OHDSI EUROPE
Observational Health Data Sciences and Informatics

OHDSI Europe Community Call

National Node series

Hosted by
OHDSI NORWAY

November 12, 2026 - 1PM CET

Connecting local expertise
to strenghten European evidence generation.



A series hosted by the OHDSI Europe National Nodes

01

PUBLICATION PULSE

Recent publications & research highlights from across the OHDSI Europe community



OHDSI EUROPE OBSERVATIONAL HEALTH DATA SCIENCES AND INFORMATICS

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Case Reports > JAMIA Open. 2026 Sep 30;9(5):ooag189. doi: 10.1093/jamiaopen/ooag189. eCollection 2026 Oct.

Advancing multi-database cohort studies: lessons learned from a studyathon in a pharmaceutical company

Elif Inan-Eroglu [1], Daloha Rodriguez-Molina [1], Khaled Abdelgawwad [1], Carina Dinkel-Keuthage [1], Montse Soriano Gabarró [1 2], Pareen Vora [1], Gianmario Candore [1], David Vizcaya [3 4], Katrin Manlik [1]

Affiliations + expand

PMID: 42819129 PMCID: PMC13625018 DOI: 10.1093/jamiaopen/ooag189

J Am Med Inform Assoc. 2026 Oct 1;33(10):1921-1933. doi: 10.1093/jamia/ocag117.

SMART: structured, meaningful, auditable, responsible, and transparent documentation for clinical AI

Ankur Lohachab [1], Frédéric Jung [2], Stef Rommes [2], Gökhan Ertaylan [2], Anshu Ankolekar [3 4], Visara Urovi [1]

Affiliations + expand

PMID: 42616679 PMCID: PMC13630299 DOI: 10.1093/jamia/ocag117

Front Digit Health. 2026 Oct 9:8:1956993. doi: 10.3389/fdgth.2026.1956993. eCollection 2026.

Cross-continental generalizability of EHR foundation model: predicting length of stay in an Italian hospital using US-trained embeddings

Giovanna Nicora [1], Francesca Negri [1], Valentina Tibollo [2], Alberto Malovini [2], Arianna Dagliati [1], Lucia Sacchi [1], Federico Sottotetti [2], Paola Baiardi [2], Riccardo Bellazzi [1 2]

Affiliations + expand

PMID: 42920713 PMCID: PMC13690950 DOI: 10.3389/fdgth.2026.1956993

02

NODE NEWS

Updates, activities & opportunities from the OHDSI Europe NN



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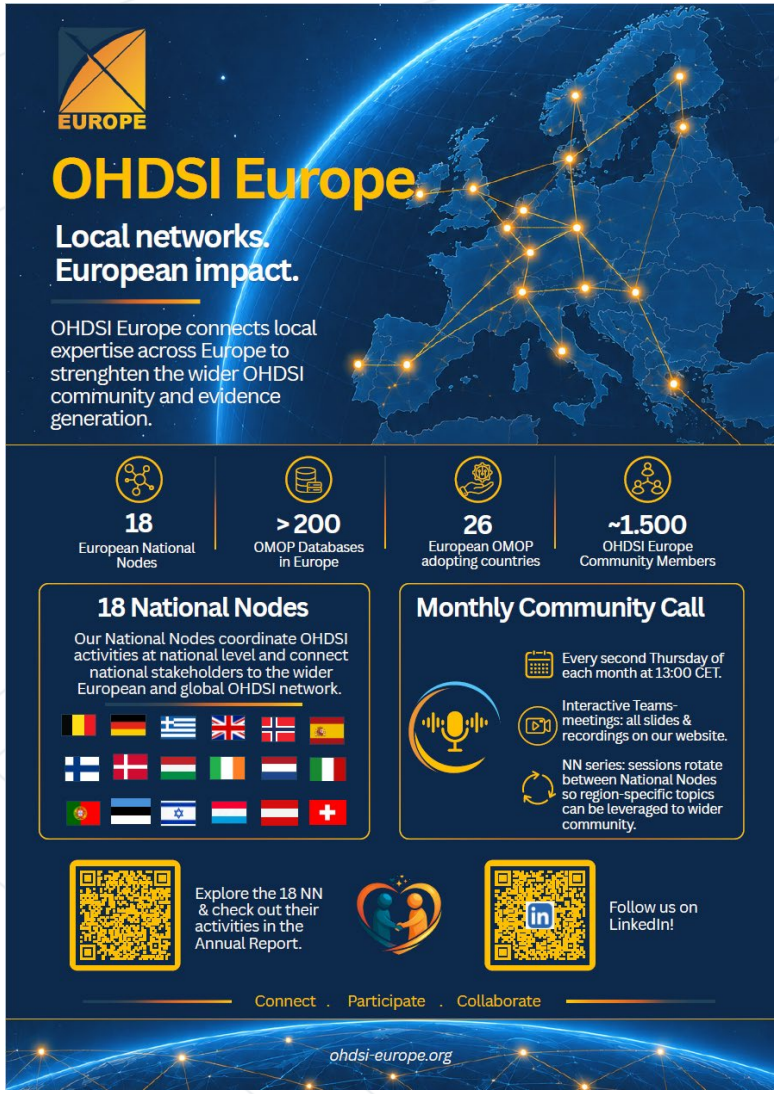
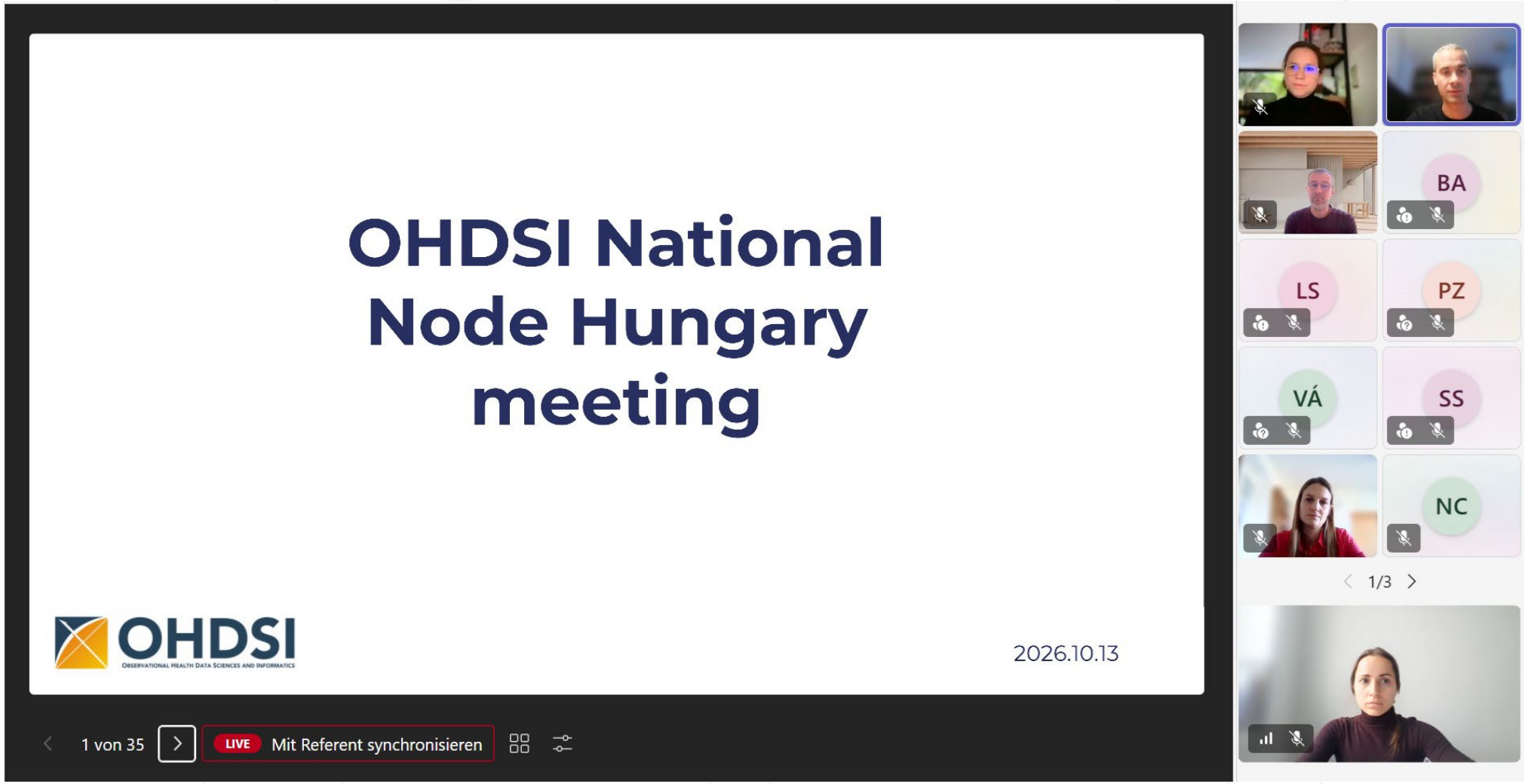
Showcasing NN @ OHDSI global





