

# The European Commission's science and knowledge service

## Joint Research Centre



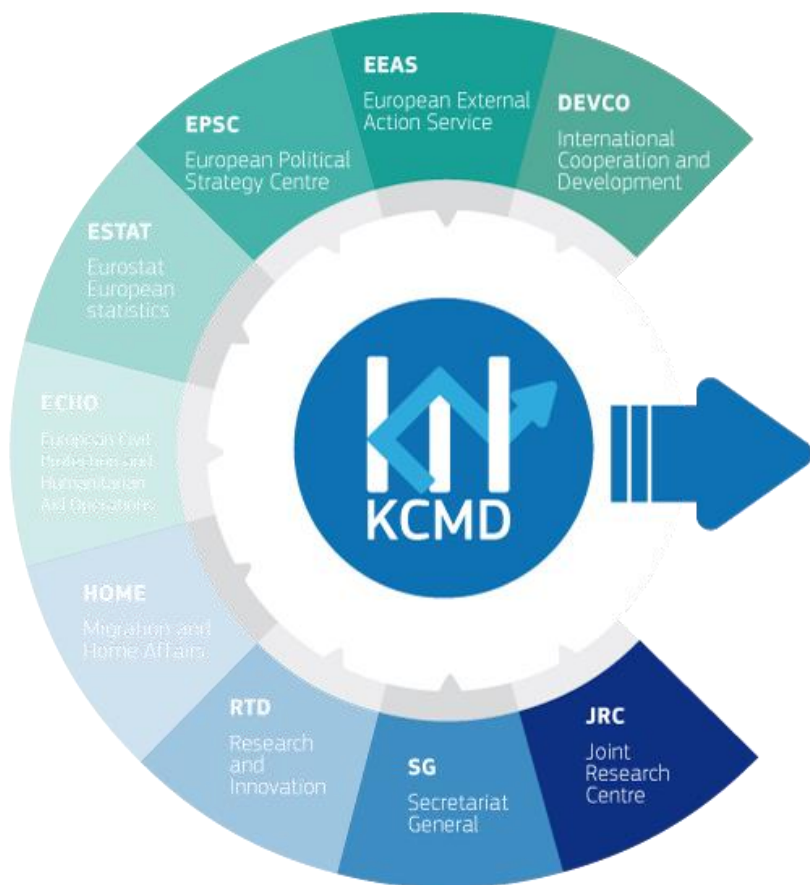
European  
Commission

# Recent migration data and dynamics through the Mediterranean Sea

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Knowledge Centre on Migration and Demography

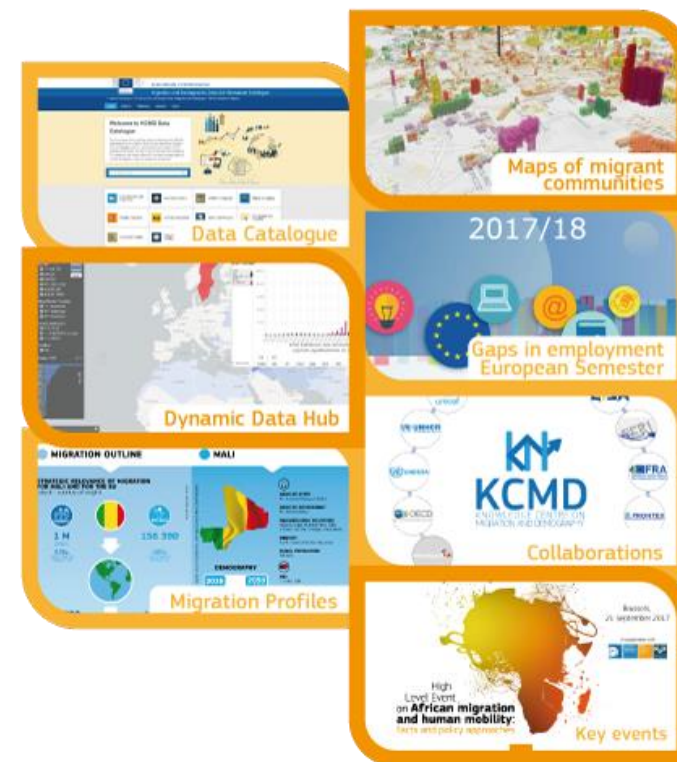
# Knowledge Centre on Migration and Demography



