

This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 870661



## Migration scenarios

Beyond the narratives?

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# Migration scenarios: what's in a name?

## Scenarios vs Forecasting

### Forecasting

Predicting migration

Scenario

What if?

**Quantifying** estimates of future migration flows and stocks

A scenario study does not predict the actual migration flows, but compares different versions of a possible future.

→Scenarios produce narrative storylines: forecasts produce numbers



de Valk et al. (2022)

## Scenarios vs Forecasting: methodology

### Forecasting

Analysing migration data

- Migration intention survey
- ≻Bayesian model
- Spatial interaction model
- Machine learning

**Scenarios** 

**Building storylines** 

- Participatory workshops
- ➤(Delphi) interviews
- Surveys

. . .

- >Actor analysis
- Large-scale mixed studies / computer assisted full scenario generation



de Valk et al. (2022)

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Michaël Boissonneault, Jarl Mooyaart, Petra de Jong, Helga de Valk

QuantMig: The use of migration scenarios in future characterisations: A systematic review and typology

#### Deliverable 7.1



QuantMig has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 870299 Website: <u>www.quantmig.eu</u>

ASSESSING IMMIGRATION SCENARIOS FOR THE EUROPEAN UNION IN 2030

RELEVANT, REALISTIC AND RELIABLE?



nidi netherlands isterdisciplinary demographic isstitute



Making Migration and Integration Policies Future Ready Willefail and Forum on Migration

### Towards 2035 STRATEGIC FORESIGHT

Making Migration and Integration Policies Future Ready





## Summary of existing scenarios (I)

Low economic growth and convergence Lack of international cooperation, political and social inclusion

Slow growth and Shocks. fragmentation inequality and control / Caimans and Technopoly Piranhas in a Drying Pond High economic growth and Inclusive Crisis with growth convergence collaboration Humming Multilateralism Bees on the and economic Global divergence Meadows

Strong international cooperation, political and social inclusion

HumMingBird

Boissonneault & de Jong (2022), Boissonneault et al. (2020), European Union Agency for Asylum (2022), FES (2017) and Sczepanikova & Van Criekinge Tine (2018)

# Summary of existing scenarios (II): key building blocks

### **Demography and society**

- Ageing populations
- >Integration of migrants
- Changing nature of work
- Technological change
- Change in the purpose of migration and integration
- New Stakeholders (cities, superfirms)
- Predicted economic growth

### **International affairs**

- Environmental changes and extreme weather events
- Geopolitical instability and conflict, or international cooperation?
- Shifting Migration Directions

## **Policy-making**

Migration policies as conditioning safety of migration and integration



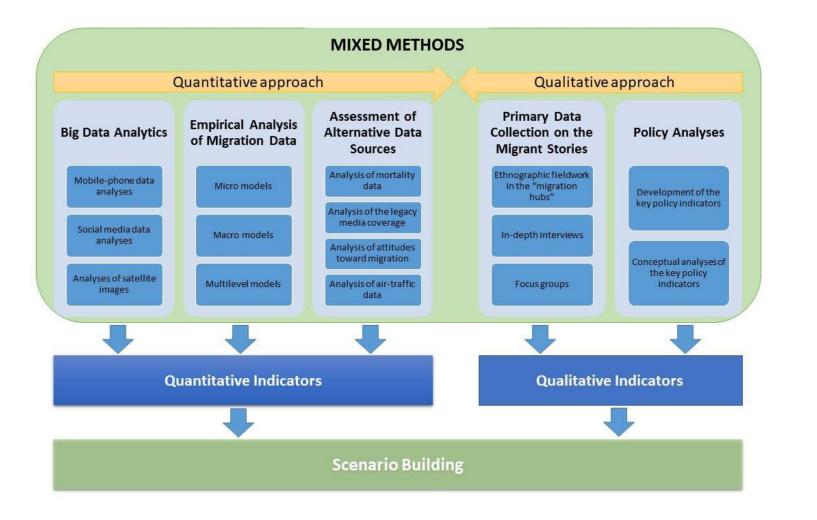
## Challenges of scenarios: going beyond 'stereotypical' futures

- Strong disconnect between migration scenarios and forecasts
- Dichotomies:
- High/low growth
- Strong/no cooperation
- Sending/receiving countries
- Within-European migration often overlooked
- Narratives remain rather opaque
- Eurocentric views
- Probability of scenarios?
- How to capture towards which direction we are heading?



# The HumMingBird perspective

Consolidate, inform and enrich existing scenarios







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