

NKRA 15: Livability, Safety and sustainability of Human Settlements Improved

Lead Agency : Ministry of Works and Human Settlement (MoWHS)

Collaborating Agencies: National Environment Commission Secretariat, Thromdes, Ministry of Information and Communication, Ministry of Health, Ministry of Economic Affairs, Dratshang Lhentshög, Royal Bhutan Police, National Land Commission Secretariat, Bhutan Olympic Committee, Ministry of Home & Cultural Affairs, Ministry of Education

| AKRAs | Key Performance Indicators | Description | Unit | Baseline (Year) | Baseline | Target | Data Collection Methodology | Data Source | Data Collection Frequency | Responsible Agency |
|--|---|--|------------|-----------------|----------|-----------|-------------------------------|-----------------|---------------------------|--------------------|
| 1. Solid waste safely managed | Waste going to landfill site | The indicator measures the reduction in percentage of waste going to the landfill site as a percentage of total waste generated at national level. The national level includes all thromdes and dzongkhag municipalities. | Percentage | 2017 | TBD | TBD | Review of Administrative data | Thromdes | Annual | DES, MoWHS |
| | Hazardous waste managed | The indicator measures the percentage of hazardous wastes managed as to total hazardous wastes generated. The hazardous waste refers to the wastes from hospitals, industries, e-wastes and automobile workshops. | Percentage | 2017 | TBD | TBD | Review of Administrative data | MoH, MoIC, MoEA | Annual | NEC |
| | Households segregating waste at source | The indicator measures the percentage of households that segregates dry and wet household wastes within Thromdes | Percentage | 2017 | TBD | TBD | Review of Administrative data | Thromdes | Annual | DES, MoWHS |
| 2. Waste water safely managed | Urban households using safely managed sanitation facilities | The indicator measure the coverage of safely managed sanitation facilities (Sewerage network, septic tank with soakpit, on-site treatment facility) in urban area including commercial units | Percentage | 2017 | TBD | TBD | Survey | Survey Report | Mid-term and terminal | DES, MoWHS |
| | Rural Households with with access to safely managed Sanitation | The indicator measures the coverage of safely managed sanitation facilities in rural households (sanitation facility which is not shared and where excreta are either safely disposed in site or removed off-site and treated) | Percentage | 2017 | TBD | TBD | Survey | Survey Report | Mid-term and terminal | MoH |
| 3. Livability of human settlements enhanced | The average share of public recreational open spaces | The indicator measures the public recreational open space as a percentage of total planned space. | Percentage | 2017 | TBD | TBD | Review of administrative data | Thromdes | Mid-term and terminal | DHS, MoWHS |
| | Footpath in Thromde areas | The indicator measures the length of roadside and off-street footpaths in the Thromde areas. | Kilometer | 2017 | TBD | TBD | Review of administrative data | Thromdes | Annual | DHS/Thromde |
| | Bicycle lanes to the total road network | The indicator measures the proportion of bicycle lanes to the road network within the Thromde | Percentage | 2017 | TBD | TBD | Review of administrative data | Thromdes | Annual | DHS/Thromde |
| 4. Sustainable land resources for human settlement managed | Areas feasible for human settlement identified and zoned across the country | The indicator measures the timeline by which zoning of land for human settlement is completed across the country including publication of plan | Timeline | 2017 | NA | June 2023 | Review of administrative data | NLCS | Annual | NLCS |
| 5. Effectiveness and efficiency of the municipal services | Satisfaction for quality of roads | This indicator measures Thromde resident's satisfaction level on quality of roads within thromde | Percentage | 2017 | NA | 75 | Review of administrative data | Thromdes | Annual | Thromdes |
| | Satisfaction for water supply | This indicator measures Thromde resident's satisfaction level on water supply | Percentage | 2017 | NA | 75 | Review of administrative data | Thromdes | Annual | Thromdes |
| | Satisfaction for sanitation | This indicator measures Thromde resident's satisfaction level on sanitation | Percentage | 2017 | NA | 75 | Review of administrative data | Thromdes | Annual | Thromdes |
| | Satisfaction for waste collection | This indicator measures Thromde resident's satisfaction level on waste collection | Percentage | 2017 | NA | 75 | Review of administrative data | Thromdes | Annual | Thromdes |
| | Satisfaction for storm water management | This indicator measures Thromde resident's satisfaction level on storm water management | Percentage | 2017 | NA | 75 | Review of administrative data | Thromdes | Annual | Thromdes |
| | Land for affordable homes incorporated in plans | The indicator measures percentage of land earmarked within the LAP for affordable homes | Percentage | 2017 | TBD | TBD | Review of administrative data | Thromdes | Annual | DHS, MoWHS |

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| 6. Affordable homes promoted | Affordable housing units to civil servants | The indicator measures the ratio of affordable housing units to the for civil servants. The affordable housing unit refers to the housing units developed by NHDC. | Percentage | 2017 | 7.59 | 9.45 | Review of administrative data | NHDCL Report | Annual | NHDCL |
| | Loan to affordable housing | The indicator measures the amount of loan the bank gives to the affordable housing based on the priority lending scheme | Ngultrum | 2018 | TBD | TBD | Review of administrative data | Annual report | Annual | RMA |
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| 7. Common community monument/structure and public institutions/buildings accessible for all | Common community monuments/ Public institutions/buildings made accessible for all | The KPI measures % of public institutions/ buildings and community monuments made accessible for all including people with special needs. Public institutions/ buildings and community monuments refers to public parks and neighborhood nodes. Special needs people refers to people using wheel chairs, visually impaired | Percentage | 2017 | TBD | TBD | Survey | Survey Report | Mid-term and terminal | Thromdes |
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| 8. Security and safety of the society enhanced | Crime detection rate | The indicator measures the percentage of cases detected of all registered cases | Percentage | 2016 | 16 | 20 | Review of administrative data | Annual Crime Report | Annual | RBP |
| | Victim of crime over the past 12 months | The indicator measures the percentage of population who have been victim of crime over the past 12 months. Victime of crime refers to theft, robbery, fraud, vandalism, physical/sexual assault, cyber bullying and family violence. | Percentage | 2015 | 8.15 | 8.15 | GNH Survey | GNH Survey Report | Mid-term and terminal | GNHC |
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