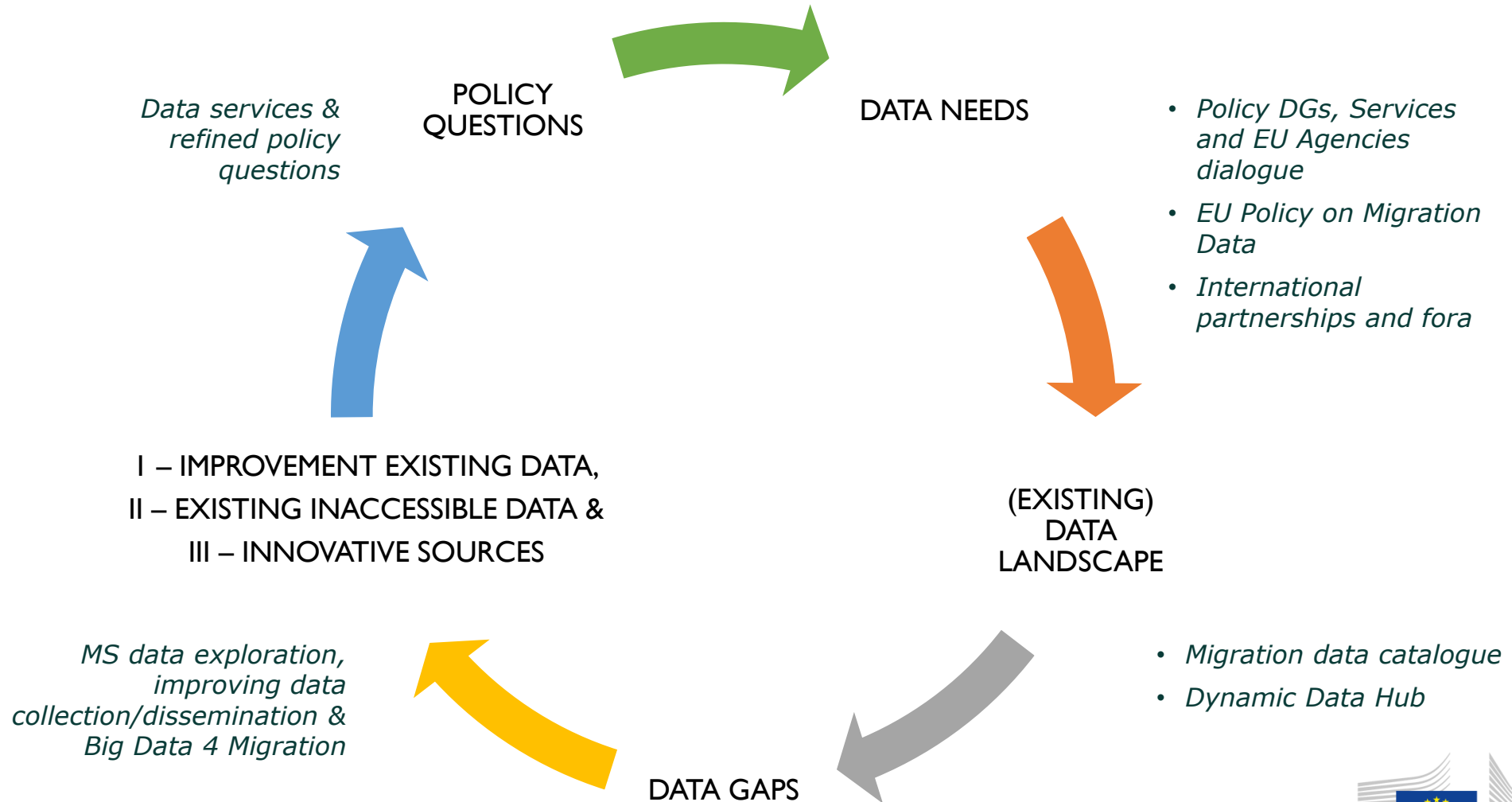
## PRIORITIES



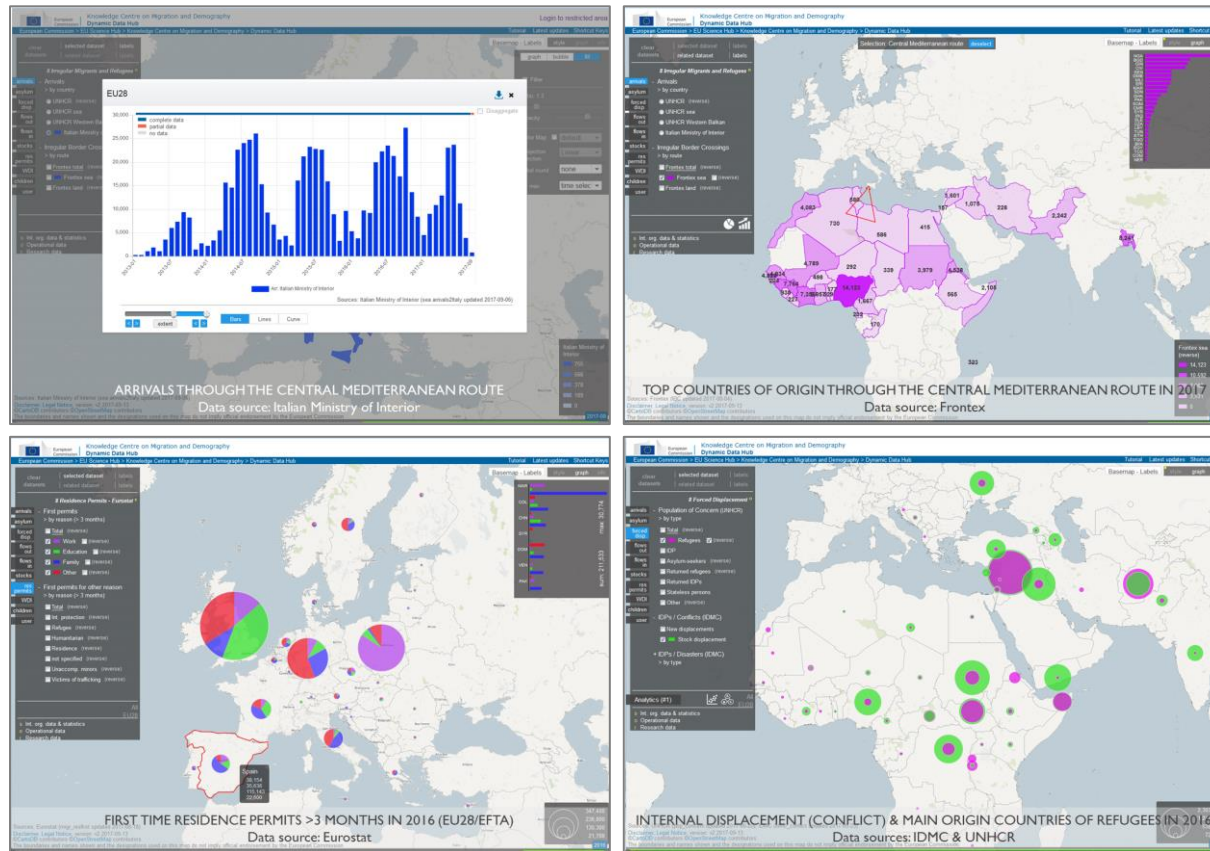
## RESULTS TO DATE



# Improving Migration Data



# The Dynamic Data Hub



**50+ datasets** collected by EU Institutions, Agencies and MSs, and international organisations worldwide

To help policy makers, researchers and stakeholders **to analyse data**

