

Adult Immunization Board – Technical meeting

Antwerp, Belgium - May 7-8 2026

“Vaccine records and recall systems in Europe to strengthen adult vaccination”

MEETING OBJECTIVES AND RATIONALE



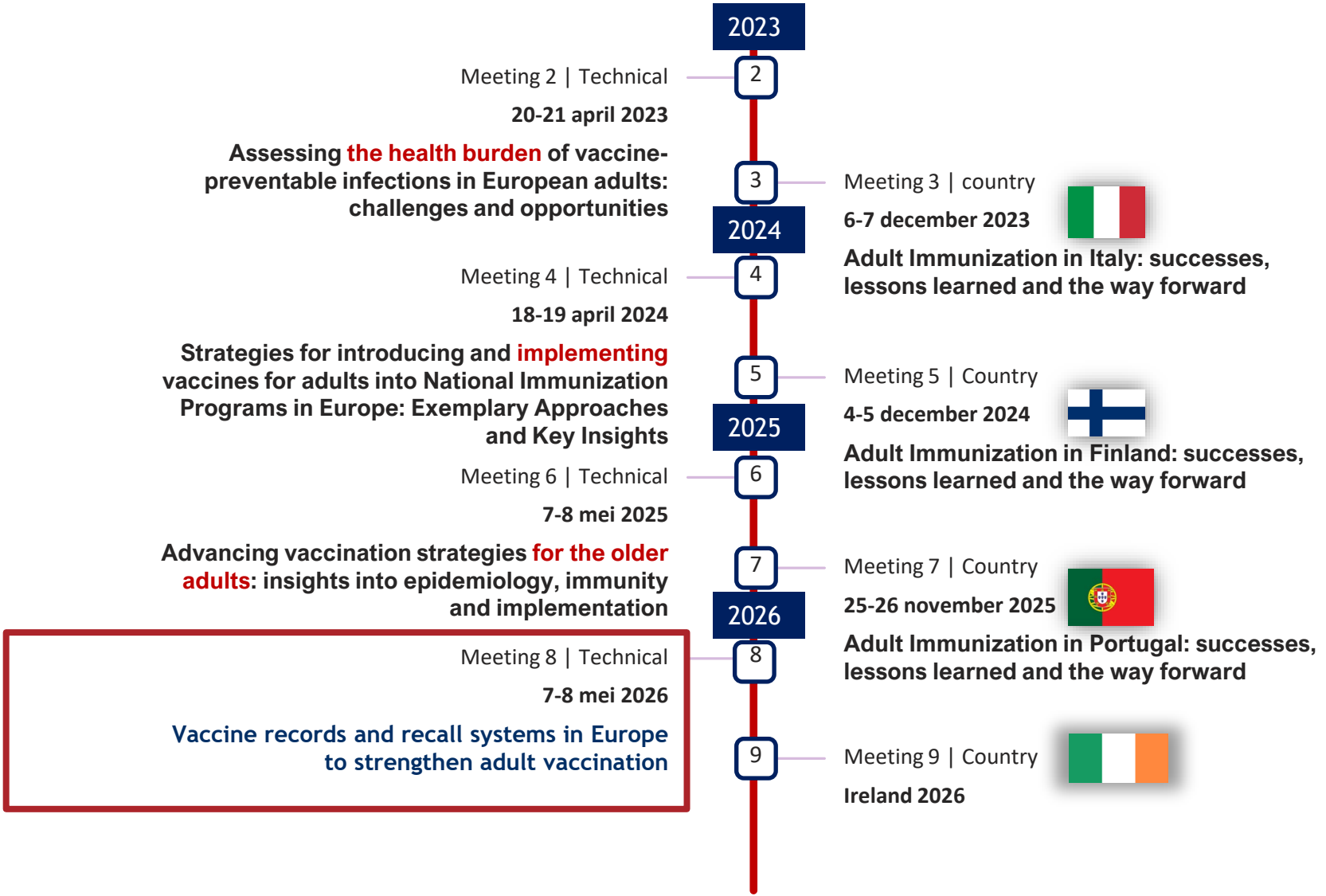
A collaboration of



UNIVERSITÀ
DEGLI STUDI
FIRENZE
DSS
DIPARTIMENTO DI
SCIENZE DELLA SALUTE



University
of Antwerp



Why Adult Immunization Needs Action Now

Health Policy and Technology 15 (2026) 101179

Contents lists available at [ScienceDirect](#)



Health Policy and Technology

journal homepage: www.elsevier.com/locate/hlpt



Overcoming barriers to adult immunization in Europe: A decalogue for policy action by the Adult Immunization Board

Sara Boccalini^a, Marco Del Riccio^{a,*}, Birgit Weinberger^b, Domenico Martinelli^c, Angela Bechini^a, Greet Hendrickx^d, Paolo Bonanni^a, Pierre Van Damme^d, Per Ljungman^e, Sotirios Tsiodras^f, Odile Launay^g, Giovanni Gabutti^h, Antoni Torresⁱ, Roman Chlibek^j, Johan Flamaing^{k,l}, Robert Steffen^m, Helena Maltezouⁿ, Stefania Maggi^o, Jacek Wysocki^p, Ligita Jancoriene^q, Heidi Larson^r, Alojz Ihan^s, Thomas Weinke^t, Daphné Holt^u, Mariano Votta^v, Javier Díez-Domingo^w, Jade Pattyn^d

