

NEIGHBOURHOOD STATISTICS ON LIVING CONDITIONS AND OPPORTUNITY STRUCTURES

<u>Organisation(s):</u>	Barcelona County Council Metropoli Institute	
<u>Country:</u>	Spain	
<u>Contact:</u>	policy@esn-eu.org (we will function as an intermediary between you and interested organisations who want to learn more about the practice)	
<u>Theme:</u> Choose at least one option	☒ Ageing & Care ☒ Asylum & Migration ☒ Young People ☒ Support for Children & Families ☒ Community Care ☐ Integrated Care & Support ☐ Co-Production ☐ Disability ☒ Housing & Homelessness ☐ Artificial Intelligence ☐ Digitalisation ☐ Quality Care	☒ Labour Market Inclusion ☒ Social Inclusion ☐ Technology ☐ Workforce and Leadership ☒ Social Benefits ☐ EU Funding ☐ Social Services' Resilience ☒ Mental Health ☐ Person-Centred Care ☒ Research & Use of Evidence ☒ Management & Planning ☐ Other, please specify:
<u>Principles of the European Pillar of Social Rights:</u> <i>Which principles does your practice cover? Check the 20 principles here.</i>	☒ 1. Education, training, life-long learning ☐ 2. Gender equality ☒ 3. Equal opportunities ☐ 4. Active support to employment ☒ 5. Secure and adaptable employment ☐ 6. Fair Wages ☐ 7. Transparent employment conditions ☐ 8. Social dialogue ☐ 9. Work-life balance ☐ 10. Healthy, safe work environment	☒ 11. Childcare and child support ☒ 12. Social protection ☐ 13. Unemployment benefits ☒ 14. Minimum income ☐ 15. Old age income and pensions ☒ 16. Health care ☐ 17. Inclusion of people with disabilities ☐ 18. Long-term care ☒ 19. Housing and assistance to homeless ☒ 20. Access to essential services
<u>Current status of the practice:</u>	☐ Concept and Design Phase ☒ Testing or pilot phase ☐ Temporary practice that has terminated ☐ Temporary practice that is ongoing and has a termination date ☐ Established and ongoing practice ☐ Scaling Up and Transformation Phase ☒ Other (please specify):	
<u>Summary:</u> Please summarise the practice in maximum 3	The Neighbourhood statistics on living conditions and opportunity structures (ECVEO in spanish) is a pioneering data system developed by the Barcelona County Council and the Metròpoli Institute to analyse living conditions and opportunity structures across neighbourhoods in the province of Barcelona. It	

<i>sentences. This will be the disclaimer of your project on our website. Example here.</i>	provides a multidimensional statistical framework based on more than 250 indicators across 9 thematic areas, enabling targeted public policies and social transformation. The ECVEO aims to support inclusive urban planning and reduce territorial inequalities through evidence-based decision-making.
<u>Context/ Social issues addressed</u> <i>Please explain the problem you attempt to solve with your practice.</i>	The Neighbourhood statistics on living conditions and opportunity structures project, addresses the lack of detailed, territorialized data on urban inequality and neighbourhood vulnerability across the province of Barcelona. It aims to provide a robust statistical framework to support evidence-based public policies and social transformation at the neighbourhood level
<u>Objectives:</u> <i>Please provide a maximum of three objectives in bullet points.</i>	1. Improving knowledge of living conditions and opportunity structures in urban areas. 2. Supporting targeted interventions in vulnerable neighbourhoods. 3. Monitoring and evaluating the impact of local policies to reduce social and territorial inequalities.
<u>Activities:</u> <i>Please describe the activities put in place to achieve the objectives (maximum 400 words).</i>	To achieve the objectives of the Neighbourhood statistics on living conditions and opportunity structures project, a series of coordinated activities focused on generating territorialized knowledge and supporting public policy in vulnerable neighbourhoods: 1. Definition and Delimitation of Neighbourhood Units: The project established Statistic Neighbourhood Units (UEB in Spanish) as the operational territorial units. These are spatially defined areas within municipalities, recognized by local administrations and designed to be socially and morphologically homogeneous, allowing for consistent statistical analysis across the province. 2. Data Collection and Integration: ECVEO compiles data from 57 primary sources, including administrative records, censuses, cartographic databases, and institutional portals. These sources cover the period 2015–2021 and are updated every two years. The data is processed using advanced techniques such as geolocation, areal interpolation, and imputation of missing values to ensure accuracy and territorial relevance. 3. Construction of a Multidimensional Indicator System: The project developed a comprehensive framework of 250 indicators across 9 dimensions: demographic, socio-educational, socio-occupational, socio-economic, housing, residential environment, health, participation and community action, and public policies. These indicators allow for both absolute and relative analysis at the neighbourhood level. 4. Validation and Visualization: All data undergoes rigorous validation through statistical analysis and geographic visualization using tools like ArcGIS Pro. This ensures the reliability of the indicators and facilitates their interpretation by policymakers and researchers. 5. Policy Monitoring and Evaluation: ECVEO is designed to support the monitoring and evaluation of area-based policies, including urban regeneration programs and income guarantee initiatives. It enables longitudinal analysis and helps assess the impact of interventions on living conditions and opportunity structures.