**Cross-domain data** on stocks, flows, children in migration, forced displacement, demographic and socio-economic indicators

the **Dynamic** Data Hub will be enriched with more sets of data...

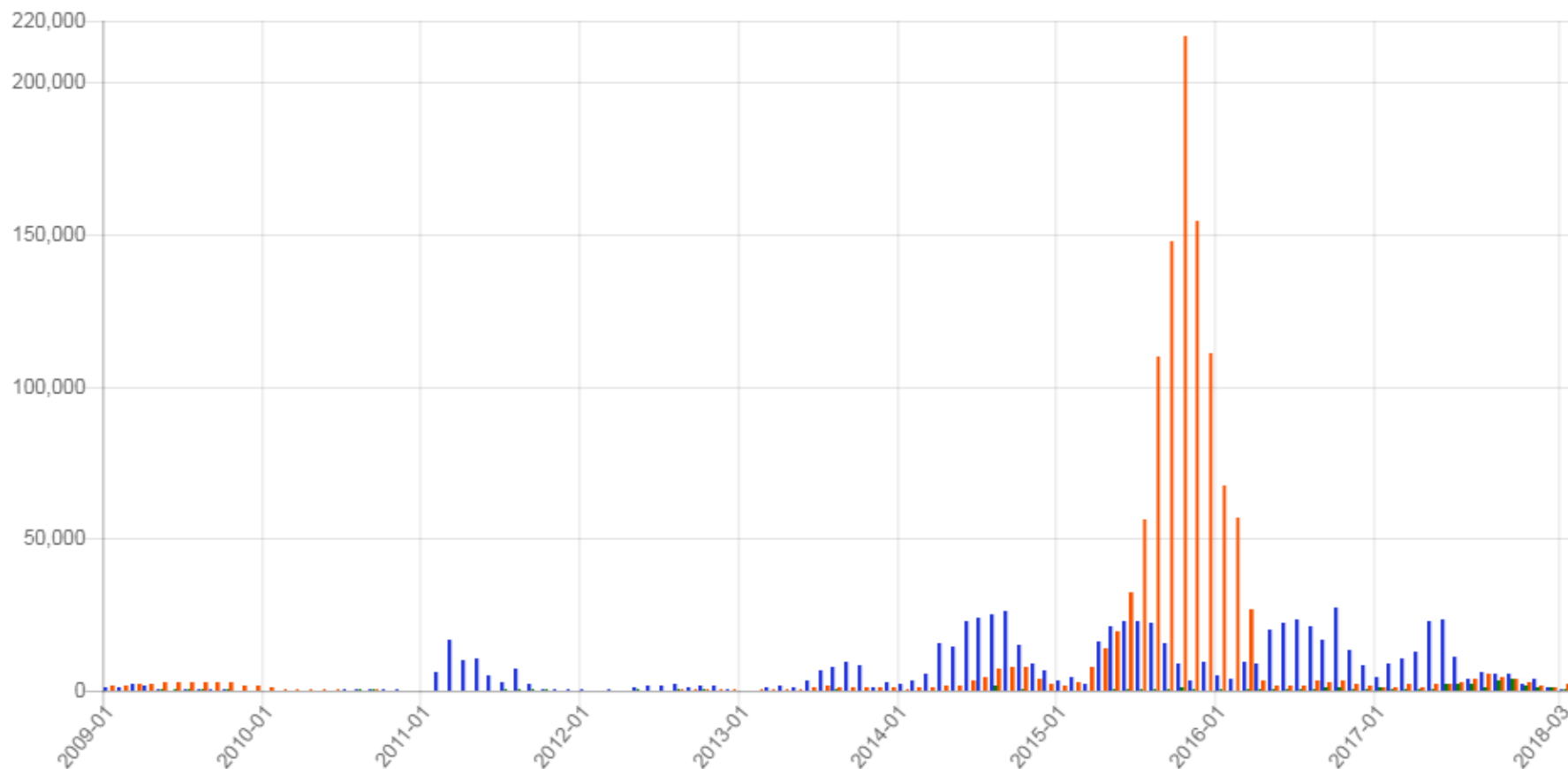
<https://bluehub.jrc.ec.europa.eu/migration/app/index.html>

# Outline

- The main Mediterranean Sea routes
- Legal Migration
- On African Migration
- Labour migration and economic cycles
- Data innovation
- Conclusions



