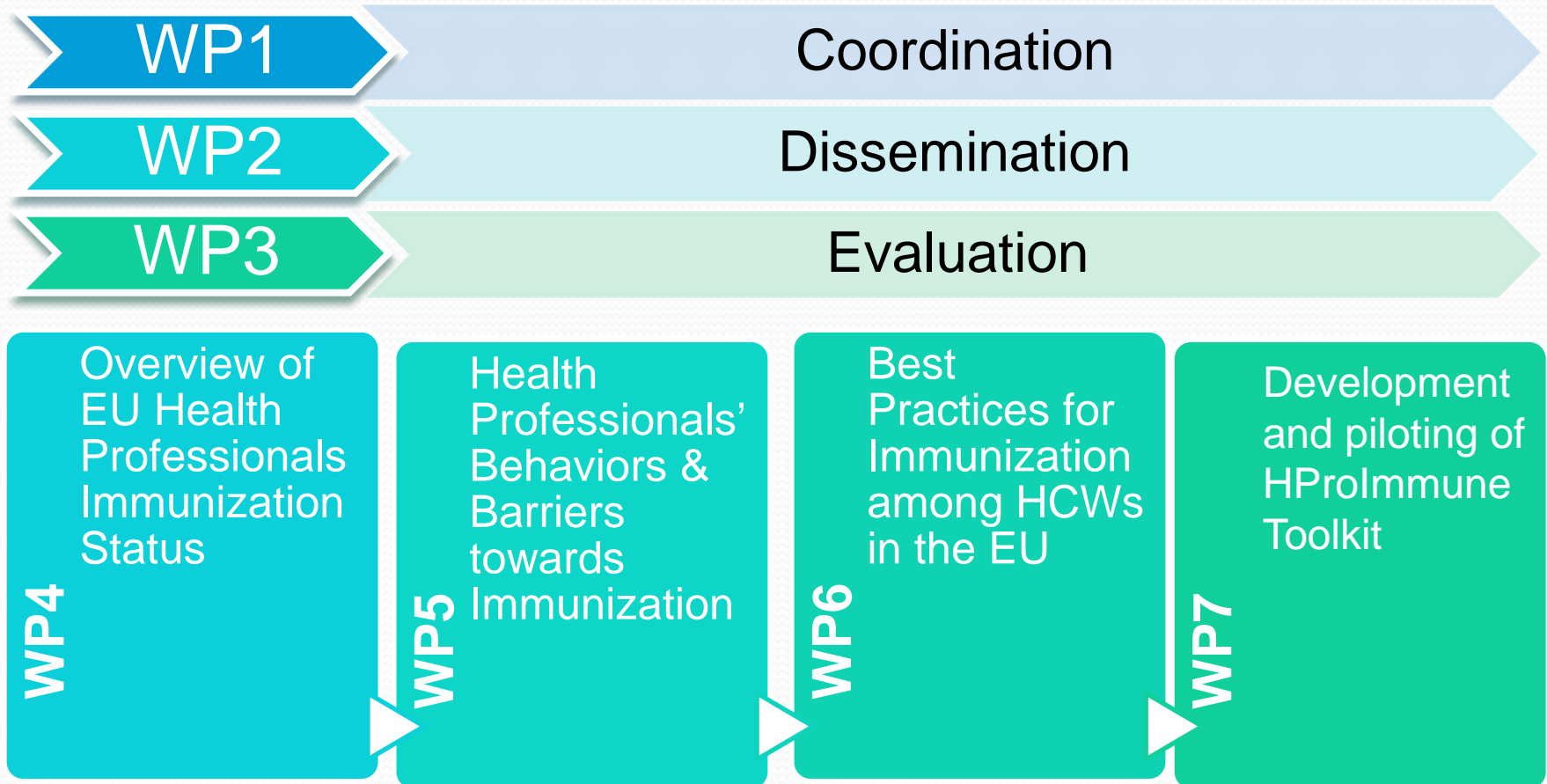
## Comprehensive HCWs Immunization Promotion ToolKit



### Target groups:

1. Individual physicians and their assistants or nurses, mainly in primary care
2. HCWs in the hospital setting
3. Public health professionals and health care administrators

# Transversal & Core Work Packages



# Work Package 4

## Overview of EU Health Professionals Immunization Status

**Aim:** Agree on a list of infectious agents of interest for health care setting in order to prepare an overview of the situation regarding legislation, interventions, risk perception and incidence among HCWs

**Methods:**

1. Prioritization process on infectious diseases to be investigated
2. Collection of relevant literature, EU policies, legislation and recommendations

**Deliverable:**

State of the art report

# Prioritization

- Adaptation of the WHO Delphi method used for periodically review of the list of disease priority for surveillance
- Criteria
  - Present burden of disease
  - Epidemic potential
  - Vaccination coverage and health promotion
  - Social and economic impact

# Prioritization: First round

Ranking	Vaccine
1	Influenza
2	MMR
3	Tuberculosis
4	Meningococcal disease
5	Varicella
6	Hepatitis A
7	Hepatitis B
8	Pneumococcal disease
9	Tdap