Hungary


OHDSI National Node Hungary meeting
OHDSI
OBSERVATIONAL HEALTH DATA SCIENCES AND INFORMATICS
2026.10.13
1 von 35
LIVE
Mit Referent synchronisieren
BA
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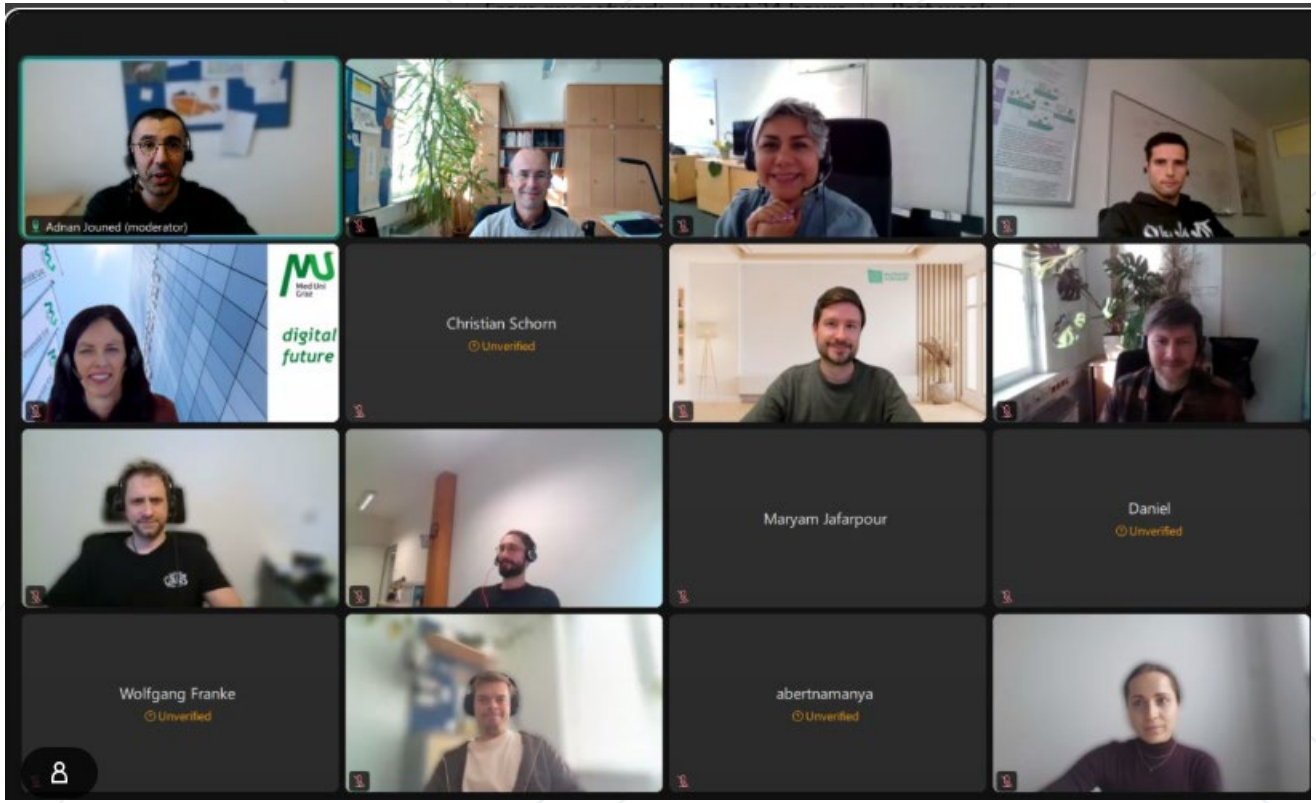
Austria

