



INITIATIVE ON  
Resilient Cities



# Plan of results and budget 2024

CGIAR Initiative on Resilient Cities



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## Purpose

CGIAR has adopted the principle of adaptive management as a strategy which includes a re-planning process that recognizes that planning is an iterative process and plans need to be flexible enough to be adapted, incorporating the knowledge and learning gained from the reflect process into decision-making, allowing for changes to plans to achieve the expected results.

This document provides the 2024 refocused Plans of Results and Budget (PORB) for the Resilient Cities initiative following the re-planning process that took place in February to June 2024. This updated 2024 PORB has considered the reflected changes for the 2024 budgets, implementation timelines and results to ensure the Initiative success.

# Resilient Cities | Consolidated

| Work Packages (WP)/Results                                                                                                         | Type          | 2024                    |          |          |          |             |                  |
|------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------|----------|----------|----------|-------------|------------------|
|                                                                                                                                    |               | Implementation Timeline |          |          |          | Budget      |                  |
|                                                                                                                                    |               | Q1                      | Q2       | Q3       | Q4       | (%)         | \$               |
| <b>Total Initiative</b>                                                                                                            |               |                         |          |          |          |             |                  |
| Cross Cutting                                                                                                                      |               | X                       | X        | X        | X        | 12%         | 505,867          |
| Work Package 1: Enabling sustainable production of nutritious foods in (peri-) urban zones                                         |               | X                       | X        | X        | X        | 17%         | 698,262          |
| Work Package 2: Building inclusive and sustainable food markets and safeguarding supply chains                                     |               | X                       | X        | X        | X        | 22%         | 877,897          |
| Work Package 3: Strengthening circular bioeconomy, food safety and the urban environment                                           |               | X                       | X        | X        | X        | 19%         | 761,214          |
| Work Package 4: Improving food environments and consumer behavior for nutrition                                                    |               | X                       | X        | X        | X        | 14%         | 586,130          |
| Work Package 5: Strengthening the evidence base and research & innovation capacities for UPU agrifood system governance and growth |               | X                       | X        | X        | X        | 16%         | 587,275          |
| Innovation packages & Scalling Readiness                                                                                           |               | X                       | X        | X        | X        | 1%          | 47,947           |
| <b>Total</b>                                                                                                                       |               | <b>X</b>                | <b>X</b> | <b>X</b> | <b>X</b> | <b>100%</b> | <b>4,064,592</b> |
| <b>Cross Cutting</b>                                                                                                               |               |                         |          |          |          |             |                  |
| CGIAR MELIA system operational throughout the Initiative                                                                           | Cross Cutting | X                       | X        | X        | X        | 8%          | 38,082           |
| Initiative activities and results widely communicated in social media, mass media, and public events                               | Cross Cutting | X                       | X        | X        | X        | 27%         | 138,971          |
| Adaptive management implemented in all components and operational areas                                                            | Cross Cutting | X                       | X        | X        | X        | 12%         | 63,091           |
| MELIA data analyzed and presented for adaptive management and strategic planning                                                   | Cross Cutting | X                       | X        | X        | X        | 8%          | 38,082           |
| Priorities and feedback from regular stakeholder interactions at country level captured                                            | Cross Cutting | X                       | X        | X        | X        | 13%         | 63,661           |
| Quarterly Management Team meetings held                                                                                            | Cross Cutting | X                       | X        | X        | X        | 10%         | 50,017           |