# Prioritization: Second round

	<b>Greece</b> Prolepsis/KEELPNo	<b>Poland</b> NIOM	<b>Lithuania</b> MTVC	<b>Italy</b> ISS	<b>Cyprus</b> CUT	<b>Germany</b> TUD	<b>Greece</b> HNA
<b>Hepatitis B</b>	2	2	1	1	1	2	1
<b>Influenza</b>	1	1	4	2	2	1	2
<b>MMR</b>	3	3	5	3		3	3
<b>Tuberculosis</b>		4	3		3	4	
<b>Tdap</b>	4		2	4			5
<b>Varicella</b>	5	5		5	5	5	4
Hepatitis A					4		
Pneumococcal disease							
Meningococcal disease							

# Prioritization: Second round

	Greece Prolepsis/KEELPNo	Poland NIOM	Lithuania MTVC	Italy ISS	Cyprus CUT	Germany TUD	Greece HNA
<b>Hepatitis B</b>	2	2	1	1	1	2	1
<b>Influenza</b>	1	1	4	2	2	1	2
<b>MMR</b>	3	3	5	3		3	3
<b>Tuberculosis</b>		4	3		3	4	
<b>Tdap</b>	4		2	4			5
<b>Varicella</b>	5	5		5	5	5	4
Hepatitis A					4		
Pneumococcal disease							
Meningococcal disease							



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# Documents review

349 Documents

58 Guidelines

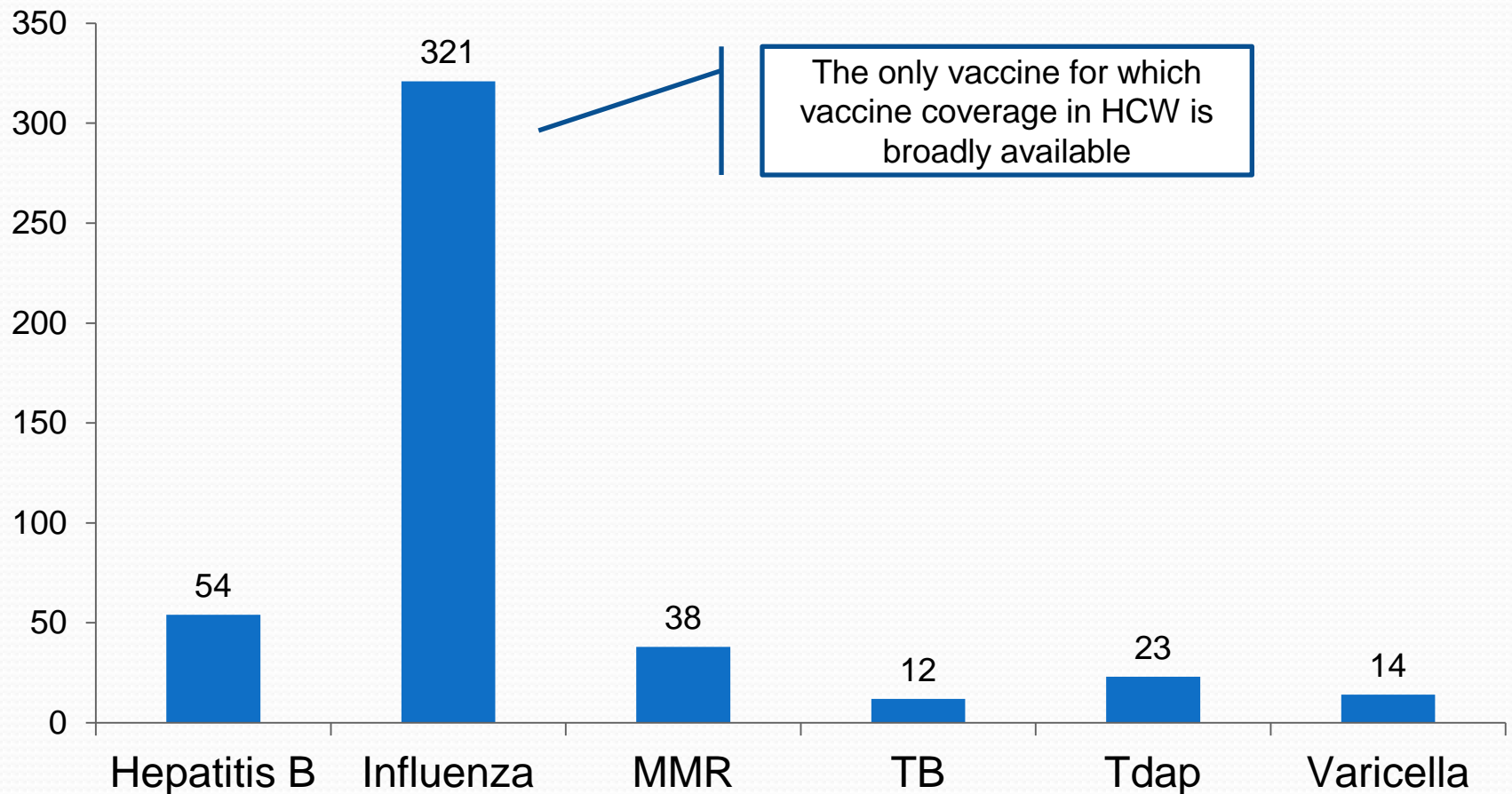
- Generic Hospital Infection Control Practices
- Generic HCW vaccination recommendations

