

InGRID-2 - Integrating RI for European Expertise on Inclusive Growth from Data to Policy

InGRID-2 infrastructures, current state of play and plans

Roundtable on "Main Gaps in Research Infrastructures in Central-Eastern Europe" Bratislava, 7-8 March 2019







What is a European Research Infrastructure?

HELPING HANDS – FACILITATING RESEARCH

Research infrastructure

= facility or platform that provides resources and services to the scientific community to conduct research

 \rightarrow support researchers to access, order, analyse, store and reuse data and knowledge in ways otherwise impossible

 \rightarrow foster innovation and excellence in scientific research \rightarrow pooling efforts





The InGRID Research Infrastructure

- Inclusive Growth Research Infrastructure Diffusion
- \rightarrow Integrating and opening existing national RIs of pan-European interest:
 - Open up key national RIs to all European researchers and ensure their optimal use and joint development
 - Support "European RIs Networks" bringing together infrastructures in a given field
 - Knowledge transfer: facilitate research with policy impact



Why do we focus on inclusive growth?

- Inclusive growth is considered a major societal challenge and the issue is at the heart of the debate on the future of the EU, after the crisis
- Next to the national level, the EU policy level is increasingly regarded as **key lever to address societal issues:**
 - **EUROPE 2020**: Agenda for smart, sustainable and inclusive growth
 - Employment
 - R&D
 - Climate Change & Energy
 - Education
 - Poverty & Social Exclusion
 - **EPSR**: Delivering new and more effective rights for citizens
 - Equal opportunities and access to the labour market
 - Fair working conditions
 - Social protection and inclusion
- Monitor progress → Data, Methods, Indicators!







FROM DATA

COMPARATIVE DATABASES

HIGH-TECH ANALYTICAL TOOLS

HELP DURING RESEARCH

BETTER REPORTING

... TO POLICY



InGRID-2 Research Infrastructures

DATA

METHODS

INDICATORS

Integrated comparative data

Facts on situation:

- Household microdata (LIS)
- Integrated European Census Microdata (IECM-CED)
- WageIndicator (AIAS, CELSI)
- National best practices (UEssex, TÁRKI, CNAM, DIW)

Policy (indicator) databases:

- Comparative social policy databases (SOFI)
- CSB-MIPI (UA)
- ICTWSS (AIAS)
- IPOLIS (TÁRKI)

Methodological tools

European surveys:

- EU-SILC, EU-LFS (AISSR, LISER, TÁRKI, UA)
- Eurofound (HIVA, CNAM)

<u>Meadow format for linked employer-</u> employee surveys (CNAM)

WISCO classification (AIAS)

EUROMOD (UA, UEssex)

Advanced statistical methods:

- Amelia synthetic dataset (UTrier)
- Dynamic micro-simulation (LISER)

Indicator-building

- Job quality (HIVA, CNAM)
- Poverty (TÁRKI, HIVA, LISER)
- Social policy (UA, SOFI, LISER)
- Statistical quality techniques (UTrier, UNIPI, SOTON)



Target Groups

• Lead users: Social scientists

- Research on poverty and living conditions, working conditions and vulnerability, 'inclusive/social Europe'
- Comparative research providing evidence for policy

• End users: Policy innovators

- European/national politics, administration, civil society
- Pre-users: Data providers
 - European agencies; statistical bureaus; international and national data initiatives of European interest



Three types of activities

Joint research activities:

 Innovative JRA to enhance and enrich the technical quality of the RI, focused on improving data integration and harmonisation, upgrading analytical tools and making progress in indicator-building

Transnational and virtual access:

- Provide convenient and harmonised TNA to the RI based on unified and integrated grant system with required open selection procedures
- Both on-site and virtual access

Networking activities:

- Knowledge exchange activities: mutual learning
- Innovation networking activities: stimulate innovation within and beyond RI, connect to broader networks



Joint research activities – 2 pillars

Poverty & Living Conditions

Data integration & harmonisation (situation & policy)

Evaluation & analysis tools (simulation)

Indicator-building (visualisation, policy innovation)

Working Conditions & Vulnerability

Data integration & harmonisation (situation & policy)

Evaluation & analysis tools (simulation)

Indicator-building (visualisation, policy innovation)

www.inclusivegrowth.eu

How the pillar activities are contributing to the ambition of inclusive growth

Existing RIs & Gaps

Existing RIs:

- EU-wide surveys (LFS, SILC)
- Microsimulation (EUROMOD)