	6. Knowledge Dissemination and Future Expansion: The project includes plans for public dissemination through interactive data viewers and aims to expand its scope by incorporating new indicators (e.g., on social care, associative density...) and extending coverage to smaller municipalities.
Outcomes: Please explain what the results were/are so far and how you evaluated this (i.e. statistics, a study, or feedback)	The ECVEO project has already delivered significant results by creating a multidimensional database with 250 indicators across 9 dimensions, offering unprecedented insight into neighbourhood-level living conditions and opportunity structures in the province of Barcelona. This data resource, developed by the Barcelona County Council and the Metròpoli Institute, is now actively used to support municipalities by providing territorial analysis tools, enabling them to better understand local realities and design targeted interventions. In particular, the ECVEO is instrumental in the Neighbourhoods and Communities project as well as in other programmes and projects in the field of social policies, where it helps monitor and evaluate the impact of social and urban transformation programs. Specific reports are being produced to guide interventions, and the availability of regularly updated data allows for ex ante and ex post evaluations, distinguishing the effects of public policies from other influencing factors. While ECVEO is central to these evaluations, it is complemented by qualitative methods to fully assess the outcomes of neighbourhood improvement programs.
Funding Source	EU Funds: ESF+ ☐ INTERREG ☐ ERDF ☐ ERASMUS ☐ RRF ☐ other ☐ ☐ National Government Funds ☐ Regional Government Funds ☒ Local Government Funds ☐ Private Sponsorship / Public-Private Partnership ☐ Financial contribution of People using Services ☐ Other, please define:
Links to supporting documents: e.g. project website or report of the practice, articles	[in catalan]: Diputació de Barcelona (2024). <i>An Approach to the Neighbourhoods of the Province of Barcelona: Neighbourhood Statistics on Living Conditions and Opportunity Structures</i>. Projectes Transformadors Collection, No. 27. Barcelona: Diputació de Barcelona. 200 pages. ISBN not listed. Available at Llibreria de la Diputació. [in catalan] Diputació de Barcelona (2023). <i>Neighbourhoods and Communities: Drivers for Social Transformation. Conceptual Framework of the Project</i>. Projectes Transformadors Collection, No. 8. Barcelona: Diputació de Barcelona. 60 pages. ISBN not listed. Available at Llibreria de la Diputació
Comments and tips i.e. for people willing to implement your Practice in their service	1. Strategic Foundations: Establish a strategic alliance between a local government body (like the Diputació de Barcelona) and a research institution (such as the Institut Metròpoli). This partnership ensures both political commitment and technical expertise. Use a pilot project as a launchpad—Neighbourhoods and communities served as the initial testing ground for ECVEO, allowing for iterative development and validation of methods.

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| | <ol style="list-style-type: none">2. Data Infrastructure & Tools: Develop a Business Intelligence (BI) reporting app to visualize and interact with the data. This tool should allow users to explore indicators by neighbourhood, compare across territories, and monitor changes over time. Ensure the creation of Neighbourhood statistic units (UEB in Spanish)— that reflect real neighbourhood boundaries and social dynamics, enabling meaningful analysis.3. Capacity Building & Communication: Implement a communication and training plan to ensure that municipal staff and stakeholders understand how to use the data and integrate it into planning and decision-making. Offer technical support and guidance to municipalities, helping them interpret the data and apply it to local policy design, especially in areas like urban regeneration, social inclusion, and income guarantee.4. Evaluation & Monitoring: Use ECVEO to monitor and evaluate the impact of neighbourhood interventions, particularly within programs like “Neighbourhoods and communities”. The system supports both <i>ex ante</i> and <i>ex post</i> evaluations. Produce custom reports for municipalities and projects, helping them track progress, identify needs, and adjust strategies based on evidence. |
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