105 Government documents

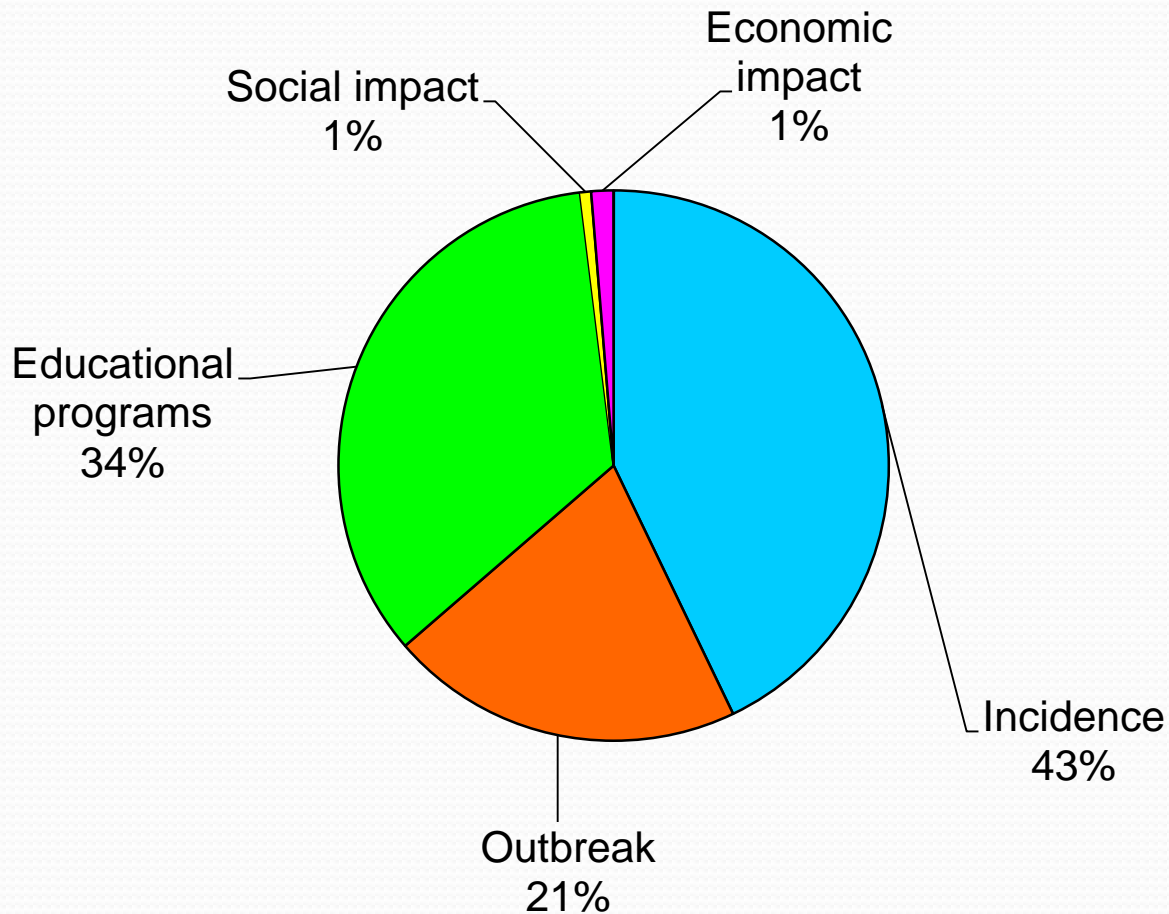
- Vaccination policies for HCWs
- Vaccination coverage data for HCWs

186 Journal articles

# Documents review



# Documents review: articles



# Work Package 5

## Health Professionals' Behaviors & Barriers towards Immunization

**Aim:** to explore risk perception, behaviors towards vaccination, barriers to the immunization of HCWs in the EU

**Methods:**

Focus groups in each partner country  
On-line survey in MS countries

**Deliverable:**

Report on barriers to immunization

# Next steps

- Collection of best practices among the participating countries (by September 2013)
- Preparation of the toolkit using the information collected in the other work packages (by Dec 2013)
- Distribution and promotion of the toolkit (by Jan 2014)
- Final meeting to prepare recommendations (Sept 2014)



# HCWs Immunization promotion toolkit

- Individual health professionals, including:
  - Recommendations
  - WP4 database
  - Communication material
  - ECDC / VENICE registries
- Hospital administrators, PH professionals, including:
  - Recommendations
  - WP4 database
  - Communication material
  - ECDC / VENICE registries
  - Communication tools to reach HCWs



**Thank you for your attention**

**For any information, please visit:**

**[www.hproimmune.eu](http://www.hproimmune.eu)**

**Or contact Institute of Preventive Medicine  
Environmental & Occupational Health, Prolepsis**