| Work Packages (WP)/Results                                                                                                                                                                                                                                                                                                                           | Type          | 2024                    |    |    |    |        |         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------|----|----|----|--------|---------|
|                                                                                                                                                                                                                                                                                                                                                      |               | Implementation Timeline |    |    |    | Budget |         |
|                                                                                                                                                                                                                                                                                                                                                      |               | Q1                      | Q2 | Q3 | Q4 | (%)    | \$      |
| Reports on adoption and diffusion studies                                                                                                                                                                                                                                                                                                            | Cross Cutting | X                       | X  | X  | X  | 8%     | 38,367  |
| Technical and financial reports produced as required                                                                                                                                                                                                                                                                                                 | Cross Cutting | X                       | X  | X  | X  | 15%    | 75,595  |
| At least 100,000 urban consumers benefit from nutrition programs that use evidence based UPU food environment and consumption toolkits, social assistance program guidance and profiles to improve diet quality and nutritional status.                                                                                                              | EOI           | X                       | X  | X  | X  | 0%     | -       |
| At least 5,000 local MSMEs in food processing, marketing and agri-food service sectors can access and utilize business development toolkits, improved technologies, knowledge and skills, with strong participation by women and youth                                                                                                               | EOI           | X                       | X  | X  | X  | 0%     | -       |
| At least 5,000 small-scale producers in Urban and Peri-urban (UPU) zones can access and utilize improved technologies, skills, know-how and management tools for safer, more sustainable and more efficient vegetable, livestock and fish production.                                                                                                | EOI           | X                       | X  | X  | X  | 0%     | -       |
| Municipal authorities and their public and private sector partners in at least 6 cities and towns are made aware of evidence-based approaches, tools, and business models for planning, implementing and monitoring investments in a circular bio-economy and/or strategies to mitigate environmental and human health risks.                        | EOI           | X                       | X  | X  | X  | 0%     | -       |
| Urban planners and stakeholders participating in global networks of more than 200 cities representing over 400 million consumers use, promote and improve Research and Innovation tools and approaches developed by research, training institutions and civil society to accelerate UPU agri-food system development and strengthen urban resilience | EOI           |                         |    |    | X  | 0%     | -       |
| <b>Subtotal</b>                                                                                                                                                                                                                                                                                                                                      |               | X                       | X  | X  | X  | 100%   | 505,867 |

| Work Packages (WP)/Results                                                                                                   | Type   | 2024                    |    |    |    |        |        |
|------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------|----|----|----|--------|--------|
|                                                                                                                              |        | Implementation Timeline |    |    |    | Budget |        |
|                                                                                                                              |        | Q1                      | Q2 | Q3 | Q4 | (%)    | \$     |
| Work Package 1: Enabling sustainable production of nutritious foods in (peri-) urban zones                                   |        |                         |    |    |    |        |        |
| 1.1.10 Data set assessing the microplastic contamination of vegetables grown in urban and peri-urban environments published  | OUTPUT | X                       | X  | X  | X  | 4%     | 27,930 |
| 1.1.1 Implementation guide for improving seed and seedling systems to promote urban and peri-urban food production output    | OUTPUT | X                       | X  | X  | X  | 4%     | 27,930 |
| 1.1.2 Knowledge products comparing urban seedling systems in four cities/countries published                                 | OUTPUT | X                       | X  | X  | X  | 4%     | 27,930 |
| 1.1.3 At least 300 women and youth trained in food production (Kenya, Ethiopia, Bangladesh)                                  | OUTPUT | X                       | X  | X  | X  | 8%     | 55,861 |
| 1.1.4 Data set comparing the cost-effectiveness of supplying vegetable seed Vs. seedlings published                          | OUTPUT | X                       | X  | X  | X  | 3%     | 20,948 |
| 1.1.5 At least 200 people trained in food production and business management per country                                     | OUTPUT | X                       | X  | X  | X  | 14%    | 97,757 |
| 1.1.6 Paper comparing the effectiveness of alternative soil media and bio agents published                                   | OUTPUT | X                       | X  | X  | X  | 5%     | 34,913 |
| 1.1.7 Implementation guide to exploit the re-use of urban waste in food production                                           | OUTPUT | X                       | X  | X  | X  | 5%     | 34,913 |
| 1.1.9 Paper on the risk assessment of fruits and vegetables produced in urban and peri-urban environments                    | OUTPUT | X                       | X  | X  | X  | 6%     | 41,896 |
| 1.2.1 Communication products on guidelines to support efficient and safe food in urban and peri-urban environments published | OUTPUT | X                       | X  | X  | X  | 10%    | 69,826 |
| 1.2.2 Paper describing urban food production in Dhaka                                                                        | OUTPUT | X                       | X  | X  | X  | 4%     | 27,930 |
| 1.2.3 Baseline data set for impact evaluation in either Kenya or Ethiopia                                                    | OUTPUT | X                       | X  | X  | X  | 5%     | 34,913 |

