Growing up in Digital Bologna

# Cinni and Well-being In Europe

The first Europe-wide longitudinal study of children

# Growing Up In Digital Europe (GUIDE)

Growing Up In Digital Europe

EuroCohort

UCD DUBLIN

Manchester Metropolitan University

www.eurocohort.eu

# GUIDE: Building the largest social science research infrastructure in Europe

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This project has received funding from the European Union's Horizon 2020 Research and Innovation programme under the Agreements 777449 & 101008589

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# Research Infrastructures

www.eurocohort.eu

e.g., Large Hadron Collider at CERN

Large scale facilities

Significant investment

Resource for community of researchers

European Strategy Forum
on Research Infrastructures

ESFRI

# ESFRI Roadmap 2021

# ESFRI RIs GUIDE, SHARE, ESS, and GGP provide coverage of the whole life course

**Growing Up in Digital Europe (GUIDE)**

GUIDE (Growing Up In Digital Europe: EuroCohort) will be Europe's first comparative birth cohort survey: a Research Infrastructure that will be an important source of high quality longitudinal statistical evidence to support the development of social policies which will enhance the wellbeing of children, young people and their families across Europe for many years to come.

Led by Jennifer Symonds, UCD & Gary Pollock, Manchester Metropolitan University.

SHARE
Survey of Health, Ageing and Retirement in Europe
50+ in Europe

Survey of Health, Ageing and Retirement in Europe

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**SHARE - Survey of Health, Ageing and Retirement in Europe**

The Survey of Health, Ageing and Retirement in Europe (SHARE) is a multidisciplinary and cross-national panel database of micro data on health, socio-economic status and social and family networks of about 140,000 individuals aged 50 or older (around 380,000 interviews). SHARE covers 27 European countries and Israel.

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News
The new Annual Activity Report is available online!
The SHARE-ERIC Annual Activity

European Social Survey

About ESS | Findings | Methodology | Data and Documentation | Learning | search

## The European Social Survey

*We're an academically driven cross-national survey using high methodological standards to provide freely available data for 36 countries. MORE...*

## Generations & Gender Programme

# A Social Science Infrastructure for Research on Family Dynamics and Relationships

Learn more about GGP

Strategy Report on Research Infrastructures
ROADMAP **2021**

- ESFRI is a self-regulated body, mandated in 2002 by the EU Council.
- ESFRI exists to create a coherent and strategy-led approach to policy-making on research infrastructures in Europe.
- ESFRI supports the development of select pan-European research infrastructures of the highest quality through its Roadmap.
- Research Infrastructures on the ESFRI Roadmap have 10 years to develop (preparation and implementation phases)
- 11 RIs included in the updated 2021 Roadmap
- Approximately 16 projects in total are on the ESFRI Roadmap (to be confirmed)
- New RIs are evaluated for their scientific case and implementation case
- GUIDE scored high or very high across all indicators

# Building the largest social science research infrastructure in Europe

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FP7 Concept development: MYWeB 2014 - 2016

H2020 design study ECDP 2018 – 2019

2021 ESFRI Roadmap

H2020 COORDINATE 2021 - 2025

Horizon Europe GUIDEPREP 2022 – 2026 (TBC)

ERIC status

ESFRI implementation and operation phases 2027 - 2053

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# Why do we need GUIDE?

Short answer: Cinni first

# Why We Need GUIDE

Growing Up in Scotland

Global Longitudinal Research Initiative

UNICEF, Innocenti, Italy

CHILD OF THE NEW CENTURY

United Kingdom

GUIDE

Growing Up in Digital Europe

Growing Up in Ireland

National Longitudinal Study of Children

TREE

Transitions from Education to Employment, Switzerland

moba

Mother and Child Cohort Study Norway

Generation R

Netherlands

NEXT STEPS

United Kingdom

NEPS

National Educational Panel Study

Germany

SFI

Danish Longitudinal Study of Youth

COHORT '18

Growing Up in Hungary

Growing Up in Hungary

STATENS SERUM INSTITUT

Danish National Birth Cohort Study

ined

INSTITUT NATIONAL D'ÉTUDES DÉMOGRAPHIQUES

ELFE: French Longitudinal Study of Children

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# Survey Comparability

www.eurocohort.eu

**GUIDE**

Fully harmonised
High comparability

**Previous Studies**

Little attempt to harmonise
Low comparability

# GUIDE overview of research design

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# Designing GUIDE

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# Core Methodological features of GUIDE

