

DRC/MMC

Terms of Reference (ToR)

for a

Data analyst - Migration paths of children and youth in West and North Africa

1. Who are the Danish Refugee Council (DRC) and the Mixed Migration Centre (MMC)?

Established in 1956, the Danish *Refugee Council* (DRC) is one of the largest international NGOs and one of the few organizations with specific expertise in the field of forced displacement. With 9,000 employees in 40 countries, and supported by 7,500 volunteers, the DRC protects refugees and other populations and communities affected by displacement, promotes their rights and helps them build a sustainable future. The DRC intervenes at all stages of displacement: during acute crises, during displacement, during settlement and integration in a new location and/or upon return. The DRC provides protection and vital humanitarian assistance; helps displaced people to support themselves and integrate into host societies; and works with civil society and the responsible authorities to promote the protection of rights and peaceful coexistence.

The Mixed Migration Centre (MMC) is a major source of high-quality, independent data, information, research, and analysis on mixed migration. MMC is part of, and administered by, the Danish Refugee Council (DRC). MMC's flagship data collection mechanism, 4Mi, provides regular, standardized, quantitative and globalized primary data on mixed migration flows, including data on individual profiles, migration drivers, means of transport, travel conditions, smuggler economics, aspirations and destination choices. By providing expertise and credible evidence (quality data, information, independent research, and analysis), the MMC aims to help agencies, policymakers and practitioners make informed decisions, have a positive impact on global and regional migration policies, contribute to protection and assistance responses for people on the move, and stimulate forward thinking in the sector responding to mixed migration. MMC currently operates in West, North and East Africa, Asia, Central America and Europe (Italy and Greece). It conducts over 10,000 interviews a year, which are analyzed and published in various research reports, briefing papers and 4Mi Snapshots.

2. Purpose of the consultancy assignment

The MMC office for the WANA region is seeking proposals for consultants to carry out a descriptive analysis of existing 4Mi data focusing on the migration pathways of children and youth in West and North Africa.

3. Context

The "Children and Youth on Migration Routes in North and West Africa" project is financed by the Swiss Confederation, represented by the Federal Department of Foreign Affairs acting through the Swiss Agency for Development and Cooperation (SDC). The project is run by the Consortium of "HELVETAS Swiss Intercooperation", the "Terre des Hommes Foundation" and the "Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH". The MMC is part of the project's extended Consortium. In its main phase (2022-2024), the "Children and Youth on Migration Routes in North and West Africa" project aims to address the challenges faced by children and youth on the move (CYM) in North and West Africa, in a systemic and sustainable way. The project's mission is to improve support for CYMs through a transformative effect on national and regional systems for protection, education, integration, and the creation of opportunities.

Within the framework of this project carried out in five countries (Mali, Niger, Guinea, Morocco, Tunisia), MMC's objective is to provide data and analysis on children and youth on the move, to enable stakeholders to design and implement context-specific programs, and to advocate the inclusion of the main risks in terms of protection and access to education and professional integration in existing national and regional services and mechanisms. MMC has developed a quantitative survey module specific to this project (EJM module), which complements its 4Mi data collection mechanism. Its deployment has resulted in the collection of 6,650 questionnaires from youth and caregivers on the move in Mali, Niger, Guinea, Morocco and Tunisia between 2022 and 2024.

4. Objectives of the consultancy assignment

Based on the 4Mi data collected in the 5 countries where the EJM project is being implemented, the consultant's mission will be divided into two phases:

1. Identify at least two typical migration routes (one intra-regional and one inter-regional) from the itineraries taken by two subsamples of respondents to the EJM module of the 4Mi survey.
2. Present a descriptive analysis of the migration experiences of the two sub-samples in terms of protection, education, and economic integration.

5. Mission scope and methodology

During the assignment, the consultant will be required to perform the following specific tasks and responsibilities:

Step 1 - Identification of two typical migration routes and sub-samples :

From the 4Mi database collected from 6,650 youth and caregivers on migration routes in Mali, Niger, Guinea, Morocco, and Tunisia from 2022 to 2024 :

- Finalize the preparation and processing of the database and the harmonization of 4Mi data on migration routes (countries and localities crossed).
- Explore 4Mi data on migration routes (25 variables; 20 single-choice, 5 multiple-choice).
- Identify at least two typical migration routes (one intra-regional and one inter-regional) based on the countries and localities crossed by respondents.
- Visualize the two typical migration routes, preferably in the form of an infographic and/or map.
- Analyze and visualize (in the form of graphs or tables) the socio-demographic characteristics (profiles) of the two subsamples of respondents, including at least 6 single-choice variables (age, gender, nationality, level of education, migratory status and categories of respondent - youth or caregivers).
- Present the two typical migration routes and their respective sub-samples to the members of the "Children and Youth on Migration Routes in North and West Africa" project consortium for incorporation of their comments/adjustments, refinement of the analysis and disaggregation variables from step 2 and validation.