| Work Packages (WP)/Results                                                                                                                             | Type    | 2024                    |    |    |    |        |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|----|----|----|--------|---------|
|                                                                                                                                                        |         | Implementation Timeline |    |    |    | Budget |         |
|                                                                                                                                                        |         | Q1                      | Q2 | Q3 | Q4 | (%)    | \$      |
| 1.2.4 Policy brief about urban gardening in Manila                                                                                                     | OUTPUT  | X                       | X  | X  | X  | 5%     | 34,913  |
| 1.3.1 Implementation guide on how to encourage women and youth to produce nutritious and safe vegetables for urban markets                             | OUTPUT  | X                       | X  | X  | X  | 7%     | 48,878  |
| 1.3.2 Technical instruction videos supporting urban gardening                                                                                          | OUTPUT  | X                       | X  | X  | X  | 6%     | 41,896  |
| 1.3.3 At least 200 people trained in food production and business management per country                                                               | OUTPUT  | X                       | X  | X  | X  | 5%     | 34,913  |
| Output 1.1.8: At least 100 people trained in the re-use of urban waste                                                                                 | OUTPUT  | X                       | X  | X  | X  | 5%     | 34,913  |
| Planners and civil society programs use evidence-based guidelines to support efficient and safe food production in urban and peri-urban environments.. | OUTCOME |                         | X  | X  | X  | 0%     | -       |
| Small-scale producers in UPU zones access and utilize improved technologies, know-how and management tools                                             | OUTCOME |                         | X  | X  | X  | 0%     | -       |
| Urban populations vulnerable to malnutrition gain better access to nutritious food produced in cities                                                  | OUTCOME |                         | X  | X  | X  | 0%     | -       |
| <b>Subtotal</b>                                                                                                                                        |         | X                       | X  | X  | X  | 100%   | 698,262 |
| <b>Work Package 2: Building inclusive and sustainable food markets and safeguarding supply chains</b>                                                  |         |                         |    |    |    |        |         |
| 2.1.1 Evidence and Guidelines for market repositioning, including shorter value chains, new roles and functions, and consumer outreach                 | OUTPUT  | X                       | X  | X  | X  | 14%    | 126,926 |
| 2.1.2 Food market risk profile and mitigation options developed, with necessary capacity strengthening needs identified                                | OUTPUT  | X                       | X  | X  | X  | 22%    | 191,795 |
| 2.1.3 Vendor capacities for enterprise and business strengthened                                                                                       | OUTPUT  | X                       | X  | X  | X  | 52%    | 454,432 |