Gaps:

- Historical and longitudinal data
- Inclusion hard-to-reach-groups
- Contextual data
- Regional and local data
- Big data, new types of data
- Comparative, causal analyses
- Precise and valid indicators

Selected tasks

- Extension of IPOLIS, EUROMOD
- Harmonisation of longitudinal data on educational careers
- Combining data tools for dynamic microsimulation
- Conceptualisation, measurement of out-of-work benefits
- Integrating data on welfare services
- Small area estimation techniques and regional poverty measurement
- Indicator protocols on migrants' social rights
- Demographic factors and poverty indicators



Poverty Living conditions Social policies

Data Methods Indicators

How the pillar activities are contributing to the ambition of inclusive growth

Existing RIs & GAPS

Existing RIs:

 EU-wide surveys (EWCS, ECS)
Linked employer-employee data, national organisation, employee and working conditions surveys
WageIndicator, ICTWSS, WISCO

Gaps:

- Data are dispersed, lack of data harmonisation and integration
- Identification vulnerable groups
- Meso-level data
- Big data, new types of data
- Comparative analyses
- Need for policy indicators

Selected tasks

- Harmonisation/integration data on CB and minimum wages; WC data on vulnerable groups
- New types of (web)data and its use
- Historical data of the EU-LFS
- New methods to examine hiring practices and skill transferability
- Methods for new jobs and skills
- Exploration of microsimulation approaches for comparative WC research
- Multidimensional vulnerable group indicators
- Policy indicators OSH
- Indicators to assess progress WC



Working conditions Vulnerability Labour policies

Data Methods Indicators



InGRID-2 Transnational access (TNA)

- Advancing TNA is a key objective of InGRID-2
 - # visits +25%, virtual access, new facilities
- Access to 16 European research infrastructures
 - Who can apply?
 - Early-stage or expert researchers
 - Employed in EU Member States & associated countries
 - What is offered?
 - Work together on data between 5 and 15 days
 - Free-of-charge
 - Reimbursement travel costs & subsistence allowance
 - Individual or in group
 - (linked to attending summer school or expert workshop)

- How to apply?

• Call every 4 months; see website



InGRID-2 Virtual access (VA)

VA LIS

- 2 international comparable databases: Luxembourg Income Study (LIS) and Luxembourg Wealth Study (LWS)
- Previously: only financially contributing members (8 countries) have free and unlimited access
- Aim: provide VA to EU researchers coming from other countries
- How: remote-execution system:
 - VA to two LIS and LWS,
 - Detailed documentation,
 - Training materials,
 - User support

VA Essex

- EUROMOD = tax-benefit microsimulation model for EU, growing number of users
- Previously: open access model; but users request access; receive username + password; download latest version of EUROMOD, plus the input data requested
- Aim: provide an online version without entry barriers



InGRID-2 Networking activities



Strategic innovation networking

Innovation network activities (WP6)Strategic advancement of RI (WP7)



Knowledge exchange networking activities

• Summer schools & MOOCS:

- for early-stage researchers and policy practitioners/experts
- on conceptual and methodological issues and working with EUROMOD
- key notes lectures, hands-on exercises, attendants can present their own work
- MOOCs: being prepared

• Expert workshops:

- targeted at senior researchers and other experts
- identify and discuss key technical issues and possible solutions



Strategic innovation networking activities

• Data forums:

- reach out to data providers, research-users and stakeholders
- discuss challenges of particular data types and suitable actions to answer them
- topics: data on household finances, census data, WageIndicator web survey data, national working conditions surveys

Special interest groups:

- a specific community within the InGRID-2 community-of-interest
- aimed at advancing specific methodological area (e.g. microsimulation)
- Stakeholder platform conferences:
 - bileral meetings and conference with relevant networks to discuss synergies and options for joint development efforts



Strategic innovation networking activities

• Experts-in-residence:

- 'In to out': research visits of InGRID-2 experts at international organisations such as ILO and OECD, aimed at facilitating co-operation and synergies
- Out to in': thematic conference with and visits of senior experts of the newest EU MS, to familiarise with the RI, and scan possibilities of associating partners

Roundtables:

- enlarge the RI distributed network to all EU countries, paying particular attention to Central and Southeastern Europe (see InGRID-1 delphi survey)
- support on-going strategic developmental processes in these regions
- organisation of roundtables on (gaps in) research infrastructures







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19 Partners

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Thank you!

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InGRID-2

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