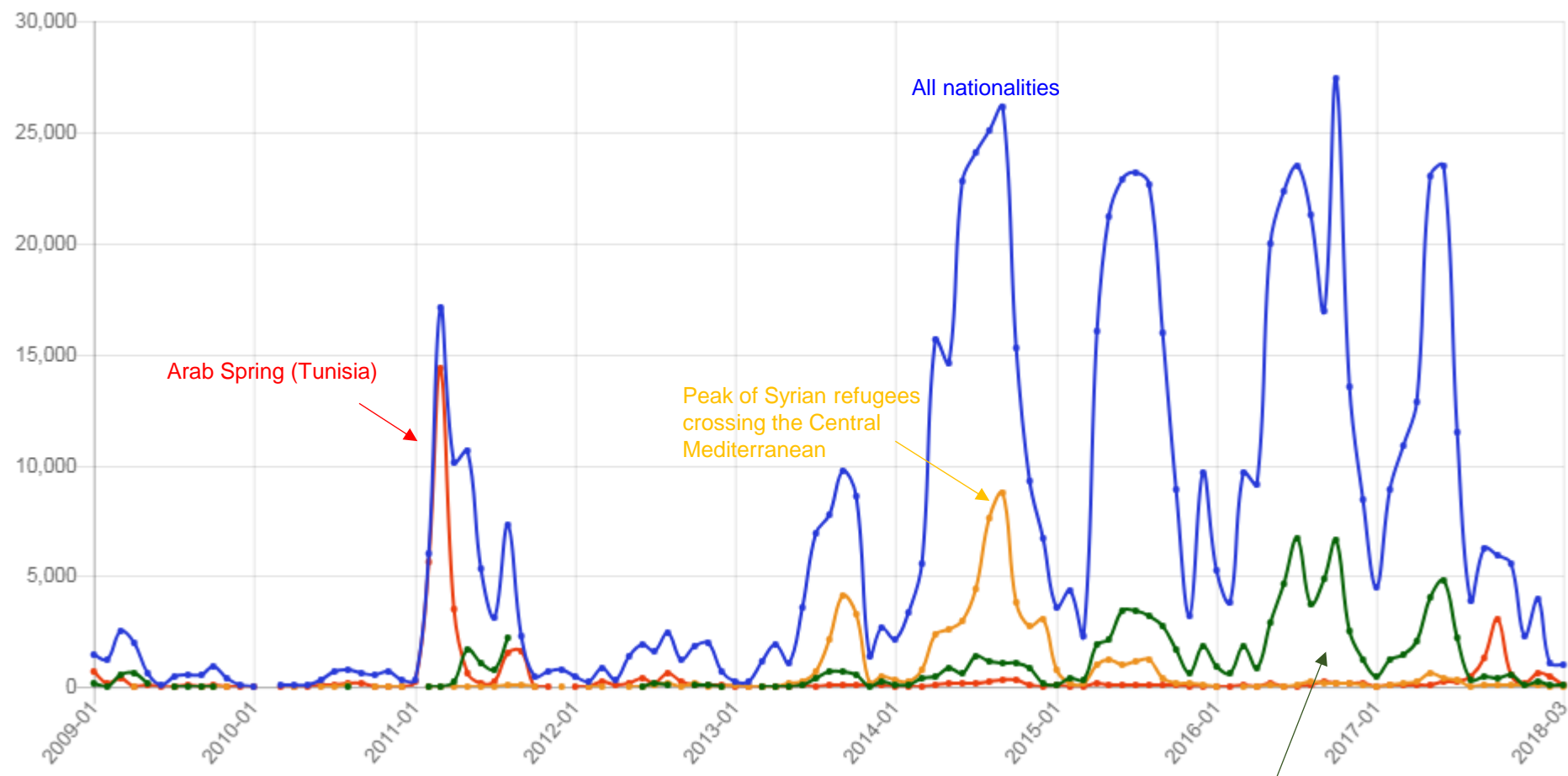
# The main Mediterranean Sea routes



Irregular Border Crossing (IBC) by sea following the Central, Western and Eastern Mediterranean routes