| Work Packages (WP)/Results                                                                                                                                                                            | Type    | 2024                    |    |    |    |        |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|----|----|----|--------|---------|
|                                                                                                                                                                                                       |         | Implementation Timeline |    |    |    | Budget |         |
|                                                                                                                                                                                                       |         | Q1                      | Q2 | Q3 | Q4 | (%)    | \$      |
| 2.1.4 Guidelines are developed and shared with relevant stakeholders and networks for policy support to informal markets as an essential part of urban food system                                    | OUTPUT  | X                       | X  | X  | X  | 12%    | 104,743 |
| 2.2.1 Joint producer-vendor communications platforms for food marketing and reduction of food losses                                                                                                  | OUTPUT  | X                       |    |    |    | 0%     | -       |
| 2.2.2 Food storage and other waste management practices identified for reduced waste, increased income and employment and market actor storage and processing capacity strengthening needs identified | OUTPUT  | X                       |    |    |    | 0%     | -       |
| Market vendors, institutions and policy actors reposition and diversify local markets through changes in practices and policies, enhancing food safety, food access and decent work                   | OUTCOME | X                       | X  | X  | X  | 0%     | -       |
| Urban food marketing enterprises safeguard food supplies through enhanced communication with food producers towards increased food flows and reduced food losses                                      | OUTCOME | X                       | X  | X  | X  | 0%     | -       |
| <b>Subtotal</b>                                                                                                                                                                                       |         | X                       | X  | X  | X  | 100%   | 877,897 |
| <b>Work Package 3: Strengthening circular bioeconomy, food safety and the urban environment</b>                                                                                                       |         |                         |    |    |    |        |         |
| 3.1.1 Compilation of business models for sewage sludge reuse                                                                                                                                          | OUTPUT  | X                       |    |    |    | 0%     | -       |
| 3.1.2 Lessons learnt and recommendations for PPPs in municipal RRR programs                                                                                                                           | OUTPUT  | X                       |    |    |    | 7%     | 51,331  |
| 3.1.3 Review of experience with biogas in the Global south                                                                                                                                            | OUTPUT  | X                       | X  | X  |    | 10%    | 76,997  |
| 3.1.4 Analysis of wastewater-freshwater swaps                                                                                                                                                         | OUTPUT  |                         | X  |    |    | 0%     | -       |
| 3.1.5 Water quality risk-mitigation guidelines for FAO                                                                                                                                                | OUTPUT  |                         |    |    | X  | 0%     | -       |

| Work Packages (WP)/Results                                                                                    | Type    | 2024                    |    |    |    |        |         |
|---------------------------------------------------------------------------------------------------------------|---------|-------------------------|----|----|----|--------|---------|
|                                                                                                               |         | Implementation Timeline |    |    |    | Budget |         |
|                                                                                                               |         | Q1                      | Q2 | Q3 | Q4 | (%)    | \$      |
| 3.1.6 Review of WHO guideline adoption challenges                                                             | OUTPUT  | X                       | X  |    |    | 0%     | -       |
| 3.2.1 Investment climate for RRR (incl.carbon credits) atleast in 10 countries analyzed                       | OUTPUT  | X                       | X  | X  | X  | 17%    | 128,328 |
| 3.2.2 Lessons learned from carbon finance for RRR in the Global South reviewed                                | OUTPUT  | X                       | X  | X  |    | 7%     | 51,331  |
| 3.2.3 Scenarios for moving from chemical fertilizers towards a circular bio-economy analyzed                  | OUTPUT  | X                       | X  | X  | X  | 7%     | 51,331  |
| 3.2.4 Food waste rescue regulations in selected countries (India, Sri Lanka, Phillipines) reviewed            | OUTPUT  | X                       | X  | X  | X  | 7%     | 51,331  |
| 3.2.5 Financial models for Black soldier fly utilization in RRR enterprises analysed                          | OUTPUT  | X                       | X  | X  |    | 7%     | 51,331  |
| 3.3.1 Evidence on successful incentive-based strategies for food safety in urban environments                 | OUTPUT  | X                       | X  | X  | X  | 23%    | 175,282 |
| 3.3.2 Assessments and profiling of health benefits and risk from urban livestock keeping done                 | OUTPUT  | X                       | X  | X  | X  | 16%    | 123,951 |
| Improved understanding of adoption drivers for food safety and environmental health in urban food systems     | OUTCOME |                         |    | X  | X  | 0%     | -       |
| Increased capacity for Resource Recovery and Resue (RRR) business planning and operations                     | OUTCOME | X                       | X  | X  | X  | 0%     | -       |
| Increased knowledge of investment options in locally viable RRR models and supportive regulatory environments | OUTCOME | X                       | X  | X  | X  | 0%     | -       |
| <b>Subtotal</b>                                                                                               |         | X                       | X  | X  | X  | 100%   | 761,214 |