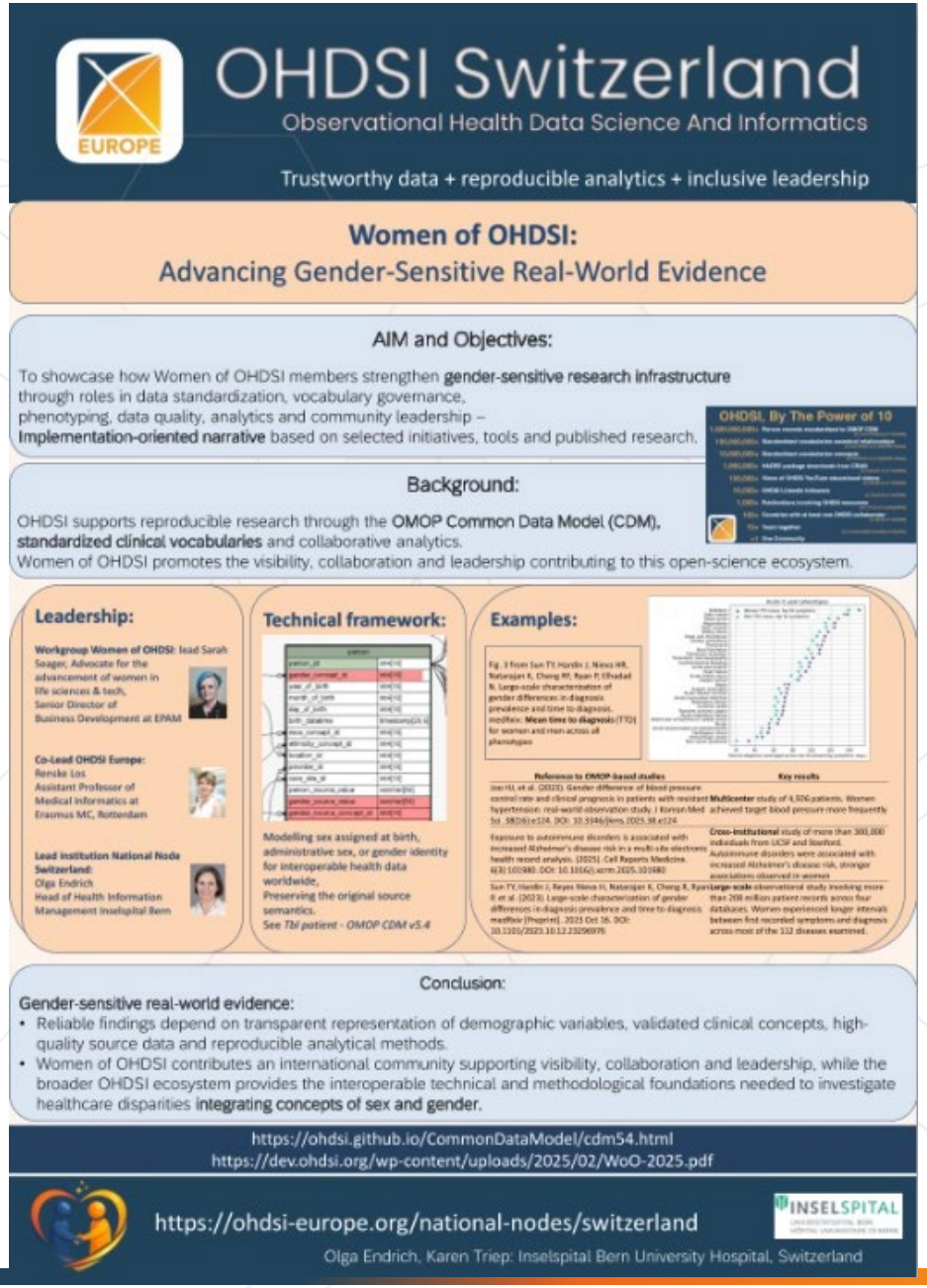
- Community meeting:

How do we make health data speak the same language?



Switzerland

We were proud to present Women of OHDSI at the Swiss Gender Medicine Symposium at Kursaal Bern (26–27 Oct 2026).

