**OPERATIONAL PLAN OF SUSTAINABLE TRANSITION**

**OF X MUNICIPALITY/CITY UNTIL 2050**

**September 2024**

**Table of Contents**

[1. INTRODUCTION 4](#_Toc152537217)

[2. METHODOLOGY 5](#_Toc152537218)

[3. VISION FOR SUSTAINABLE TRANSITION 6](#_Toc152537219)

[3.1. Vision of transitional development of the LSGU 6](#_Toc152537220)

[3.2. Situation analysis 7](#_Toc152537221)

[3.3 Razvojni pravci/prioriteti održive tranzicije 9](#_Toc152537222)

[4. FUNCTIONAL AREAS/MEASURES 12](#_Toc152537223)

[4.1. Funkcionalne oblasti/mjere za razvojni pravac 1 13](#_Toc152537224)

[4.2. Funkcionalne oblasti/mjere za razvojni pravac 2 14](#_Toc152537225)

[5. DESCRIPTION OF NECESSARY SHORT-TERM ACTIVITIES 15](#_Toc152537226)

[5.1. Activities for development direction 1 – xxx 15](#_Toc152537227)

[6. INDICATIVE FINANCIAL FRAMEWORK 16](#_Toc152537228)

[7. COMPLIANCE WITH STRATEGIC DOCUMENTS OF THE MUNICIPALITY/CITY, CANTON, ENTITY AND BIH 17](#_Toc152537229)

[8. FRAMEWORK FOR IMPLEMENTATION, MONITORING AND EVALUATION OF THE OPERATIONAL PLAN OF SUSTAINABLE TRANSITION 18](#_Toc152537230)

[Aneks 1. Operativni plan za realizaciju vizije održive tranzicije Općine Breza za period 2025-2027. godine 19](#_Toc152537231)

**Abbreviations**

**Tables**

**Figures**

1. INTRODUCTION

* *Short infomration on purpose of the TP, goals and objectives*
* *Basis for development of the TP i) legal/rulebooks defined operational three year plans; ii) project based – MoUs, and iii) Green Agenda for the WB/Sofia Declerations/transition processes in BIH (FBIH and RS, and local level invelvement)*
* *Reference to Anex 1 (operational plan) and support for some policy measures and project preparation documents*

1. METHODOLOGY

* *Brief description of the MoW/methodlogy*
* *Brief description of the participatory aproach, GESEP, etc.*
* *Overview of condcted meetings, participating stakeholders, etc.*
* *Reference to Rulebook defined structure/content of Annex 1*

1. VISION FOR SUSTAINABLE TRANSITION
   1. Vision of transitional development of the LSGU

* *Brief description of the conducted visioning excercise (based on MoW defined tool/suggestions and Mitar’s suggested approach)*
* *Stating the 2050 Vision*
* *Describing/explaining the Vision*
  1. Situation analysis
* *The Situation Analysis will provide a brief summary of the currently existing situation within three main areas – social development, economic development and environmental development*
* *This SA will be condudcted based on avaiabe data from LSGUs’ existing plans and strategies (LSGUs development strategy, youth strategy, business strategy, social inclusion strategies, etc.), SECAPs, LEAPs, cantonal, FBIH, RS and BIH strategies and plan (where and if information are relevant for local level), the JT Roadmap of BIH, SDG Roadmap, etc. Moeover, official statistical data shall be used as well.*
* *The table below shows the three main areas’s thematic coverage to be used to develop the SA for each LSGU.*

***Table 1****. Presentation of thematic areas of the sector*

|  |  |
| --- | --- |
| **Sector** | **Thematic areas of the sector** |
| * **Society** | * Demography * Education system * Health care * Social protection * Civil society, youth and non-governmental sector * Sports and culture * Public safety (including dissaster risk reduction-DRR) * Public administration and provision of public services * Public infrastructure (traffic and communications, etc.) * Construction and housing, etc. |
| * **Economy** | * Structure of the private sector (number and structure of enterprises - large, small and medium-sized enterprises, employment and labor market) * Total revenues by areas of company activity * Investments and exchange * Business infrastructure, support for economic development * Industry, mining and energy * Construction * Agriculture and forestry * Tourism, hospitality and non-productive economic activities of special importance for the local community, etc. |
| * **Environment** | * Water management * Waste management * Biodiversity and nature protection * Air quality, climate change and energy (including energy efficiency-EE) * Chemical safety and noise * Sustainable management of resources (including agriculture, forestry and mining) * Environmental management (as a horizontal policy) |

