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# Implementing the FAIR data principles: The Ethnic and Migrant Minorities' Survey Registry

Laura MORALES Sciences Po (CEE, LIEPP, CNRS)

Ami SAJI Sciences Po (CEE, CNRS)



SciencesPo



# Housekeeping rules

- The sessions will be **recorded** and made **available afterwards**.
- Please stay **muted** and keep your **video off** during presentations.
- You can ask your **questions in the chat** throughout the session.

# Learning objectives

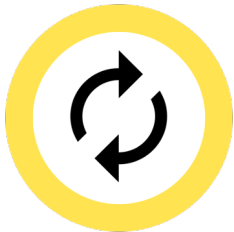
Today's discussion is intended for both **data users** and **data producers**. It will explore and explain:



How the EMM Survey Registry was conceptualised and developed by the ethnic and migration studies data community in line with the **FAIR (findable, accessible, interoperable, reusable) principles**



How the EMM Survey Registry and its survey-level metadata can be used and leveraged for different research and policy-related work



How the EMM Survey Registry has been set up, so it can be sustained and updated in the months and years to come

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**The ethnic and migration studies data  
community**

# Participants and structure

The **ethnic and migration studies data community** brings together **various stakeholders** of **quantitative survey research** undertaken with **EMM populations**. For the purposes of executing its scientific work, the data community is organised into three distinct groups:



## Task 9.2 team of SSHOC

- Participates in and contributes to SSHOC on behalf of the data community
- Primarily coordinates and manages the scientific work



## ETHMIGSURVEYDATA

- An international network funded by the COST Association with more than 200 EMM-focused researchers from Europe and beyond
- Provides the intellectual impetus for the scientific work



## FAIRETHMIGQUANT

- An Open Science project funded by the French Agence Nationale de la Recherche (ANR)
- Ensures the inclusion of French surveys in the scientific work

# Planned deliverables

The ethnic and migration studies data community is striving to make **quantitative survey data on ethnic and migrant minorities (EMMs) more accessible and (re)usable** to a wide range of users in Europe and beyond. As part of SSHOC, this data community has planned for **two deliverables**:

## FOCUS OF TODAY'S DISCUSSION



Launching the **EMM Survey Registry**: a free online tool that will be FAIR and will display compiled survey-level metadata for over 800 quantitative EMM surveys from over 30 different European countries (**Beta version live**)



Testing the feasibility of setting up, as part of the CESSDA-led European Question Bank (EQB), a component dedicated to EMM surveys identified via the development of the EMM Survey Registry (**In progress**)

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SSHOC

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**The EMM Survey Registry: Helping to  
make EMM survey data FAIR**

# Adopting the FAIR principles

The [EMM Survey Registry](#) has been designed and developed **in line with the FAIR principles**, so that a wide range of users can untap the potential of quantitative surveys undertaken with EMM (sub)populations.



## Findable

- Easier to locate surveys, as the EMM Survey Registry is like a 'census' of existing surveys
- Easy to navigate information (i.e. metadata) about each survey due to the user-friendly interfaces (front and back-end) and the systematic documentation of the information (via a metadata schema)



## Accessible

- Metadata about each survey are made publicly available online
- Metadata about each survey specify how to access the data set(s), technical documentation, questionnaire(s), and other relevant publications



## Interoperable

- Metadata are set up so that they can be easily shared with humans
- Metadata are also set up so that they can easily be shared with machines (primarily other social sciences data archives and repositories)



## Reusable

- Metadata are detailed, informative, organised, and structured; metadata itself can be used for research
- Reuse of the survey is promoted/facilitated since the metadata include information about how to access the relevant original sources (e.g. data set(s), technical documentation)



# Methodology

## *Constructing the EMM Survey Registry*

The **EMM Survey Registry** is intended to be a FAIR tool that can serve as a **single access point to metadata** on surveys undertaken **across Europe since January 2000** with a **substantial number of EMM respondents**. Given these objectives of the EMM Survey Registry, the following **methodological decisions and protocols** were implemented:



### **Delimiting the scope**

To be included, a survey had to be quantitative and sample-based, focusing on at least one dimension of EMM integration. It also had to meet certain sample size criteria



### **Defining the search process**

To homogenise how countries looked for surveys, a detailed document with specific search guidelines was produced and used by all participating parties



### **Documenting the metadata**

Each country was instructed to fill out metadata about each identified survey using an Excel-based template with over 200 metadata variables



### **Establishing quality checks**

A multi-stage and rigorous version control process was designed to be applied to all the compiled metadata in every country

