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| INFORMATION SHEET N° | 26 | TARGET | 9.1/11.a |
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OUTPUT

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| Indicator | Urban connectivity index |
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| Description | Proportion of the population that is within the public transport footprint (Maximum distance reachable in 1h by public transport) of Madrid Nuevo Norte, with respect to the total population contained in a radius equivalent to the furthest point reachable within that footprint. Based the JRC Urban Connectivity Index, which measures the maximum distance accessible in 1h of transport using existing connection infrastructure. Since coverage of connection routes of the Region of Madrid is assumed to be complete, especially within the metropolitan area, the indicator has been adjusted to public transport for Madrid Nuevo Norte. |
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| Type | GIS | Source | Manual for the preparation of VLRs (JRC) |
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Data source

| | | | |
|---------------------------|--|------------|----|
| Madrid Nuevo Norte | MNN public transportation footprint | BIM | NO |
| | <ul style="list-style-type: none"> Sustainable mobility. Proposal developed in the SMCP (Population with potential access to the study area based on the estimated travel times, Urban Digital Insight) | | |

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|-------------------|---|
| Comparison | Population: Location and number of inhabitants |
| | <ul style="list-style-type: none"> Population polygons: Urban Atlas 2018 (https://land.copernicus.eu/) |

Calculation method

To calculate this indicator, a buffer was drawn with a radius equal to the furthest point reachable within the public transport footprint of Madrid Nuevo Norte (25 Km), which corresponds to the maximum distance reachable in 1h by public transport from the Madrid Nuevo Norte centroid. The percentage difference between the population inside the transport footprint (selected by location of the population polygons intersecting with the Madrid Nuevo Norte footprint) and the population contained within the maximum distance buffer reachable in 1h of public transport (selected by location of the population polygons)

OUTCOME

| Indicator | Unit | Source |
|---|----------------|---|
| Travel to work by public transport | N | Regional Transport Consortium of Madrid (https://www.crtm.es/atencion-al-cliente/area-de-descargas/datosabiertos.aspx) |
| Average number of passengers transported by urban bus per 100,000 inhabitants | 100,000 inhab. | INE (https://www.ine.es/dyngs/INEbase/es/categoria.htm?c=Statistics_P&cid=1254735576820) |