| Work Packages (WP)/Results                                                                                                                                           | Type    | 2024                    |    |   |   | Budget |         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|----|---|---|--------|---------|
|                                                                                                                                                                      |         | Implementation Timeline |    |   |   | (%)    | \$      |
| Q1                                                                                                                                                                   | Q2      | Q3                      | Q4 |   |   |        |         |
| Work Package 4: Improving food environments and consumer behavior for nutrition                                                                                      |         |                         |    |   |   |        |         |
| 4.1.1 UFED toolkit that includes an inventory of food environment and dietary assessment methods with recommendations as to what combinations to use in UPU settings | OUTPUT  | X                       | X  | X | X | 18%    | 102,679 |
| 4.1.2 Assessment of the validation of using FRANI to assess nutrient intake compared to 24 h recalls in adolescents in Ghana and Sri Lanka                           | OUTPUT  | X                       | X  |   |   | 9%     | 51,340  |
| 4.1.3 Summary of results from adaptation of food assessment tools for use in urban Sri Lanka                                                                         | OUTPUT  | X                       | X  | X | X | 4%     | 25,670  |
| 4.2.2 Diet and food environment resilience profiles contributing to Integrated Urban Food System Profiles                                                            | OUTPUT  | X                       | X  | X | X | 15%    | 87,707  |
| 4.2Reviews of diet and nutrition problems in urban areas of the six focal countries                                                                                  | OUTPUT  | X                       | X  | X | X | 11%    | 62,037  |
| 4.3.1 Guidance for leveraging SAPs to improve diets in urban settings                                                                                                | OUTPUT  | X                       | X  | X | X | 26%    | 154,019 |
| Assessment of the validation of using a phone-based dietary survey compared to a weighed record in Sri Lanka                                                         | OUTPUT  | X                       | X  | X | X | 18%    | 102,679 |
| Countries promote guidelines for SAPs in urban environments for safe and sustainable health diets.                                                                   | OUTCOME | X                       | X  | X | X | 0%     | -       |
| Stakeholders and beneficiaries participate in pilots of at least one SAP with the aim of improving diets (women and/or youth)                                        | OUTCOME | X                       | X  | X | X | 0%     | -       |
| Stakeholders in at least 3 countries adopt UFED toolkits                                                                                                             | OUTCOME | X                       | X  | X | X | 0%     | -       |
| <b>Subtotal</b>                                                                                                                                                      |         | X                       | X  | X | X | 100%   | 586,130 |