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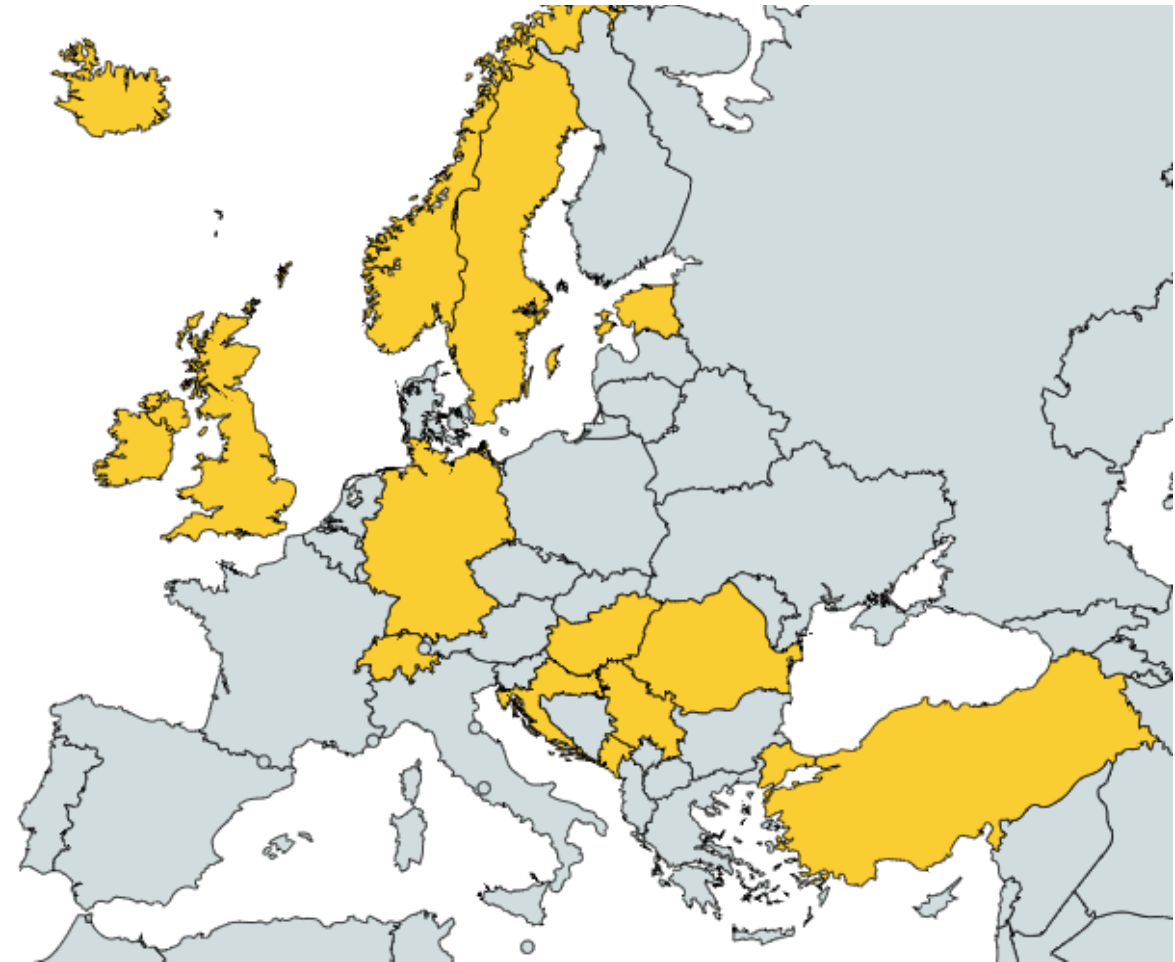


# The EMM Survey Registry: Beta version

# Compiled metadata

The [EMM Survey Registry](#) currently captures almost 500 surveys from **14 different countries**:

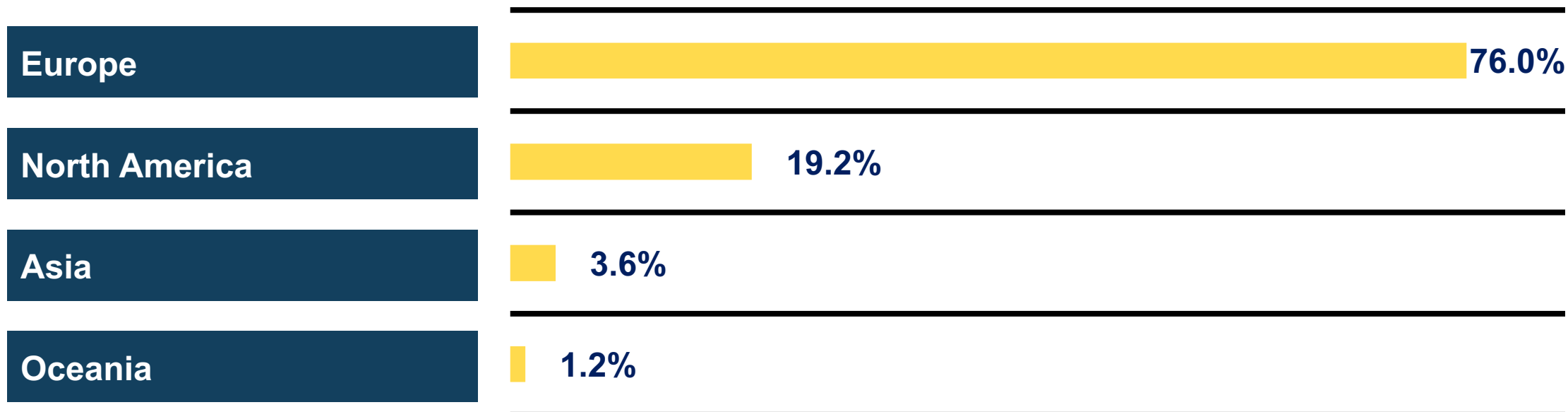
- Croatia (n=37)
- Estonia (n=12)
- Germany (n=78)
- Hungary (n=33)
- Ireland (n=21)
- Iceland (n=7)
- Montenegro (n=10)
- Norway (n=9)
- Romania (n=9)
- Serbia (n=12)
- Sweden (n=45)
- Switzerland (n=10)
- Turkey (n=24)
- United Kingdom (n=179)