Source: IBCs data, Frontex

# The Central Mediterranean Route

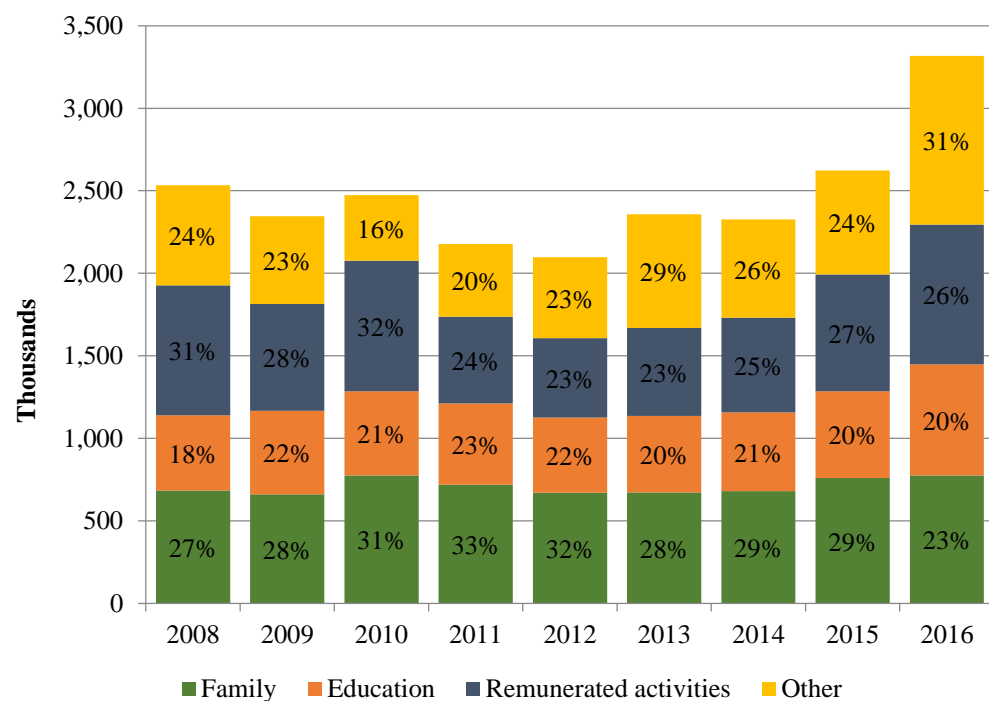


Nigeria as 1<sup>st</sup> IBCs nationality in 2016

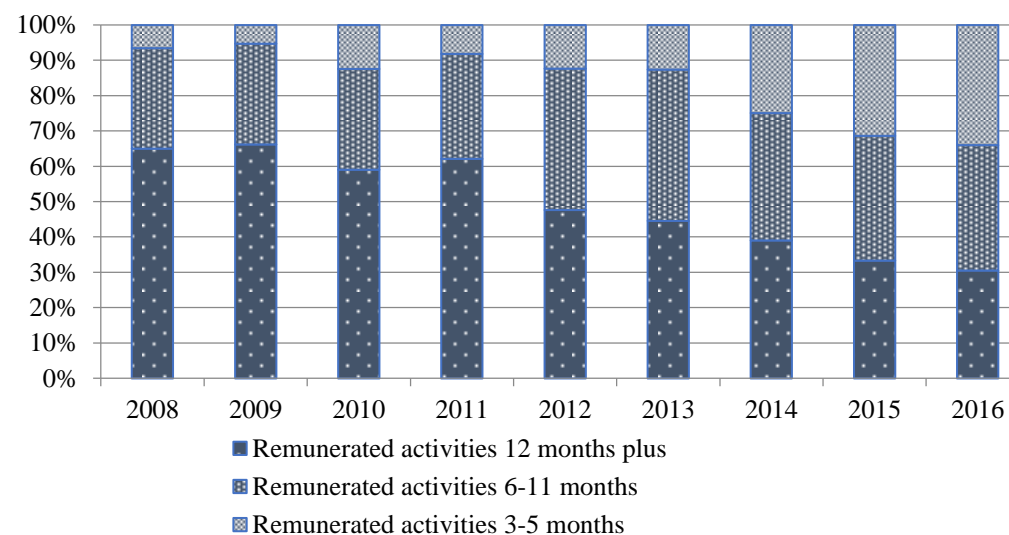


# Residence permits in Europe

## Residence permits