| Work Packages (WP)/Results                                                                                                                           | Type    | 2024                    |    |    |    |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|----|----|----|--------|--------|
|                                                                                                                                                      |         | Implementation Timeline |    |    |    | Budget |        |
|                                                                                                                                                      |         | Q1                      | Q2 | Q3 | Q4 | (%)    | \$     |
| Work Package 5: Strengthening the evidence base and research & innovation capacities for UPU agrifood system governance and growth                   |         |                         |    |    |    |        |        |
| 5.1.1 Integrated Urban Agrifood System Profiles (incl. investment options) published                                                                 | OUTPUT  | X                       | X  | X  | X  | 16%    | 91,727 |
| 5.1.2 White paper 'food systems for an Urban Planet' published in 'future of food' series                                                            | OUTPUT  |                         | X  |    |    | 6%     | 35,486 |
| 5.1.3 Webinar series on urban food systems held by World Bank                                                                                        | OUTPUT  |                         |    |    | X  | 8%     | 44,357 |
| 5.1.4 Contributions to country-level knowledge sharing events by Government, NGOs and others                                                         | OUTPUT  |                         |    |    | X  | 11%    | 66,536 |
| 5.1.5 Knowledge sharing events and capacity development sessions held targeting LMIC demand                                                          | OUTPUT  |                         |    |    | X  | 15%    | 88,714 |
| 5.2.1 Improved indicators, metrics and data tools for resilient urban food systems published                                                         | OUTPUT  | X                       | X  | X  | X  | 17%    | 97,589 |
| 5.2.2 Training materials on circular bioeconomy options                                                                                              | OUTPUT  | X                       | X  | X  | X  | 4%     | 24,479 |
| 5.2.3 Review papers on key topics in urban Agrifood Systems innovations and governance pertinent to Low- and Middle-Income countries (LMICs)         | OUTPUT  | X                       | X  | X  | X  | 5%     | 31,053 |
| 5.3.1 Lean Launchpad tools customized to urban agrifood startups                                                                                     | OUTPUT  |                         |    | X  |    | 11%    | 66,536 |
| 5.3.2 Innovation hub for design, testing, and scale of circular bioeconomy business models established for stakeholder training                      | OUTPUT  | X                       | X  | X  | X  | 7%     | 40,799 |
| Governments, researchers, training institutes, civil society groups etc.use improved data tools to analyze and monitor urban food system development | OUTCOME |                         |    |    | X  | 0%     | -      |
| Integrated Urban Food System Profiles used for priority setting by Municipalities, National Ministries, World Bank and other IFIs                    | OUTCOME |                         |    |    | X  | 0%     | -      |

| Work Packages (WP)/Results                                                                                                       | Type    | 2024                    |    |    |    |        |         |
|----------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|----|----|----|--------|---------|
|                                                                                                                                  |         | Implementation Timeline |    |    |    | Budget |         |
|                                                                                                                                  |         | Q1                      | Q2 | Q3 | Q4 | (%)    | \$      |
| Lean Launchpads support urban agrifood startups                                                                                  | OUTCOME | X                       |    |    |    | 0%     | -       |
| LMIC governments, private sector, civil society, and international partners better understand and engage with Urban Food Systems | OUTCOME |                         | X  |    |    | 0%     | -       |
| <b>Subtotal</b>                                                                                                                  |         | X                       | X  | X  | X  | 100%   | 587,275 |
| <b>Innovation packages &amp; Scalling Readiness</b>                                                                              |         |                         |    |    |    |        |         |
| Scaling Strategies (2)                                                                                                           | IPSR    |                         |    | X  | X  | 20%    | 9,589   |
| Innovation Packages (4)                                                                                                          | IPSR    |                         | X  | X  | X  | 20%    | 9,589   |
| Other (2-3)                                                                                                                      | IPSR    |                         |    | X  | X  | 40%    | 19,179  |
| Innovation Profiles (8)                                                                                                          | IPSR    | X                       | X  | X  | X  | 20%    | 9,589   |
| <b>Subtotal</b>                                                                                                                  |         | X                       | X  | X  | X  | 100%   | 47,947  |

# Resilient Cities | International Rice Research Institute

| Work Packages (WP)/Results                                                                                                                   | Type   | 2024                    |    |    |    |        |        |
|----------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------|----|----|----|--------|--------|
|                                                                                                                                              |        | Implementation Timeline |    |    |    | Budget |        |
|                                                                                                                                              |        | Q1                      | Q2 | Q3 | Q4 | (%)    | \$     |
| Cross Cutting                                                                                                                                |        |                         |    |    |    |        |        |
| 2.1.1 Evidence and Guidelines for market repositioning, including shorter value chains, new roles and functions, and consumer outreach       | OUTPUT | X                       | X  | X  | X  | 10%    | 9,316  |
| 2.1.3 Vendor capacities for enterprise and business strengthened                                                                             | OUTPUT | X                       | X  | X  | X  | 90%    | 83,843 |
| Subtotal                                                                                                                                     |        | X                       | X  | X  | X  | 100%   | 93,159 |
| Work Package 5: Strengthening the evidence base and research & innovation capacities for UPU agrifood system governance and growth           |        |                         |    |    |    |        |        |
| 5.2.1 Improved indicators, metrics and data tools for resilient urban food systems published                                                 | OUTPUT | X                       | X  | X  | X  | 50%    | 31,053 |
| 5.2.3 Review papers on key topics in urban Agrifood Systems innovations and governance pertinent to Low- and Middle-Income countries (LMICs) | OUTPUT | X                       | X  | X  | X  | 50%    | 31,053 |
| Subtotal                                                                                                                                     |        | X                       | X  | X  | X  | 100%   | 62,106 |

