



GLOBAL DATA  
INSTITUTE



**GOVLAB**

## **Technical Workshop on International Migration and Temporary Mobility Statistics**

session9: Innovative data sources for international migration and temporary mobility

17 July 2024

Simone Holladay, IOM-GDI

## BIG DATA FOR MIGRATION ALLIANCE (BD4M)

LAUNCHED IN 2018, CONVENED BY IOM'S GMDAC,  
THE EC KCMD AND THE GOVLAB AT NYU

Building  
knowledge

Facilitating  
research

Connecting  
stakeholders

Capacity  
development



Launch of the Big Data for Migration Alliance, Joint Research Centre, Brussels, 25 June 2018. © European Commission 2018

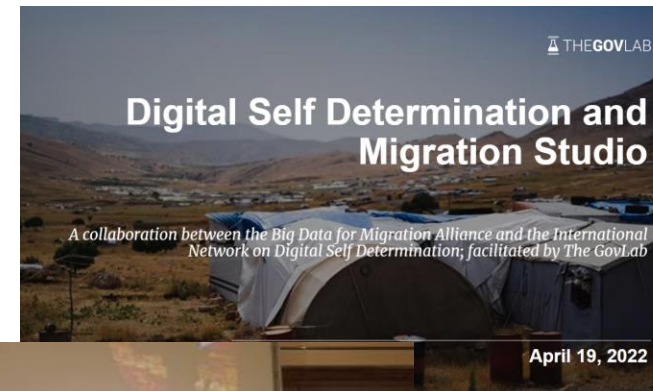
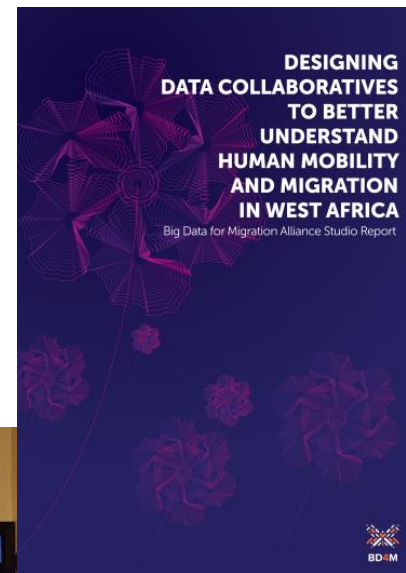
<https://data4migration.org/>

## Examples of BD4M Activities



### Anticipating Migration

Exploring innovative anticipatory methods for migration policy. A blog series to delve into various aspects of these methods, exploring into their value, challenges, taxonomy, and practical applications.



#### BLOG SERIES: PART 7

#### Selecting Anticipatory Methods for Migration Policy: Eight Key Elements To Consider

Over the past several weeks, we've embarked on a journey exploring anticipatory methods for migration policy. Our exploration has taken...

By Sara Marcucci, Stefaan...

[Read More](#)



# Harnessing Data Innovation for Migration Policy: A Handbook for Practitioners



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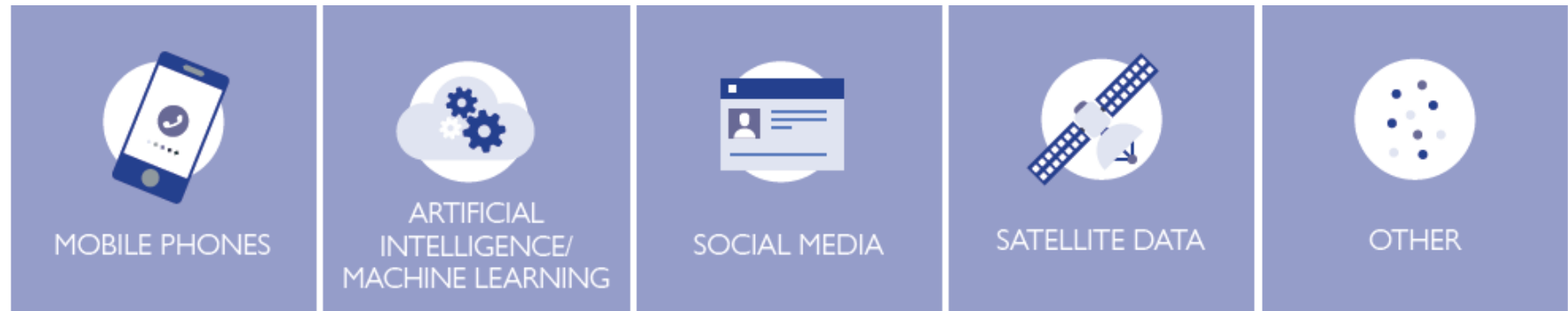


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## Non-Traditional data sources



## Policy and programmatic needs



## Challenges

Data privacy and informed consent  
Bias and discrimination  
Data security



### ETHICAL CHALLENGES

Earning public trust in the face of new data privacy and security risks



### QUALITY CHALLENGES

Distilling accurate information from biased and erroneous data

Selection bias  
Errors and uncertainties  
Reliability

Data ownership  
Private-public sector collaboration  
Accountability frameworks



### DATA AVAILABILITY CHALLENGES

Ensuring effective and secure data access across sectors and countries



### DATA ANALYTICS CHALLENGES

Integrating requirements of traditional and innovative sources and methodologies

Interpretation of results  
Data interoperability  
Skills and capacities



## Key takeaways

New regulatory and ethical frameworks are necessary to reap the benefits and limit the risks of using new data sources and methods

RESPONSIBLE

Cross-sectoral, interdisciplinary partnerships and collaborations are critical to make progress in this area

COOPERATIVE

A clear articulation and definition of problems and needs where data can be used meaningfully should be starting point, avoiding tech-solutionist approaches

PURPOSE-DRIVEN

Data innovation should aim at preventing asymmetries in digital data capacities and addressing existing digital divides and inequalities

INCLUSIVE

# BD4M Studios



3 country cases- Malaysia, Hungary, Italy

Thank you