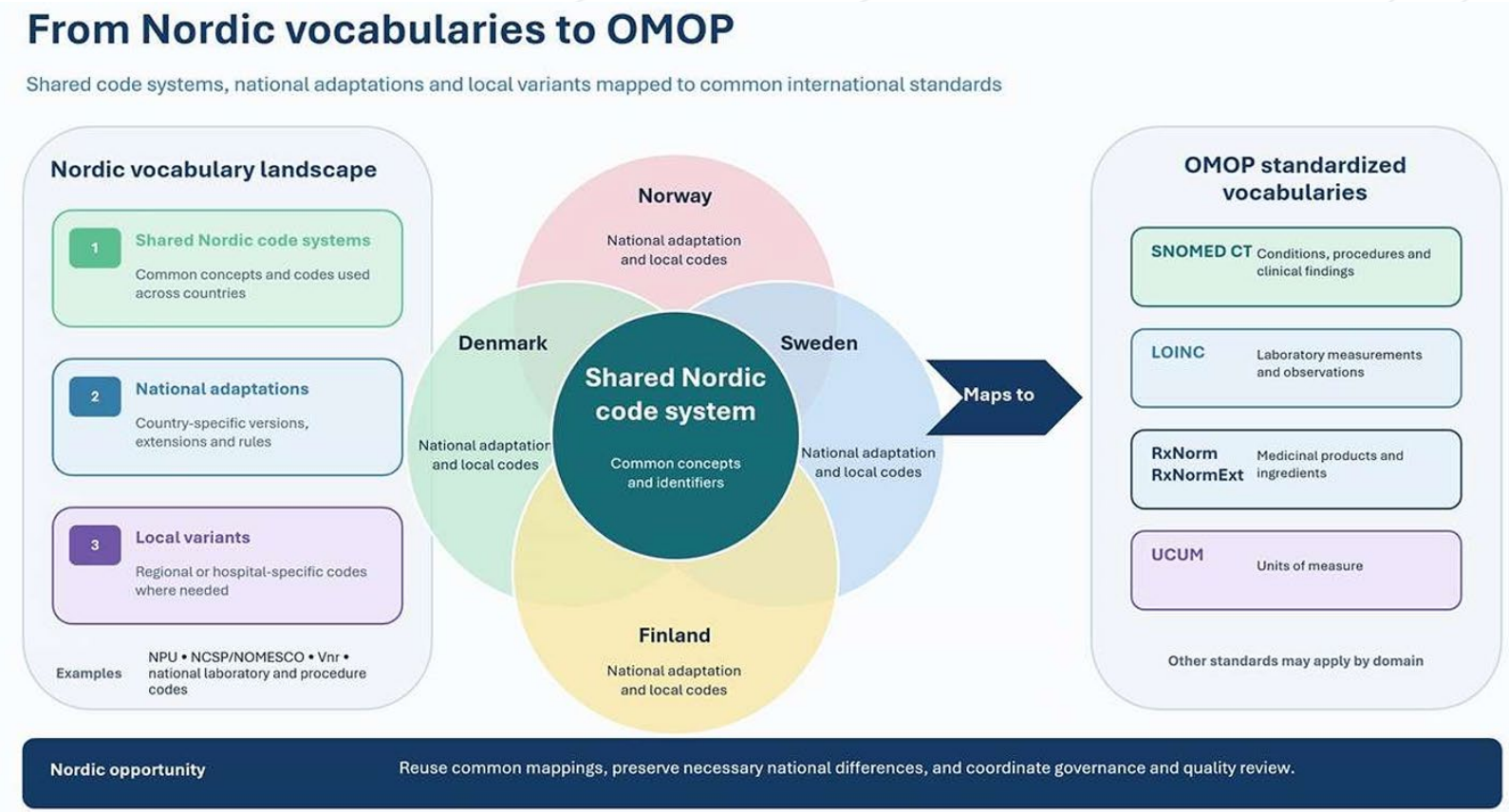


Belgium


OHDSI BELGIUM
All Actors Meet
ONLINE WINTER EVENT
DEC 16
Wednesday 16 Dec 2026
at 2:00 PM (CET)
90 min.
60 min plenary
+ 30 min community
JOIN CALL
Shoutout: want to pitch?
If you haven't been invited as a speaker but would like to pitch an event, share an update or highlight an initiative, please email vermeulen@ohdsi.org
Agenda will be out soon!

NOR-OMOP and Nordic-Baltic OMOP

- Regular meetings in both NOR-OMOP and Nordic-Baltic OMOP nodes
- Started work on OMOP'ing common Nordic vocabularies



03

NODE SPOTLIGHT

From Nordic Dialogue to European Action



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Relevant publications

ARTICLE IN PRESS

ESMO GOOD SCIENCE BETTER MEDICINE BEST PRACTICE

ESMO REAL WORLD DATA AND DIGITAL ONCOLOGY

PERSPECTIVES

Advancing population-based cancer registries through the OHDSI OMOP Common Data Model: governance, validation, and interoperability for cancer research

Q2 M. M. H. van Swieten[1], B. Lima[2,3*], T. Niemi[4], C. Backes[2,3], J. L. Bulliard[4], H. De Schutter[5], S. Larønningen[6] & E. Enerly[7]

[1]Department of Clinical Data Science, Comprehensive Cancer Organization, Eindhoven, The Netherlands; [2]Registre National du Cancer du Luxembourg (RNC), Strassen; [3]Cancer Epidemiology and Prevention Group (EPICAN), Department of Precision Health (DoPH), Luxembourg Institute of Health (LIH), Strassen, Luxembourg; [4]Centre for Primary Care and Public Health (Unisanté), University of Lausanne, Lausanne, Switzerland; [5]Belgian Cancer Registry, Brussels, Belgium; Departments of [6]Registration; [7]Research, Cancer Registry of Norway, Norwegian Institute of Public Health, Oslo, Norway

Mapping population-based cancer registries in Europe: coverage, data availability, and capacity for real-world data generation

V. Zadnik [1] · A. Duratović Konjević [1] · M. Jurtela [1] · ... · L. Taraszkiewicz [25] · G. Ursin [19,26,27] · M. Trojanowski [25] ... Show more

Affiliations & Notes · Article Info

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Show Outline

Highlights

- CancerWatch survey included 175 of 192 European PBCRs.
- Population coverage remains incomplete in some European regions.
- Only 69% of countries provide cancer incidence data within 2 years.
- Stronger infrastructure and interoperability are needed across European PBCRs.

European cancer data sharing: Analyses of an international survey

Larson Hogstrom [1], Arvydas Laurinavicius [2], Miguel Giraldez Alvarez [3], Sigve Nakken [1], Ingrid Jenny Guldvik [1], Carlos Miguez Sanchez [3], Olga Papadodima [4], Konstantinos Voutetakis [4], Per Magnus Mæhle [1], Norman Zerbe [5], Mario Šekerija [6], Ane Fullaondo [7], Eivind Hovig [8]

Affiliations + expand

PMID: 42284829 DOI: 10.1016/j.ijmedinf.2026.106544

Free article

Abstract

Background: Clinical and biomarker data sharing across institutions accelerates cancer research, yet European data sharing practices are not well characterized.

Methods: We surveyed 75 cancer institutions across 23 European countries on data sharing practices, data standards adoption, and perceived challenges.

Results: Most institutions (>80 %) actively share data for research. However, adoption of clinical data standards remains fragmented: only 33 % use Fast Healthcare Interoperability Resources (FHIR) and 21 % use the Observational Medical Outcomes Partnership (OMOP) data model. The top non-technical hurdles were General Data Protection Regulation (GDPR) compliance (31 %) and legal challenges (24 %). The leading technical hurdle was interoperability (35 %). Despite challenges, 77 % of institutions aim to expand sharing capabilities.

Conclusions: Among those surveyed, GDPR compliance and legal complexity are the dominant barriers to European cancer data sharing. Inconsistent data standards adoption poses risks to European Health Data Space (EHDS) implementation. Investments in legal support, interoperability, and personnel are needed to advance cancer research networking.