www.eurocohort.eu

- Questionnaire content is policy focused
- Input harmonized for comparative analysis
  - Common questionnaires
  - Common data collection procedures and time frame
- Children and young people involved in the design
- Accelerated cohort design
  - Cohort 1: 8-year-old children and their main carer
  - Cohort 2: 9-month-old children and their main carer
- Nationally representative samples
- Open access to data

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# GUIDE Fieldwork Schedule

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# Questionnaires developed

www.eurocohort.eu

- Questionnaire for parents/guardians of new-borns (up to 9 months old children)
- Questionnaire for 8 years old children
- Questionnaire for parents/guardians of 8 years old children

# Wave 1

## **COVID** Cohort 1: Child Cohort (8 years old)

### *Child Questionnaire*

1 Psychological well-being
2 Emotional wellbeing
3 Physical wellbeing
4 Social wellbeing
5 Family and home
6 Friendships
7 School
8 Neighbourhood
9 Material conditions
10 Activities
11 Health
12 Children's rights and voice

### *Parent Questionnaire*

1 Household Information
2 Socio-Demographics
3 Childcare, Parental Support and Parenting
4 Child's Education
5 Child's Activities
6 Pregnancy and Birth
7 Child's Health and Well-Being
8 Health and Well-Being
9 Employment and Socio-Economics
10 Housing, Neighbourhood and Community

## Cohort 2: Birth (9 months)

### *Parent Questionnaire*

1 Household Information
2 Socio-Demographics
3 Childcare and Parental Support
4 Child Functioning and Relationships
5 Baby’s Development and Habits
6 Pregnancy and Birth
7 Baby’s Health and Nutrition
8 Health and Well-Being
9 Employment and Socio-Economics
10 Housing, Neighbourhood and Community

**Digital life**

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# Content plan

www.eurocohort.eu

wave 1 items
drafted

waves 2-9
themes identified

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# Long term plan – Education

www.eurocohort.eu

| *Child's Age* | 9m | 2y 9m | 5y 9m | 8y 9m | | 11y 9m | | 14y 9m | | 17y 9m | 20y 9m | 23y 9m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Cohort 1 Wave* | | | | 1 | | 2 | | 3 | | 4 | 5 | 6 |
| *Cohort 2 Wave* | 1 | 2 | 3 | 4 | | 5 | | 6 | | 7 | 8 | 9 |
| **Theme** | **Parent** | **Parent** | **Parent** | **Child** | **Parent** | **Child** | **Parent** | **Child** | **Parent** | **Child** | **Child** | **Child** |
| **Education** | | | | | | | | | | | | |
| Education Level | | | | | | | | | | | | |
| School | | | | | | | | | | | | |
| Parental Involvement | | | | | | | | | | | | |
| Perception of Performance and Aspirations | | | | | | | | | | | | |
| Learning Difficulty | | | | | | | | | | | | |
| Bullying | | | | | | | | | | | | |

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# Sample Design

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## Probability sample

- For each cohort, a sample of children resident in the country within the relevant **one-year age** range

## Sample design

- Varies between countries and cohorts, to recognise **national availability,** adhering to common principles and parameters

## Common prescribed level of statistical precision

- For each national sample design (which will depend on sample size, stratification, selection probabilities and clustering)

## Sampling principles, guidelines and parameters

- agreed by the central team, who will work with each national team to develop and approve an acceptable sample design