by reason

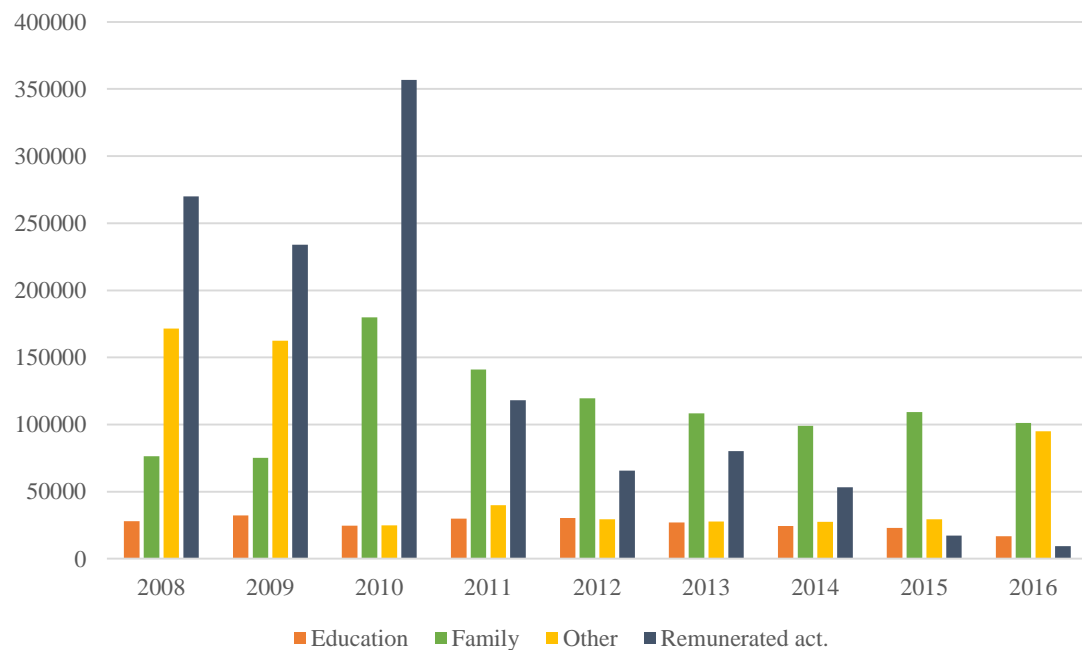


## Work residence permits by duration

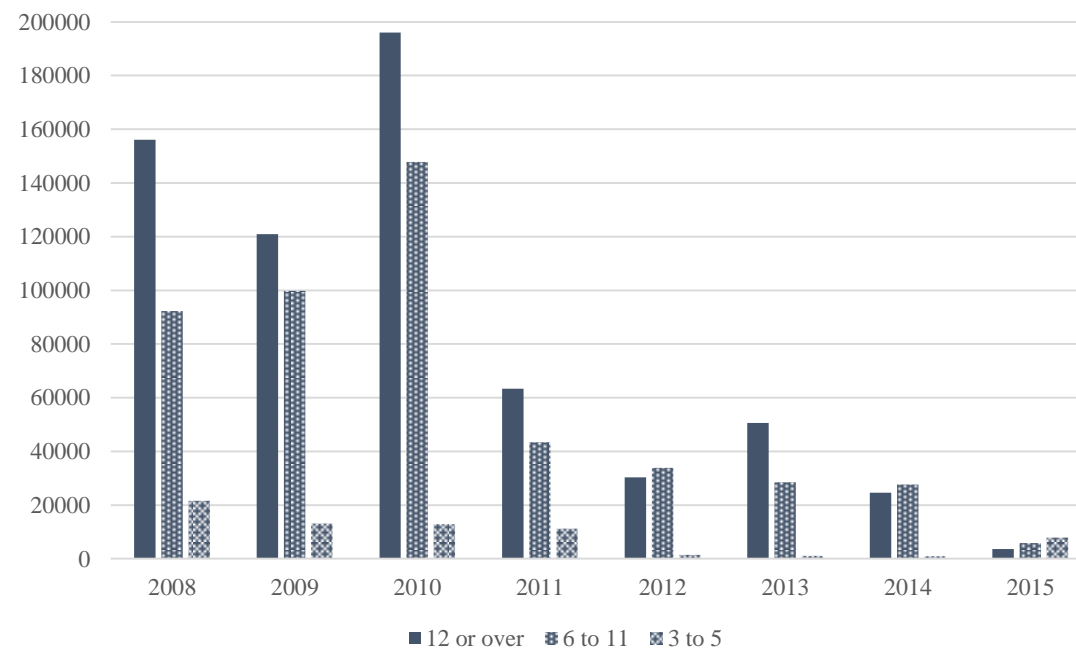


# Italy

## Residence permits by reason

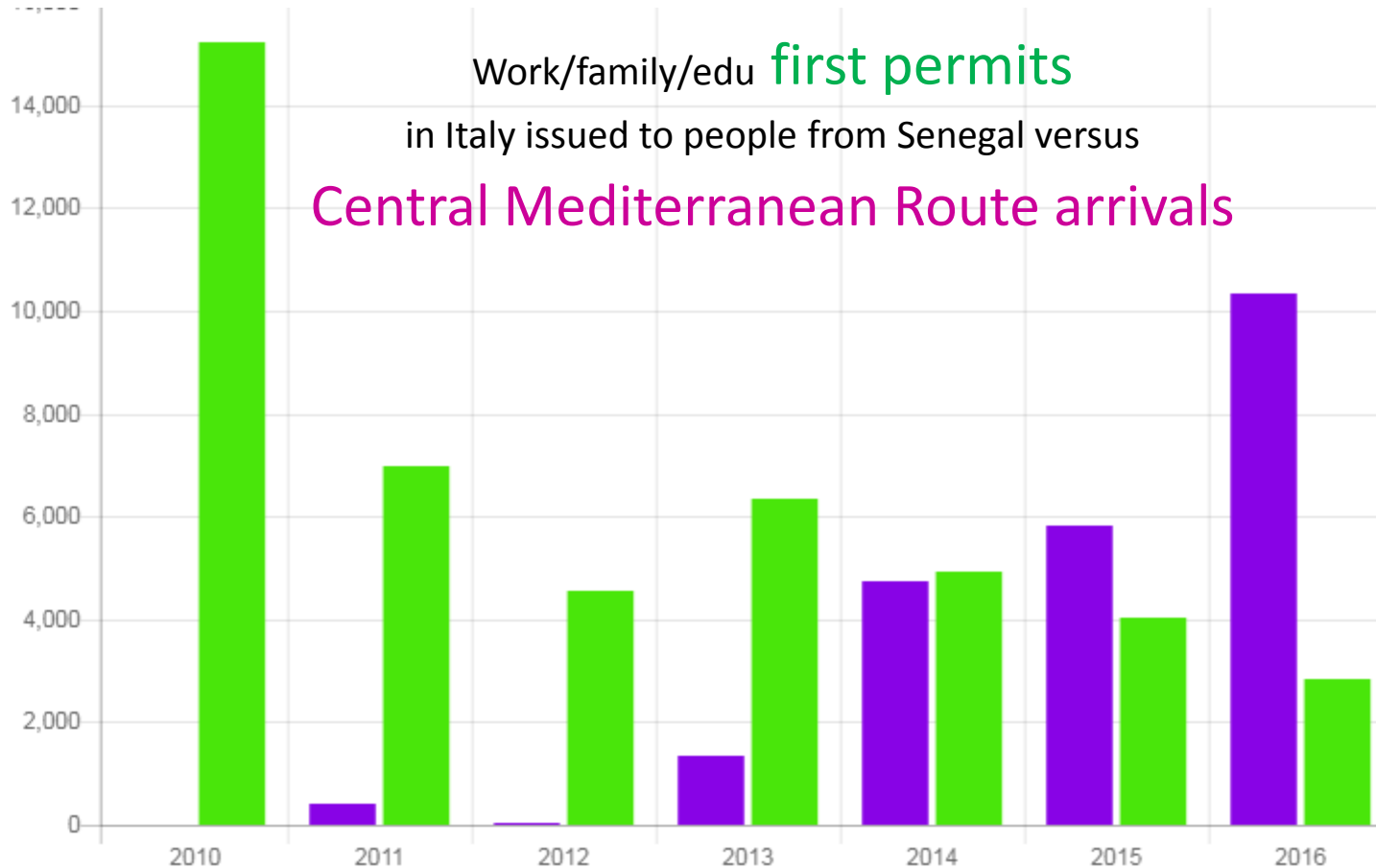