The Nordic Health Data Summit in one slide

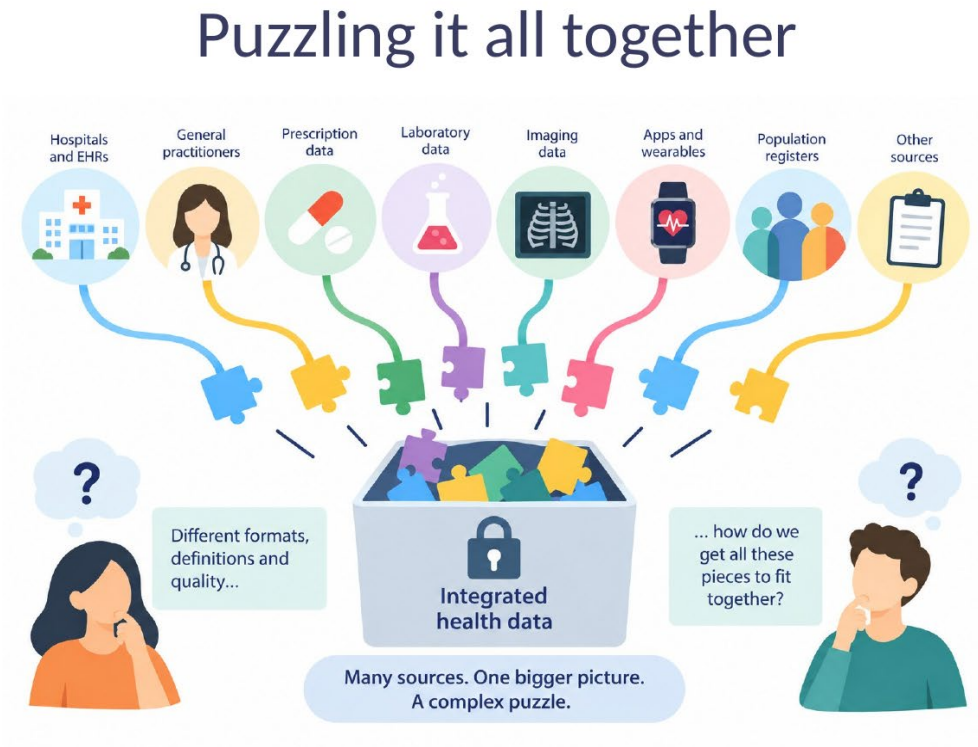
Oslo and online, 23 September 2026

A full-day Nordic forum on secondary use of health data, EHDS implementation and cross-border collaboration.
Showcasing the results of the "Value from Nordic health data"-project (VALO2)

Why the OMOP block mattered

It connected a broad policy and infrastructure discussion to concrete standardisation, federated analysis and community practice.

125 participants in this block.



Policy ambition needs reusable technical and organizational building blocks.

The OMOP session: from community via use cases to dialogue

A two-hour session hosted by NOR-OMOP

COMMUNITY

OMOP in practice

Why shared models, vocabulary, methods and tools matter.
Presented by Espen Enerly and Kristin Oterholt Knudsen

PROJECT 1

PHEMS / PHDS

Paediatric and rare-disease data, federated infrastructure at the Oslo University Hospital.
Presented by Tasmeia Yousaf

PROJECT 2

PRIME-ROSE

OMOP in an international precision-cancer trial network lead by the Oslo University Hospital.
Presented by Maria Martin Agudo and Gabriel Bratseth Stav

PROJECT 3

Nordic drug mapping

Mapping Varenummer to OMOP standard vocabularies. Work performed by the University of Oslo.
Presented by Petrică Ioan Olteanu

INTERACTIVE

Experiences and views on OMOP

Audience experience, barriers, priorities and advice. We used Menti, discussions among participants and some discussions in public.