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# Sample size

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**Attrition rates** will differ over a 25-year period for both cohorts and between countries. In setting the **initial target sample sizes** for each cohort it is necessary to anticipate likely levels of attrition in such a way as to ensure that the **later data collection waves retain sufficient respondents for inferential statistical analysis**

We propose that wave 1 **minimum effective sample size** should be set at **10,000** for the birth cohort (C2) and **8,000** for the childhood cohort (C1), with a waiver for the **smallest countries**, for whom the effective sample size will be not smaller than **5,000** for the birth cohort and **4,000** for the childhood cohort

# Project COORDINATE and project GUIDE

www.eurocohort.eu

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101008589

COORDINATE
data children wellbeing

# COORDINATE/GUIDE consortium

Manchester Metropolitan University

UCD DUBLIN

Institut društvenih znanosti
Institute of Social Sciences
IVO PILAR

ined
INSTITUT NATIONAL D'ÉTUDES DÉMOGRAPHIQUES

ALMA MATER STUDIORUM A.D. 1088

HELSINGIN YLIOPISTO
HELSINGFORS UNIVERSITET
UNIVERSITY OF HELSINKI

UCL

ISCTE IUL
Instituto Universitário de Lisboa

Ipsos

upf. Universitat Pompeu Fabra Barcelona

RECSM
Research and Expertise Centre for Survey Methodology

cApStAn

cessda

EUROPEAN CENTRE FOR SOCIAL WELFARE POLICY AND RESEARCH

KANTAR

gesis
Leibniz Institute for the Social Sciences

ZRS

ISER
INSTITUTE FOR SOCIAL & ECONOMIC RESEARCH

GGP

CentERdata
Institute for data collection and research

COORDINATE
data children wellbeing

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Search...

COORDINATE

COhort cOmmunity Research and Development Infrastructure Network for Access Throughout Europe

Home | About | News | Events | Transnational visits | Researchers | Policymakers | Participants | GUIDE

# Summary of project COORDINATE

"Starting Community" to support child wellbeing using survey data

- Improving ***access*** to existing data
- Facilitating ***networking*** with academics, policy makers and funders across Europe
- ***Joint research***: pilot survey for the GUIDE project

  Croatia, Finland, France, Ireland, Slovenia and …Italy in 2024 (FOSSR/CNR/MUR/PNNR)

https://www.coordinate-network.eu

**@coordinate_eu**



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COORDINATE
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# GUIDE Consortium

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# GUIDE Consortium

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22 Partners

18 Countries

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# GUIDE Consortium Membership

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a) GUIDE's long piloting period makes **joining easier**

b) Cohort 1 (2027): **retrospective sample possible** in 2030 (age 11)

c) Cohort 2 (2029): **retrospective sample possible** in 2031 (age 2)

d) New members can be included in **funding applications** for infrastructure development

e) The **consortium membership** is based on nationally recognised scientific expertise and strong links to potential funding sources

f) Membership is secured by a **MoU** signed by the new member and lead institutions

# Growing Up in Digital Europe Preparatory Phase

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**Gary Pollock**
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Manchester Metropolitan University

**With 21 international partners**

# Where we are now

- Business case initiated in MyWeb and ECDP projects
- Research design initiated in MyWeb and ECDP projects
- ESFRI Roadmap status obtained in 2021
- COORDINATE project extends GUIDE with:
  - GUIDE questionnaires
    - Cognitive testing 2022
    - Pilot testing 2023
  - Ethics of working with young people
  - GUIDE network
    - COORDINATE partners
    - GUIDE partners
    - Network of policy makers, non-government organisations, and researchers

# Where we will go

- HORIZON-INFRA-2021-DEV-02-01: Preparatory phase of new ESFRI research infrastructure projects
- 11 new ESFRI projects bidding for up to €3 m of  €36 m
- Support to cover preparatory phase (approximately 4 years)
- Preparation aspects addressed:
    - Legal and financial frameworks
    - Logistics and human resource management
    - Technical design
    - RI user services
    - RI outputs for science and society