## Work residence permits by duration



# How the flows have changed

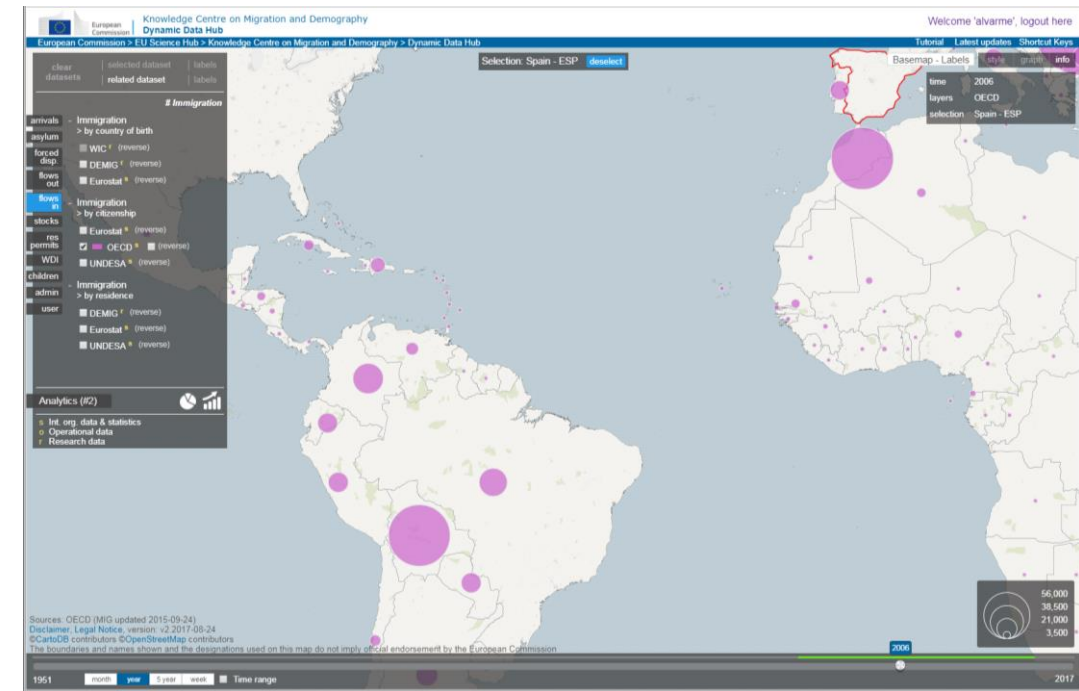
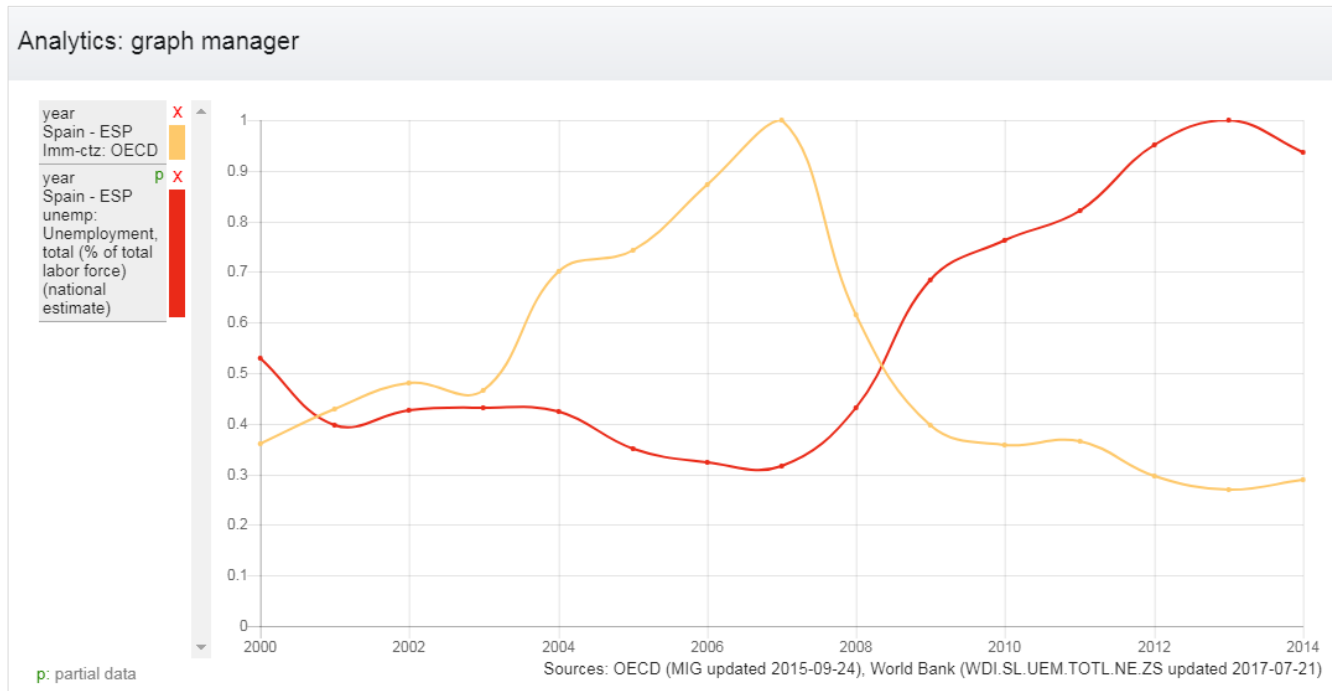
Work/family/edu **first permits**  
in Italy issued to people from Senegal versus  
**Central Mediterranean Route arrivals**