Corresponding deliverables: (i) computer graphics and/or mapping of at least 2 migration routes, (ii) 2 data files with analyses, (iii) descriptive report on the socio-demographic characteristics of the 2 sub-samples.

Step 2 - Analysis :

- Identify, in collaboration with MMC's *Regional Research Coordinator*, [60; 80] analysis variables ([20; 30] single choice; [40; 50] multiple choice) on the themes of (i) protection, (ii) education, and (iii) economic insertion.
- Identify, in collaboration with MMC's *Regional Research Coordinator*, [2; 4] disaggregation variables.
- Analyze data from the two sub-samples set up in step 1 on the themes of (i) protection, (ii) education, and (iii) economic integration, using single-choice, multiple-choice and disaggregation variables pre-identified and validated by MMC's *Regional Research Coordinator*.
- Display the above-mentioned descriptive analyses for the two sub-samples in tabular and/or graphical form.
- Visualize, in infographic and/or cartographic form (preferably), the perceived protection risks at the various stopping points along the two (minimum) typical migration routes.

Corresponding deliverables: (iv) descriptive analysis report, (v) computer graphics and/or mapping of protection risks

How we work

The consultant will be supervised by the MMC team. He/she will participate in regular follow-up meetings, including with members of the "Children and Youth on Migration Routes in North and West Africa" project consortium, to ensure that the analysis is properly integrated with the study's programmatic framework.

6. Products/results

In the course of the assignment, the consultant will produce the following deliverables:

- **L1** - Computer graphics and/or cartography of at least 2 migration routes.
- **L2** - 2 data files corresponding to the two sub-samples of the two typical migration routes.
- **L3** - Descriptive report on the socio-demographic characteristics of the 2 sub-samples
- **L4** - Descriptive analysis report on the themes of (i) protection, (ii) education and (iii) economic integration along the routes identified.
- **L5** - Computer graphics and/or mapping of perceived protection risks at the various stopping points along the two (minimum) typical migration routes.

Summary table of expected products :

Deliverables	Deadline	Nbr of days
- L1 - Computer graphics and/or cartography of the 2 migration routes	19/07/2024	5
- L2 - 2 databases	19/07/2024	1
- L3 - Descriptive report on the socio-demographic characteristics of the 2 sub-samples	19/07/2024	4
- L4 - Descriptive analysis report	05/08/2024	10
- L5 - Computer graphics and/or protection risk mapping	01/09/2024	5
Total working days :		25

The consultant will provide the documentation by e-mail.

Language of services: all development work and exchanges will be in French or English; final versions of services will be in French or English.

7. Duration, schedule and payments

The total duration of the entire assignment will not exceed 25 working days.

The consultant must be willing to complete the assignment no later than 01/09/2024.

Payments will be divided into two instalments after validation of deliverables:

- Stage 1: deliverables 1 to 3 (50%)
- Stage 2: deliverables 4 to 5 (50%)

8. Eligibility and qualifications/experience required

- **Qualifications :**
 - Minimum Master's degree in statistics, economics, marketing or IT, or other relevant field.
- **Experience :**

- At least 5 years' experience as a data analyst, gathering/extracting data sources, processing/exploiting data, creating dashboards, producing descriptive quantitative analyses.
- At least 3 publications (editor or contributor to an academic book, article in a scientific journal, analytical report for an international organization) employing a quantitative descriptive analysis methodology.
- One or more publications on the theme of mixed migration are desirable.
- Understanding/knowledge of the West and North African context desirable.
- **Skills and knowledge (eligibility criteria) :**
 - Skills in quantitative data analysis methods.
 - Proficiency in quantitative analysis software (e.g. Excel, Python, BI, R, Stata, etc.).
 - Gender sensitivity.
 - Production of programmatic/public policy analyses and recommendations
- **Language skills :**
 - Fluency in written and spoken **French** and/or **English**

9. Technical supervision

The Consultant will work under the supervision of:

- Margot Genin, Project Manager for West Africa (MMC)

10. Mission location and support

The Consultant will be able to carry out the assignment remotely.

The Consultant will use his/her own computer, software licenses and cell phone.

11. Travel

The Consultant will not be required to travel as part of his/her assignments.

12. Proposal submission process

The application file of consultants eligible for this call must include the documents below:

Technical offer :

1. A **CV** including experience/references relevant to the qualifications and experience listed above.
2. A **methodological note** (maximum 2 pages) describing the steps the consultant will follow to identify typical migratory route(s) from the 4Mi database.
3. A **sample of** report(s) or publication(s) written by the consultant.
4. A **financial proposal** indicating the daily rate and the total cost of the financial offer.