# Current users

The [EMM Survey Registry](#) is intended to serve a wide range of users (e.g. (non)academic researchers, policymakers) in Europe and beyond.

In October 2020, it had over **400 visitors** from across the globe, most notably from Europe and North America.



# Front-end functionalities

## EMM Survey Registry

The EMM (Ethnic and Migrant Minorities) Survey Registry is a database of quantitative surveys that have been undertaken with EMM (sub)samples across Europe and beyond. Survey-level metadata is available for each of the surveys included in the EMM Survey Registry. Explore and learn about the different surveys and find specific surveys using the search, filtering (simple and advanced) and sorting features. Once the desired filtering, sorting and/or search parameters have been identified/selected, the list of surveys will be automatically updated.

Access to advanced filtering

Simple filtering (Advanced)

1.0. COUNTRY

UNITED KINGDOM

1.5. SCOPE OF SURVEY

National (48)

Subnational (113)

1.9. REPRESENTATIVE OF THE POPULATION

Yes (47)

No (1)

1.10. TYPE OF SURVEY

Single cross-section (4)

Repeated cross-section (multiple waves with different samples) (25)

Longitudinal/panel survey (multiple waves with the same or partially overlapping samples) (19)

Simple filtering

Free text search: search for country, keyword, institution, scope, etc.

Help

Keyword search

Showing: 1 - 25 of 48 search results

Sort by: [country](#) | [scope](#) | [region](#) | [start date](#) | [end date](#) | [EMM target population](#) | [sample size](#)

Sorting

[Clear all selections](#) [Advanced filtering](#)

Access to advanced filtering

1.5. Scope of survey: National

1.0. Country: United Kingdom

Filter summary

United Kingdom

[Understanding Society: Wave 1](#)

Understanding Society: Wave 1

Access to full record about a survey

Scope of survey: National

Name of region(s) Eng.:

If subnational, type of subnational area: -

Starting date of survey: 2009-01-08

End date of survey: 2011-03-07

Survey in development/not yet completed: No

Date when the survey first became a part of an international survey programme: Not applicable

EMM target population: All residents of ethnic minority identification in the city/region/country

Survey designed as a general population survey: Yes

Total net/achieved sample: 33178

Language(s) of technical survey documentation in ISO code: ENG

Institution/team responsible for data production: Institute for Social and Economic Research (ISER), University of Essex

Institution/team that owns the data: Economic and Social Research Council (ESRC)

XML

Abbreviated record about a survey

**Demo of the front-end of the EMM Survey Registry:**  
<https://ethmigsurveydatahub.eu/emmregistry/>

# Back-end functionalities

## Sustainability of the EMM Survey Registry

Easy to **adapt** and  
**adjust** the metadata  
schema

Easy to implement  
updates that **enhance**  
user experience

Easy to **add** and **edit**  
metadata



Administrators



External users

**Demo of the back-end of the EMM Survey Registry:**  
<https://registry.ethmigsurveydatahub.eu/nova/login>



# Moving beyond the beta version

As the beta version of the [EMM Survey Registry](#) is **fully functional** and **already displays metadata** for almost **500 surveys** from **14 different countries**, the next steps are to:



Open up the back-end of the EMM Survey Registry to external users, so that they can start contributing metadata



Continue to add metadata that has been compiled by the ethnic and migration studies data community



Identify specific updates that need to be made to further enhance the user experience of the EMM Survey Registry

# Thank you!

## Questions/comments?

Get in touch by emailing [sshoc.project@sciencespo.fr](mailto:sshoc.project@sciencespo.fr)

## Want to learn more?

Check out our [EMM Survey Registry](#), [website](#), and [Zenodo page](#)

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