# International partners

| Nº | Participant Organisation Name | Country |
|---|---|---|
| 1 (Lead) | University College Dublin (UCD) | Ireland |
| 2 (Co-Lead) | Manchester Metropolitan University (MMU) | United Kingdom |
| 3 | University of Bologna (UNIBO) | Italy |
| 4 | Ivo Pilar Institute of Social Sciences (IPI) | Croatia |
| 5 | Helsingin Yliopisto (HU) | Finland |
| 6 | Institut National D'Etudes Demographiques (INED) | France |
| 7 | German Youth Institute (DJI) | Germany |
| 8 | Federal Institute For Population Research (BIB) | Germany |
| 9 | Universidad Pompeu Fabra (UPF) | Spain |
| 10 | Stichting Centerdata (CD) | The Netherlands |
| 11 | Glasgow Caledonian University (GCU) | United Kingdom |
| 12 | Research Institute for Work and Society (HIVA) | Belgium |
| 13 | University of Antwerp (UA) | Belgium |
| 14 | Tallinn University (TLU) | Estonia |
| 15 | Panteion University of Social and Political Sciences (PUSPS) | Greece |
| 16 | University of Debrecen (UD) | Hungary |
| 17 | Daugavpils University (DU) | Latvia |
| 16 | Luxembourg Institute of Socio-Economic Research (LISER) | Luxembourg |
| 19 | University of Malta (UM) | Malta |
| 20 | Norwegian University of Science and Technology (NTNU) | Norway |
| 21 | Instituto Universitário de Lisboa (ISCTE) | Portugal |
| 22 | Univerzita sv. Cyrila a Metoda v Trnave (UCM) | Slovak Republic |
| 23 | Science and Research Centre Koper (KOPER) | Slovenia |

# GUIDEPREP

Central Hub
Scientific methodology
Science & policy impact
GUIDE ERIC
National nodes
Financial commitments

# Central Hub and National Nodes

- Hub selection process
- National nodes selection process
- HR strategy for Central Hub
- Central Hub financial management plan
- GUIDE Data management plan
- Central Hub and National Nodes Budget
- Updated Cost Book

# Scientific methods

ADVISORY GROUPS

FULL GUIDE ETHICS APPLICATION

SAMPLING AND RECRUITMENT STRATEGY

COGNITIVE INSTRUMENTS PILOT

UPDATE GUIDE QUESTIONNAIRES

FIELDWORK PROJECTED COSTS

FIELDWORK MANUAL AND INTERVIEWER TRAINING

AGENCY CONTRACT AND TASK ORDER

# Scientific and policy impact

- GUIDE Fellows programme
- Policy briefs
- The GUIDEbook
  - Ch. 1: Conceptual perspective on measuring child wellbeing
  - Ch. 2: Ethical research and children's voices
  - Ch. 3: Panel recruitment and retention
  - Ch. 4: Cognitive data
  - Ch. 5: Biological data
  - Ch. 6: Questionnaire design
  - Ch. 7: Fieldwork procedures
  - Ch. 8: International comparability
  - Ch. 9: Financial commitments

# GUIDE ERIC

- Interim ERIC council  of scientific and ministerial partners
- Draft ERIC application
  - ERIC statutes
  - Technical and scientific description of RI
  - Declarations from partners
  - Host state declaration

# Financial commitments

- Promotional campaign plan
- Political support committee
- Sponsorship package
- Commitments package
- European roadshow

# GUIDEPREP Timeline

| | 2023 | 2024 | 2025 | 2026 |
|---|---|---|---|---|
| Central Hub & National Node development | | | | |
| Scientific methods | | | | |
| Scientific and policy impact | | | | |
| GUIDE ERIC | | | | |
| Financial commitments | | | | |

*Growing Up in Digital Europe*

G U I D E

European Commission