3.3 Development directions/priorities of sustainable transition

* *Based on the GA Roadmap for WB defined development pathways and it’s sub-thematic areas, identify for each LSGU it’s relevant areas/measures.*
* *Utilizing the participatory approach define the currently existing baseline and the 2050. Target for each area/measure.*

**Table 2.** Presentation of development directions/priorities of transition and functional areas/measures

|  |  |
| --- | --- |
| **Development directions/priorities** | **Funkcionalne oblasti / mjere** |
| **Decarbonization / Energy, climate and sustainable transport** | * Establishment of databases on pollutants and emissions * Increasing the use of renewable energy at the local level * Sustainable district heating system * Sustainable, smart and decarbonized traffic * Pedestrian and bicycle paths * Smart lighting (public and other lighting) * Energy efficiency in buildings * Energy efficiency in industry/SME * Introduction of ISO energy standards * Change of land use (LULUCF), protection of wetlands and peatlands, etc. |
| **Circular economy** | * Promotion of the circular economy * Support for low-carbon (Low-Carbon) entrepreneurship * Use of climate-neutral materials (focus on iron, cement, non-metals, basic chemicals and aluminum) * Use of new technologies (BAT) * Use of recycled materials * Use and treatment of waste, especially textiles, batteries, cars, electrical and electronic waste - WEEE * Increasing the product life cycle * "Green" procurement, etc. |
| **Depollution** | * Reduction of fossil fuel consumption at the local level * Establishing standards for emissions from combustion plants * New concept of waste management (selective collection, reduction of waste quantities, etc.) * Establishment of soil, water, air and noise monitoring * Reduction of losses in the water supply system * Improvement of drainage and waste water management (municipal and industrial) * Reducing the use of dangerous chemicals, etc. |
| **Sustanable ariculture** | * Compliance with EU food quality and safety standards * Land protection * Reducing the use of pesticides * Reducing the use of fertilizers * Improved nutrition and facilities in animal husbandry * Support for organic production * Cooperation with agricultural research centers in the application of new knowledge, skills, innovations and technologies * Agroforestry * Collection of agricultural biomass and residues in order to obtain energy * Increased use of manure treatment in anaerobic digesters * Digitization in agriculture * Protection of natural, cultural and traditional rural products, etc. |
| **Biodiversity and nature protection** | * "Green" spatial and urban planning * Improved management of transboundary natural areas * Management of protected areas * Species protection programs, etc. |

*Development direction 1: xxxx*

Development direction 1 encompasses functional areas xxx…

***Table 3****. Impact indicators for development direction 1*

|  |  |  |  |
| --- | --- | --- | --- |
| **Development direction /priority** | **Impact indicators** | **Baseline value** | **Target value** |
| *xxx* | **SDG indicator 6.3.1:** |  |  |
| **Indicator xxx** |  |  |
| **Indicator yyy** |  |  |

*Development direction 2: xxxx*

Development direction 2 encompasses functional areas xxx…

***Table 4.*** *Impact indicators for development direction 2*

|  |  |  |  |
| --- | --- | --- | --- |
| **Development direction /priority** | **Impact indicators** | **Baseline value** | **Target value** |
| *xxx* | **FBIH/RS Sustainbale Development Strategy indicator XXX:** |  |  |
| **Indicator xxx** |  |  |
| **Indicator yyy** |  |  |

*Development direction 3: xxxx*

Development direction 3 encompasses functional areas xxx…

***Table 5****. Impact indicators for development direction 3*

|  |  |  |  |
| --- | --- | --- | --- |
| **Development direction /priority** | **Impact indicators** | **Baseline value** | **Target value 2050** |
| *xxx* | **SDG indicator 6.3.1:** |  |  |
| **Indicator xxx** |  |  |
| **Indicator yyy** |  |  |

1. FUNCTIONAL AREAS/MEASURES

* *Provide an descriptive overview of all development pathways and LSGU relevant areas/measrues (to be achivied in 2050.).*

Functional areas or measures represent key fields and directions of action for the realization of the vision and development directions and as such have the greatest impact on development, i.e. the achievement of goals. The defined functional areas are grouped according to the development directions of the transition.