- **Adult vaccination in Europe remains fragmented and underfunded, with persistent gaps in coverage.**
- **Barriers limit uptake:**
 - Evidence and data gaps
 - Cost and financing limitations
 - Organizational fragmentation across countries and systems
 - Access Gaps and Limited integration into routine care pathways
 - Eroded vaccine confidence and public trust

Data and evidence gaps

Barriers

Weak data on adult-specific burden (RSV, herpes zoster, pneumococcal disease).

Case definitions and reporting differ between countries, slowing policy decisions.

Fragmented or absent electronic immunization records — status unknown across providers.

Actions

Adult disease surveillance

Electronic immunization records



Meeting Outline + Objectives



Adult Immunization Board (AIB) *Technical meeting 2026:*

*Vaccine records and recall systems in
Europe to strengthen adult vaccination*

7-8 May 2026
Antwerp, Belgium

Meeting Background

Meeting topics- countries

Objectives – meeting outcome



Literature –web review

BACKGROUND DOCUMENT

AIB Technical Meeting 2026

Vaccine records and recall systems in Europe to strengthen adult vaccination

Antwerp, Belgium
07 – 08 May 2026

What do we know

“Immunization Information Systems (IISs) are essential public health tools, supporting the management and analysis of vaccination data to aid clinical and strategic decision-making”



ECDC TECHNICAL REPORT

Designing and implementing an immunisation information system

A handbook for those involved in the design, implementation or management of immunisation information systems

Functionalities of IIS are including:

- personalised information on vaccination,
- a communication platform that allows for targeted communication towards healthcare professionals and the public,
- decision support systems for vaccine providers (e.g. automated protocols for vaccination catch-up),
- recording of reasons for refusal of vaccination,
- adverse event recording.

Sources: Vigezzi et al. *Expert Rev Vaccines* 2025; *Designing and implementing an immunisation information system*. Stockholm: ECDC; 2018.

THE EVIDENCE GAP: Records and Registries

36%

of (global) IIS operate
at national level

*Vigezzi et al., Expert Rev Vaccines 2025
(systematic review, 238 studies)*

27/30

answering EU/EEA countries
have or plan an IIS —
but functionality
varies widely

*ECDC survey, Derrough et al.
Euro Surveill. 2017*

Beyond Childhood: Adults Left Behind

- IIS design has historically centred on childhood vaccination; adult-oriented features (occupational records, risk-group flags, life-course schedules, catch-up for adult migrants) remain rare.
- The EU/EEA ECDC survey confirms that using IIS data for effectiveness and safety research in adults is an aspirational rather than routine function in most Member States.

Derrough et al., Euro Surveill. 2017 | Crowcroft & Levy-Bruhl 2017

THE EVIDENCE GAP: Reminder–Recall Systems

Evidence-Based Strategies That Work

- 1 Centralised IIS-based recall
- 2 SMS & digital nudging
- 3 Multi-component combinations
- 4 Tailored recall for underserved groups

Persistent Gaps & Open Questions

- Digital equity
- Adult documentation gaps
- Psychological reactance
- No EU benchmark standard

Technical meeting 2026: Meeting objectives

Vaccine Records

- Assess the current landscape of adult vaccination records across Europe to understand existing systems and data infrastructures.
- Exchange lessons learned from national and regional vaccination record systems, focusing on implementation experiences, challenges, and innovations across European contexts.
- Discuss differences in data completeness, interoperability, and accessibility, and highlight how vaccination record data have or should inform vaccination policy decisions.
- Explore data utilization, existing gaps, and research opportunities arising from vaccination registers, and identify areas for cross-border collaboration to strengthen European systems and comparability.
- Address data security, ethical, and legal considerations in health record management, including personal health data protection, consent mechanisms, and compliance with the European Health Data Space framework to ensure secure and privacy-preserving data exchange.
- Discuss the added value and feasibility of a European Vaccination Card (EVC).

Vaccine Reminders

- Evaluate and share effective reminder and recall strategies for adult vaccination, comparing approaches used across Europe and identifying communication and outreach strategies that effectively improve vaccine uptake and public engagement.

Intended Impact

Evaluate adult vaccination registries and reminder/recall systems, and identify best practices and gaps based on national and regional experiences

Address data quality, interoperability, and governance to inform policy and align with the European Health Data Space

Assess the feasibility and added value of a European Vaccination Card

Strengthen cross-border collaboration and vaccination monitoring to increase the impact of adult vaccination across Europe

Housekeeping announcement

- This is a very interactive meeting – we really appreciate your questions and your engagement
- For the speakers: time keeping will be important since we have a full agenda



- Use the mic, for the people following on-line
- Keep your badges on
- Enjoy the meeting!