# Resilient Cities | International Institute of Tropical Agriculture

| Work Packages (WP)/Results                                                                                                   | Type   | 2024                    |    |    |    |        |        |
|------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------|----|----|----|--------|--------|
|                                                                                                                              |        | Implementation Timeline |    |    |    | Budget |        |
|                                                                                                                              |        | Q1                      | Q2 | Q3 | Q4 | (%)    | \$     |
| Work Package 1: Enabling sustainable production of nutritious foods in (peri-) urban zones                                   |        |                         |    |    |    |        |        |
| 1.1.10 Data set assessing the microplastic contamination of vegetables grown in urban and peri-urban environments published  | OUTPUT | X                       | X  | X  | X  | 4%     | 27,930 |
| 1.1.1 Implementation guide for improving seed and seedling systems to promote urban and peri-urban food production output    | OUTPUT | X                       | X  | X  | X  | 4%     | 27,930 |
| 1.1.2 Knowledge products comparing urban seedling systems in four cities/countries published                                 | OUTPUT | X                       | X  | X  | X  | 4%     | 27,930 |
| 1.1.3 At least 300 women and youth trained in food production (Kenya, Ethiopia, Bangladesh)                                  | OUTPUT | X                       | X  | X  | X  | 8%     | 55,861 |
| 1.1.4 Data set comparing the cost-effectiveness of supplying vegetable seed Vs. seedlings published                          | OUTPUT | X                       | X  | X  | X  | 3%     | 20,948 |
| 1.1.5 At least 200 people trained in food production and business management per country                                     | OUTPUT | X                       | X  | X  | X  | 14%    | 97,757 |
| 1.1.6 Paper comparing the effectiveness of alternative soil media and bio agents published                                   | OUTPUT | X                       | X  | X  | X  | 5%     | 34,913 |
| 1.1.7 Implementation guide to exploit the re-use of urban waste in food production                                           | OUTPUT | X                       | X  | X  | X  | 5%     | 34,913 |
| 1.1.9 Paper on the risk assessment of fruits and vegetables produced in urban and peri-urban environments                    | OUTPUT | X                       | X  | X  | X  | 6%     | 41,896 |
| 1.2.1 Communication products on guidelines to support efficient and safe food in urban and peri-urban environments published | OUTPUT | X                       | X  | X  | X  | 10%    | 69,826 |
| 1.2.2 Paper describing urban food production in Dhaka                                                                        | OUTPUT | X                       | X  | X  | X  | 4%     | 27,930 |
| 1.2.3 Baseline data set for impact evaluation in either Kenya or Ethiopia                                                    | OUTPUT | X                       | X  | X  | X  | 5%     | 34,913 |