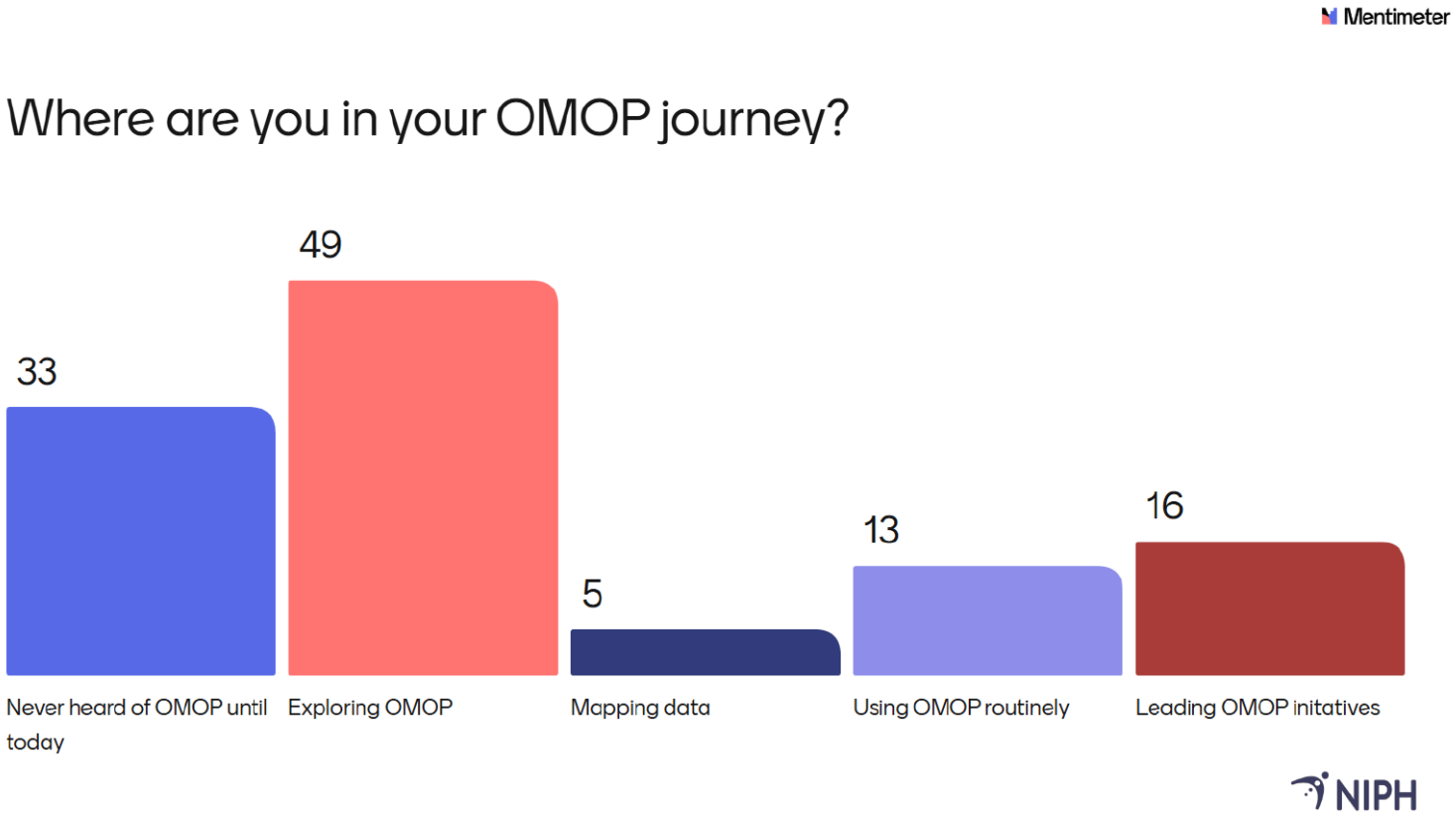
LOOK AHEAD

The future of Nordic health data

EHDS, Nordic collaboration and sustainability.
Presented by Siri Larønningen.

The room was at very different stages

Where are you in your OMOP journey?



Reading the room

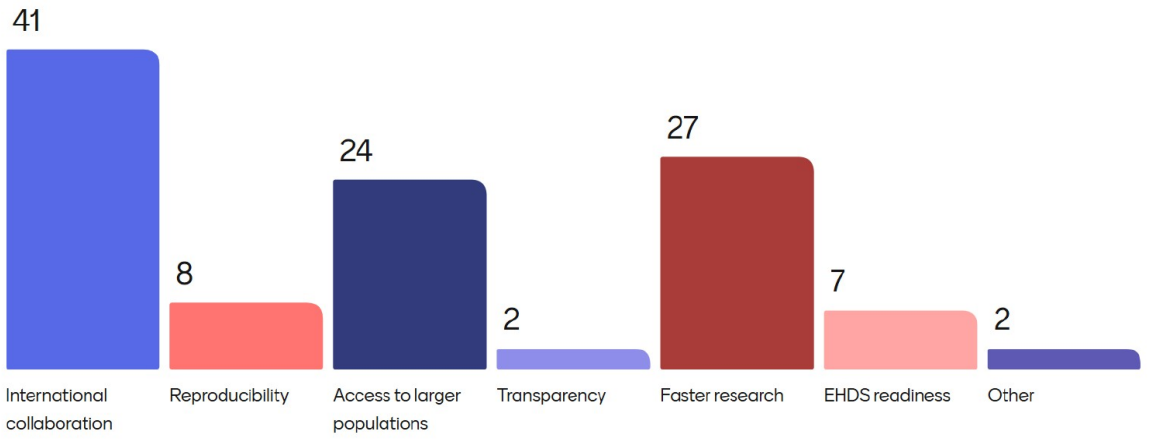
- The largest group was exploring OMOP.
- The same room also included newcomers and people leading initiatives.
- A Nordic-Baltic community must serve onboarding, implementation and advanced reuse at the same time.

OMOP's value was framed as collaboration and speed

Not only technical standardisation

Mentimeter

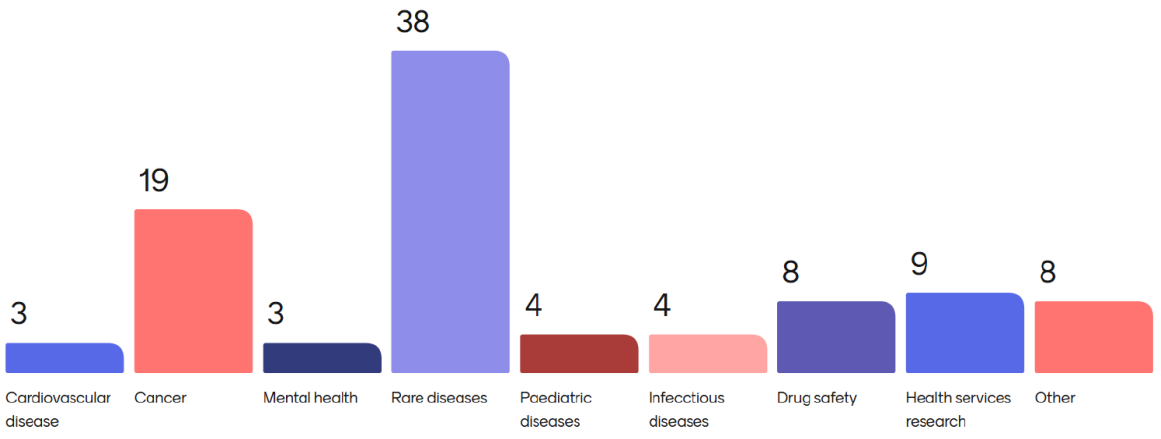
In your opinion - what is the biggest value of OMOP?



NIPH

Mentimeter

Which area would benefit most from Nordic-Baltic OMOP collaboration?



NIPH

International collaboration led on perceived value; rare diseases led on where Nordic-Baltic collaboration could help most.

Mentimeter

What is the biggest issue with OMOP?

Comments?

