**Progress Towards Results Matrix**

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

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| **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 mechanismLocal authorities’ commitment to adopt and pursue LCUD targets remains strongLocal 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 baselineThe procurement process is efficient and timelyCo-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 timelyCo-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 LCUDPolitical 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**

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