**Progress Towards Results Matrix**

**(Achievement of outcomes against End-of-project targets)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Strategy** | **Indicators** | **Baseline** | **Targets**  **End of Project** | **Source of verification** | **Assumptions** |
| **Project Objective:** | Number of new development partnerships with funding for improved energy efficiency and/or sustainable energy solutions targeting underserved communities/groups and women. | N/A | 2 (with Environmental Funds of the entities);  4 selected municipalities for implementation of LCUD investment projects;  4 selected municipalities for implementation of green logistic schemes for municipal waste recycling | Project reports; meeting minutes and agreements (MoUs) | Commitments and capacities in place at EFs to implement proposed financial support mechanism  Local authorities’ commitment to adopt and pursue LCUD targets remains strong  Local authorities’ commitment to pilot green logistic scheme |
| **To leverage investment in low-carbon urban development (LCUD) in BiH thereby promoting safer, cleaner, and healthier cities and reducing GHG emissions** |
| Amount of project-facilitated investment in LCUD | 0 | 40 mil. USD | Project reports; reports of project’s partners including co-financing letters | Commitments and capacities in place at EFs to implement proposed financial support mechanism |
| tCO2eq direct emissions reductions (which are attributable to the project-facilitated investments in LCUD made during the project’s supervised implementation period, totaled over the respective lifetime of the investments | 0 | 400,000.00 tCO2 eq. | Detail energy audits, feasibility studies & data collected through EMIS (Energy Management Information System) | Estimation over LCUD investment lifetime (20 years)  Full comfort conditions are assumed in the baseline  The procurement process is efficient and timely  Co-financing realized |
| Number of project beneficiaries, including % of women | N/A | 15,000 (including 60% - women) | M&E tools of the project; Technical reports for infrastructure works accomplished | The procurement process is efficient and timely  Co-financing realized |
| **Component 1: Innovative Financing Mechanisms for Implementation of Low-Carbon Urban Development Concept (LCUD)** | Status and level of capitalization of the financial mechanism (ESCO Funding window) | ESCO Funding window does not exist | ESCO Funds established and capitalized with at least 24 mln US$ | Project reports; reports of project’s partners | Commitment and capacities at EFs to implement the proposed scheme |
| Number of staff at EFs and other stakeholders trained on the operation of ESCO Fund and other innovative financing mechanisms (including number of women) | 0 | 40 (20 women) | M&E tools of the project; Project reports | Commitment and capacities at EFs to implement the proposed scheme |
| Status of MRV system | No MRV system in place | MRV system is operational in both entities | Project reports; reports of project’s partners | Commitment and capacities at EFs to implement the proposed scheme, including MRV |
| **Component 2: Low-carbon public buildings and utilities** | Number of public facilities and utilities covered by EMIS on municipal level | 2,300 | 3,800 | Progress reports from EMIS | Local authorities’ commitment to adopt EMIS remains strong |
| Number of people trained in energy management and LCUD project design and implementation (and % women) | 0 | 1,500 (30%) | Progress reports on EMIS-related trainings | Learning opportunities offered by this project lead to increased investment in LCUD |
| Number of infrastructural LCUD projects implemented | 0 | 45 | Project reports; reports of project’s partners | The procurement process is efficient and timely |
| **Component 3: Low-carbon waste management and (transport)** | Status of MRV for waste sector | No MRV for waste sector | MRV system established (data collection, assessment, archive and evaluation), institutionalized and legally recognized responsibility for MRV in place | Project reports; reports of project’s partners (entities’ environmental funds) | Relevant authorities’ commitment to adopt MRV |
| Reduction in fuel consumption from the municipal waste transportation (% to baseline) in pilot municipalities | N/A | 15% reduction in all 6 pilot municipalities | Project reports; reports of project’s partners including co-financing letters | Local authorities’ and waste management companies are committed to collaborate and implement pilot projects |
| **Component 4: National and sectoral policies, institutional coordination and awareness raising on low carbon urban development** | Status of relevant LCUD enabling rules and regulations | N/A | Harmonized LCUD-enabling rules and regulations developed and enacted across BiH | Project reports; reports of project’s partners; Official Gazettes of different governmental levels | Commitment at entity and state level to promote LCUD  Political stability |
| Number of people reached out to by national LCUD awareness raising campaign (refer to Annex B of the Project Document for details on how this will be measured) | 0 | 750,000 (at least 50% women) | M&E tools of the project; Project reports | The procurement process is efficient and timely.  Adequate support by the CO communications office. |

**Indicator Assessment Key**

|  |  |  |
| --- | --- | --- |
| **Green= Achieved** | **Yellow= On target to be achieved** | **Red= Not on target to be achieved** |