

MEASURING SDGs AND URBAN OPEN DATA

THE CASE OF MILAN

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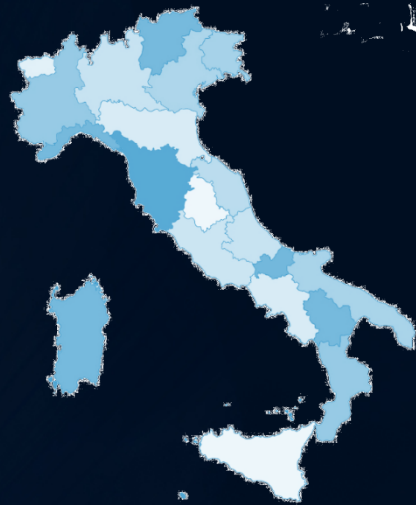


UNIVERSITÀ
CATTOLICA
del Sacro Cuore

ITALIAN MULTILEVEL POLITICAL STRUCTURE

NATIONAL LEVEL

REGIONAL LEVEL
(Lombardia)



PROVINCIAL LEVEL
(Provincia di Milano)

+

METROPOLITAN CITY LEVEL
(Città metropolitana di Milano)



MUNICIPALITY
(Comune di Milano)



SDGs MEASUREMENT EFFORT

NATIONAL LEVEL

Strategia Nazionale
per lo Sviluppo
Sostenibile



ISTAT

REGIONAL LEVEL
(Lombardia)



POLIS LOMBARDIA '17 & '18



PROVINCIAL &
METROPOLITAN
LEVELS
(Provincia di Milano)

3° ASVISS REPORT (2018)



MUNICIPALITY
(Comune di Milano)



SDSN Italia SDGs City
Index 2018



- Deaths per car accidents
- Days over threshold of PM₁₀
- Annual average PM 2.5
- Rooms per person
- Inadequate housing (light, bathroom, structural problems)
- Difficult access to public transportation
- Sq. M. soil consumption / residents
- Cultural Heritage expenditure / residents
- Dissatisfaction & Concern with landscape
- Residents in Hydrological Risk Areas
- Public Green Areas / Resident
- Seismic Risk Mitigation Plans / Municipalities

- Inadequate housing (light and humidity)
- Percentage of residents in houses with structural problems
- Overcrowded households
- Available seat * kilometres / users
- Unrecycled urban waste
- Unauthorised development index
- Public green per resident
- Difficult access to public transportation

- Meters of bicycle lanes per resident
- Annual average of PM_{2.5}
- Number of houses without bathroom for 100.000 residents

MEASURING SDGs AT THE MUNICIPAL LEVEL: THE CASE OF MILAN



DATA RICH ENVIRONMENT



ASSESSORATO ALLA
PARTECIPAZIONE,
CITTADINANZA ATTIVA E
OPEN DATA



OPEN DATA

SDGs MEASUREMENT AND BENCHMARKING

MEASURING SDGs AT THE MUNICIPAL LEVEL: THE CASE OF MILAN (II)



STEP 1:
SDGs BENCHMARK

CHALLENGE 1: Coherent Internal Data Ontology

CHALLENGE 2: Coherent Multilevel Data Ontology
& Technical interoperability

CHALLENGE 3: Promotion of Data Culture

STEP 2:
DATA DRIVEN POLICY MAKING

«Rendicontazione di mandato»

THE MILANESE APPROACH:

«Conceiving the challenge of SDGs Measurement as cultural and technical, connecting it to an open data culture»

Thank you