

# Case study for Road Map on Statistics for SDGs 2.0 EU: Using official and experimental indicators to monitor SDGs in European cities

#### **Description**

The European Handbook for SDG Voluntary Local Reviews – 2022 edition provides policy makers, urban practitioners and experts with a consolidated method and examples of indicators that European local and regional governments can use to monitor the achievement of the Sustainable Development Goals (SDGs). The Voluntary Local Reviews (VLRs) are processes that encompass both the monitoring and the analysis of the achievements with respect to the SDGs at local level. The 2022 edition builds on the first one published in 2020 and it includes an updated analysis of the VLRs published globally and in Europe, their evolution over time and space in terms of use, main characteristics, and building blocks. The European Handbook includes detailed and updated information on 72 indicators and related data sources, which can enable cities to measure their progress toward the 2030 Agenda for Sustainable Development. The set of indicators includes examples of both official and experimental indicators, coming from international and European institutions, but also regional and local governments and research institutes.

#### **Advantages**

The European Handbook provides new insights into local SDG monitoring, including reference to new challenges and opportunities. The European Handbook for SDG Voluntary Local Reviews – 2022 edition represents a step forward in the support for European local and regional governments in localising the SDGs using the Voluntary Local Reviews (VLRs). It Handbook has become a global reference and it has been quoted in policy documents by international partners and organisations.

#### **Challenges**

The approach and criteria proposed for the selection and identification of local indicators in the second edition of the European Handbook are reasonably applicable in European cities. However, fine-tuning of the method is possible, in particular for addressing thematic issues and local statistical capacities. These aspects will be addressed in the second edition.

## Future steps

The work will be expanded to different territorial levels (regions in Europe)

### More information

Link of the European Handbook:

https://publications.jrc.ec.europa.eu/repository/handle/JRC129381

#### Contact point:

Dr. Iraklis Stamos

Project Leader, European Commission Joint Research Centre, Territorial

Development Unit

iraklis.stamos@ec.europa.eu

Siragusa, A., Bertozzi, C., Proietti, P., & Stamos, I. (2025) The European support and coordination for Sustainable Development Goal Voluntary Local Reviews. In Implementing Sustainable Cities (pp 223-240), 1st Edition. Imprint Routledge, ISBN 9781003451402

Chaniotakis, E., Siragusa, A., Tzanis, D., & Stamos, I. (2024). Scoping SDG interlinkages and methods to infer them. International Journal of Sustainable Development, 27(5), 1-54. 10.1504/IJSD.2024.140326

Lella, L., Oses-Eraso, N. & Stamos, I. (2024) Pioneering a sustainable development goals monitoring framework for European regions, Ecological Indicators, Volume 166, 2024, 112248, ISSN 1470-160X, https://doi.org/10.1016/j.ecolind.2024.112248

Nakhle, P., Stamos, I., Proietti, P., & Siragusa, A. (2024). Environmental monitoring in European regions using the sustainable development goals (SDG) framework. Environmental and Sustainability Indicators, 100332 ISSN 2665-9727, https://doi.org/10.1016/j.indic.2023.100332

Ciambra A., Siragusa A., Proietti P. and Stamos I. (2023) Monitoring SDG localisation: An evidence-based approach to standardised monitoring frameworks. Journal of Urban Ecology. <a href="https://doi.org/10.1093/jue/juad013">https://doi.org/10.1093/jue/juad013</a>

Ciambra, A., Stamos, I., & Siragusa, A. (2023). Localizing and monitoring climate neutrality through the sustainable development goals (SDGs) framework: the case of Madrid. Sustainability, 15(6), 4819. <a href="https://doi.org/10.3390/su15064819">https://doi.org/10.3390/su15064819</a>