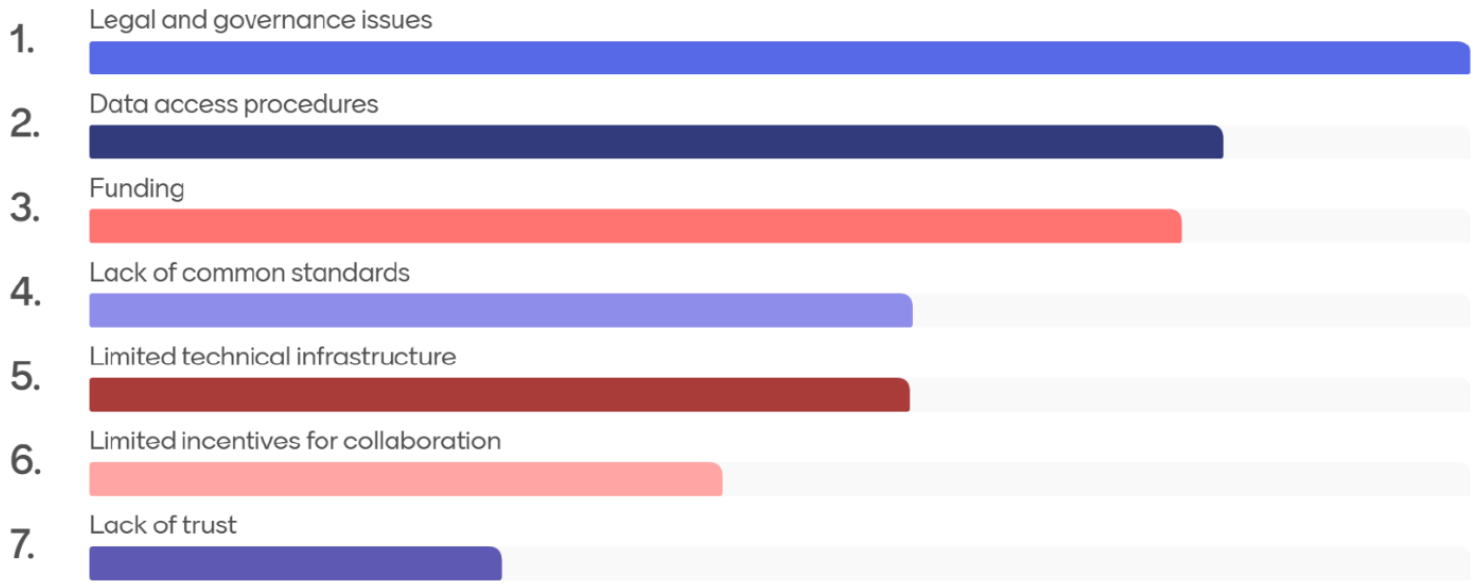


The strongest barriers were not primarily technical

Ranked barriers to Nordic health-data collaboration

Mentimeter

Rank the biggest barriers to Nordic health data collaboration today



NIPH

What this challenges us to do

1. Connect technical work to governance and access pathways.

2. Make implementation costs and maintenance visible.

3. Reuse shared solutions where possible instead of solving the same problems nationally (or regionally or locally).

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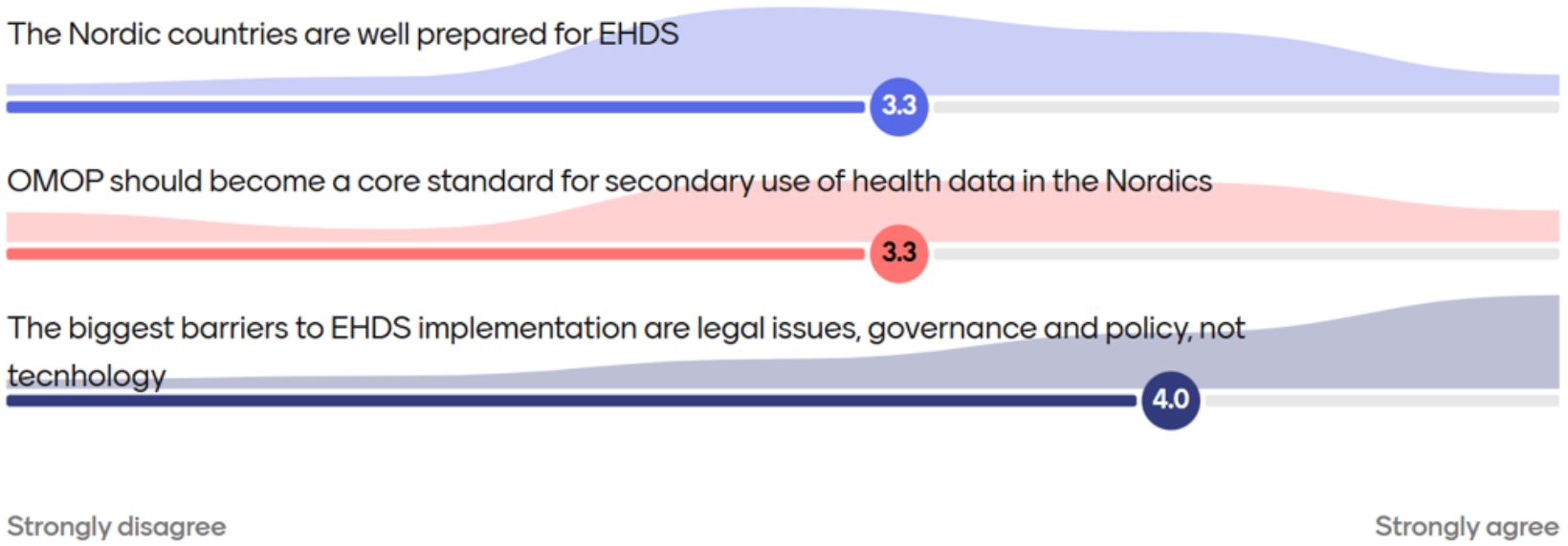
Mentimeter

Rate the following statements



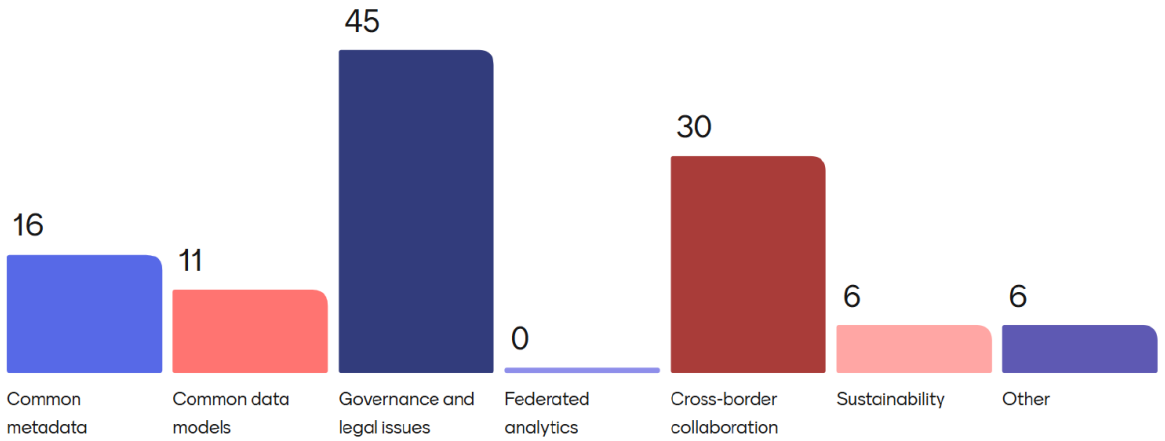
NIPH

The priority signal: make collaboration usable

What should be prioritised over the next three years?