***Table 6****. Functional areas/measures grouped by development directions*

| **Developmetn directions/prioriies** | **Functional area /measure 2050.** |
| --- | --- |
| **Development direction 1: xxx** | **Functional area 1.1.2 Low carbon sustainable district heating system** |
| **Functional area 1.2.1** |
| **Development direction 2: xxx** |  |
| **Development direction 3: xxx** |  |

* 1. **Functional areas/measures for development direction 1**
* *Provide an description of each identified measure under the pathway 1.*
* *Define all required activites/projects required to be undertaken short, mid and long term (i.e. by 2027., 2035. and 2050.). Define the baseline and targets for each activity/project.*

XXX functional areas are defined within the framework of development direction 1, namely:

**Functional area 1.1** – Low carbon district heating system (without fossil fuels) that will supply xxx...

**Functional area 1.2** - xxx

**Functional area 1.3** - xxx

***Table 7.*** *Functional area/measure with associated indicators*

| **Functional area/measure 2050.** | **Activity/project** | **Indicator** | | **Timeframe for implementation  (ST – do. 2027 / MT – do. 2035. / LG– do. 2050.)** |
| --- | --- | --- | --- | --- |
| **Baseline value** | **Target value** |
| **Functional area 1.1.** **Low carbon district heating system** | Preparation of feasibility study, conceptual and main project | Feasibility study | Main project prepared | ST |
| Construction | xxx | Operational system | MT |
| Improving the work and efficiency of theXX; continuous investment in the companies, maintaining the distribution system, increasing EE and using the share of RES | xxx | * xxx | LT |
| **Functional area 1.2.** **xxx** | Xxx | * xxx | * xxx |  |

1. DESCRIPTION OF NECESSARY SHORT-TERM ACTIVITIES

* *Summarize identified short-term activites required to be undertaken by 2027 (per pawthway and area/measrue)*
* *Provide description of each identified short-term activity sufficient to fillout the Annex 1 of the TP.*
  1. Activities for development direction 1 – xxx

***Functional area 1.1. xxx***

Activity 1 - Development of the conceptual and main XXX project until 2027. The expected result is xxx

***Functional area 1.2. xxx***

Activity 1 –

Activity 2 - The goal of this activity is xxx… by 2025. The expected result is xxx…

Activity 3 - The goal of this activity is xxx… by 2025. The expected result is xxx…

1. INDICATIVE FINANCIAL FRAMEWORK

* *Provide an indicative financial estimation for each identified short-term activity.*
* *Summarize the financial needs by 2027 per area/measrue and per pathway.*
* *Categorize the financial needs to as per Rulebook defined fin sources/categories.*

1. COMPLIANCE WITH STRATEGIC DOCUMENTS OF THE MUNICIPALITY/CITY, CANTON, ENTITY AND BIH

* *Provide an overview of BIH, FBIH/RS, cantonal, local/municipal and/or any other relevant strategic document.*

1. FRAMEWORK FOR IMPLEMENTATION, MONITORING AND EVALUATION OF THE OPERATIONAL PLAN OF SUSTAINABLE TRANSITION

* *Provide description on the legal framework for implementation, monitoring and the evaluation of plans.*
* *Identify the key stakeholder(s) for the implementation of each activity.*
* *Identify key stakeholders (LSGU’s administration units) obliged to monitor and evaluate the plans.*

Aneks 1. Operativni plan za realizaciju vizije održive tranzicije Općine Breza za period 2025-2027. godine

* *Based on all previous chapters – fillout the pre-defined forms for operational plans for FBIH/RS.*

Remark: The operational plan for the realization of the vision of sustainable transition of the Municipality/City of XXX for the period 2025-2027 is aligned with table A2. Activities / projects implementing the programs (measures) of the three-year work plan of the XXX Municipal/City Administration for 2025-2027. year and was created on the basis of the Law (FBIH/RS details to be added), the Regulation on three-year and annual work planning, monitoring and reporting (FBiH/RS details to be added) n accordance with the methodological approach in planning the work of administrative bodies in the FBiH/RS.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Serial number and name of functional area/measure:** *Sustainable district heating system built (without fossil fuels)* | | | | | | | | | |
| **Name of the planning/strategic document, designation of strategic goal, priority and measure taken as a program: OPERATIONAL PLAN OF SUSTAINABLE TRANSITION**  **for LSGUXXX UNTIL 2050** | | | | | | | | | |
| **Project/activity** | **Deadline** | **Expected result** | **Implementing party**  () | **Connection with Plan for Public Invesmtnets**  (Yes/No) | **For Adoption**  (Yes/No) | **Sources** | **Sources and amounts of planned financial resources in KM** | | |
| **2025** | **2026** | **2027** |
| ***1. Create the conceptual and main project of the XXX*** | 2027. | The main project has been prepared and is ready for implementation (construction of SDG in the municipality of Breza). | Department for Economy | YES | NO | Budget | 0 | 0 | 0 |
| Loan | 0 | 0 | 0 |
| EU funds | 0 | 0 | 0 |
| Other donations | 0 | 0 | 0 |
| Other sources | 0 | 0 | 0 |
| Total | 0 | 0 | 0 |