Legal channels have reduced,  
whereas irregular migration and  
refugee flows have increased in  
the last years

# Labour migration and economic cycles

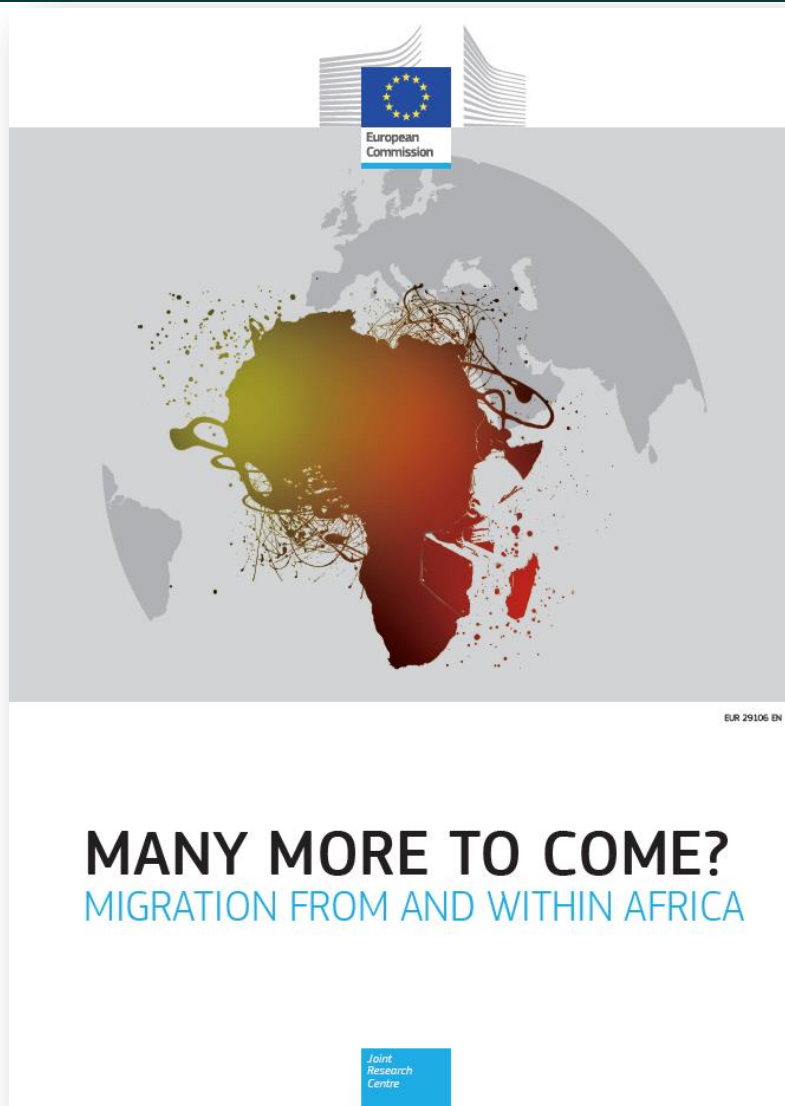
Spain: how migration might follow boom (construction sector) & bust economic (2007) cycles



Sources:

- immigration, OECD
- unemployment, World Bank

# On African Migration



"Many more to come? Migration from and within Africa", Natale F. Munz R., Migali S. DOI 10.2760/1702, Publications Office of the European Union, 2018

- African migration has so far grown in line with overall population growth. The share of Africans living abroad similar to the 1960s
- More than one in two African migrants moved to another African country, while the other moved mostly to Europe, Western Asia or North America.
- Several different regional patterns
- Not possible to predict the extent to which increasing migratory flows will take place within Africa or to Europe, Middle East, Gulf States

# Big Data for Migration Alliance - BD4M



KCMD – GMDAC joint initiative

***Launch Big Data for Migration Alliance  
BD4M – Brussels, 25-June 2018***



<https://bluehub.jrc.ec.europa.eu/bigdata4migration/>

Review latest applications of big data and alternative data sources to support migration policymaking, suggesting pragmatic follow-up steps to expand use of such data sources

## BD4M Alliance goals

- Awareness raising and knowledge sharing
- Capacity building
- Policy oriented research



# Air passenger traffic data for migration



**International air passenger data to study the relation between international mobility and migration as reported by official statistics**

# Conclusions

- Migration data provides key information to better understand migration trends and impact of EU initiatives on migration in the Mediterranean
- African migration has grown in line with overall population growth. Nevertheless, work/family/education channels reduced while irregular arrivals & asylum applications increased from Africa to Europe
- Data innovation as step forward to tackle gaps and migration policy questions



# Any questions?

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<https://ec.europa.eu/jrc/en/migration-and-demography>