Mentimeter

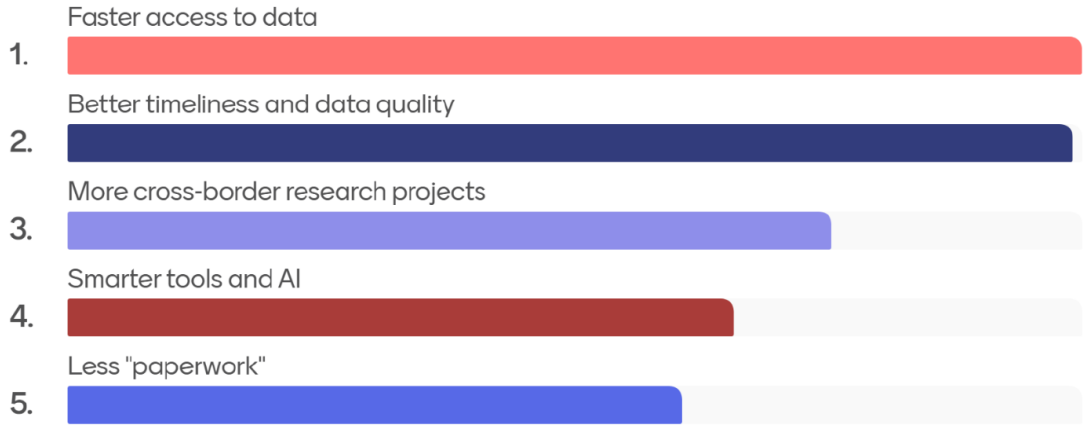
What should be our top priority during the next 3 years?



NIPH

Mentimeter

If you had €5 million to improve health data research in the Nordics, what would you prioritize?



NIPH

Governance and legal issues came first in the three-year priority question. When funds were made concrete, faster access and better timeliness/data quality came before smarter tools and AI.

Which finding is most transferable beyond the Nordic setting?

A Different OMOP maturity levels

B Governance and access issues dominate

C Cross-border scale matters most for small populations

D Practical usability outranks advanced tools

What is missing or different in your setting?

Advice from the Nordic room clustered around six needs

Open-text responses on what the Nordic OMOP nodes should do next

Expand

Invite new sites and countries

Show impact

Make results and value visible

Map & quality-check

Share mappings, procedures and validation

Share examples

Publish reusable use cases and code

Collaborate

Create regular cross-node work

Support & communicate

Help newcomers and maintain clear channels

The common thread: lower the cost of the next implementation by making previous work easier to find, trust and reuse.

European follow-up

1 Create a shared inventory

Mappings and ETL assets
Quality checks and metadata
Reusable study packages

2 Form focused peer groups

Onboarding / maturity
Governance and access interfaces
Rare disease or small-population use cases

3 Show value through reuse

Select one asset to reuse
Document effort saved
Share the story across nodes

We already do most of these things... but how to do it even better? And what is still missing?

What the Nordic health data community asks for

A Share existing mappings, ETL components and QC methods

B Collaborate on discussions on governance and data access

C Bring cross-border use cases, particularly for small populations

D Help define how we document and demonstrate reuse

How do we overcome the scepticism and help the non-OMOP-users overcome the initial hurdles?

Mapping population-based cancer registries in Europe: coverage, data availability, and capacity for real-world data generation

Advancing population-based cancer registries through the OHDSI OMOP Common Data Model: governance, validation, and interoperability for cancer research

WP6.4: BLUEPRINT FOR LINKING TO DATA SOURCES

6.4.1

Landscape & roadmap
Mapping relevant data sources, barriers & enablers, and defining a roadmap for future data linking.

1

6.4.2

Technical pilots
Pilots on OMOP-based linking and feasibility of aggregated data linking.

2

6.4.3

Guidelines & dissemination
Standardised protocols, guidelines, and training materials for PBCRs and partners.

3

Data protocol for the

European Cancer Information System (ECIS)

Organised by

the European Commission's Joint Research Centre (JRC) and the European Network of Cancer Registries (ENCR)

Challenges

- OMOP is not perfect
  - Loss of granularity
  - Unmappable concepts
  - Same concept does not always equal same meaning
  - Quality measures and metadata descriptions are important
- And...
  - OMOP requires investment (money, people, work)
  - OMOP requires interdisciplinary collaboration
  - OMOP requires sustainability!



What we take forward

Three messages from Oslo to OHDSI Europe

01 Connect people, learn together and support each other

The community must support entry, implementation and advanced reuse.

02 Treat governance and access as part of implementation

Technical harmonisation alone does not make collaboration usable.

03 Share, reuse don't reinvent, and solve real problems

Every shared asset should make the next OMOP project easier than the previous one.



04

COLLABORATIONS & SCHEDULE

Connecting opportunities,
upcoming activities & next steps
for the OHDSI EU community



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Schedule spotlight

OHDSI RELATED EVENTS	
Nov 19	OHDSI UK Community Webinars: **PREGNANCY** THEME

EDUCATIONAL ACTIVITIES	

OHDSI SYMPOSIA	
Nov 13-15	OHDSI APAC
Nov 17-18	OHDSI Canada
Nov 24	Sweden symposium
Dec 11	OHDSI India
Apr 24-26	OHDSI Europe

Collaborations



Don't see your logo? E-mail as at europe@ohdsi.org and we will add it!

Thanks for joining!

- See you on our next call
- Contribute to this call with your project, publication or news?

  europe@ohdsi.org

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