| Work Packages (WP)/Results                                                                                                                             | Type    | 2024                    |    |    |    |        |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|----|----|----|--------|---------|
|                                                                                                                                                        |         | Implementation Timeline |    |    |    | Budget |         |
|                                                                                                                                                        |         | Q1                      | Q2 | Q3 | Q4 | (%)    | \$      |
| 1.2.4 Policy brief about urban gardening in Manila                                                                                                     | OUTPUT  | X                       | X  | X  | X  | 5%     | 34,913  |
| 1.3.1 Implementation guide on how to encourage women and youth to produce nutritious and safe vegetables for urban markets                             | OUTPUT  | X                       | X  | X  | X  | 7%     | 48,878  |
| 1.3.2 Technical instruction videos supporting urban gardening                                                                                          | OUTPUT  | X                       | X  | X  | X  | 6%     | 41,896  |
| 1.3.3 At least 200 people trained in food production and business management per country                                                               | OUTPUT  | X                       | X  | X  | X  | 5%     | 34,913  |
| Output 1.1.8: At least 100 people trained in the re-use of urban waste                                                                                 | OUTPUT  | X                       | X  | X  | X  | 5%     | 34,913  |
| Planners and civil society programs use evidence-based guidelines to support efficient and safe food production in urban and peri-urban environments.. | OUTCOME |                         | X  | X  | X  | 0%     | -       |
| Small-scale producers in UPU zones access and utilize improved technologies, know-how and management tools                                             | OUTCOME |                         | X  | X  | X  | 0%     | -       |
| Urban populations vulnerable to malnutrition gain better access to nutritious food produced in cities                                                  | OUTCOME |                         | X  | X  | X  | 0%     | -       |
| <b>Subtotal</b>                                                                                                                                        |         | X                       | X  | X  | X  | 100%   | 698,262 |

# Resilient Cities | International Livestock Research Institute

| Work Packages (WP)/Results                                                                                                                                                                                                                            | Type          | 2024                    |          |          |          |             |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------|----------|----------|----------|-------------|----------------|
|                                                                                                                                                                                                                                                       |               | Implementation Timeline |          |          |          | Budget      |                |
|                                                                                                                                                                                                                                                       |               | Q1                      | Q2       | Q3       | Q4       | (%)         | \$             |
| <b>Cross Cutting</b>                                                                                                                                                                                                                                  |               |                         |          |          |          |             |                |
| CGIAR MELIA system operational throughout the Initiative                                                                                                                                                                                              | Cross Cutting | X                       | X        | X        | X        | 5%          | 12,504         |
| Initiative activities and results widely communicated in social media, mass media, and public events                                                                                                                                                  | Cross Cutting | X                       | X        | X        | X        | 30%         | 75,026         |
| Adaptive management implemented in all components and operational areas                                                                                                                                                                               | Cross Cutting | X                       | X        | X        | X        | 15%         | 37,513         |
| MELIA data analyzed and presented for adaptive management and strategic planning                                                                                                                                                                      | Cross Cutting | X                       | X        |          | X        | 5%          | 12,504         |
| Priorities and feedback from regular stakeholder interactions at country level captured                                                                                                                                                               | Cross Cutting | X                       | X        | X        | X        | 5%          | 12,504         |
| Quarterly Management Team meetings held                                                                                                                                                                                                               | Cross Cutting | X                       | X        | X        | X        | 20%         | 50,017         |
| Technical and financial reports produced as required                                                                                                                                                                                                  | Cross Cutting | X                       | X        | X        | X        | 20%         | 50,017         |
| At least 5,000 local MSMEs in food processing, marketing and agri-food service sectors can access and utilize business development toolkits, improved technologies, knowledge and skills, with strong participation by women and youth                | EOI           | X                       | X        | X        | X        | 0%          | -              |
| At least 5,000 small-scale producers in Urban and Peri-urban (UPU) zones can access and utilize improved technologies, skills, know-how and management tools for safer, more sustainable and more efficient vegetable, livestock and fish production. | EOI           | X                       | X        | X        | X        | 0%          | -              |
| <b>Subtotal</b>                                                                                                                                                                                                                                       |               | <b>X</b>                | <b>X</b> | <b>X</b> | <b>X</b> | <b>100%</b> | <b>250,085</b> |

| Work Packages (WP)/Results                                                                                                                                                          | Type    | 2024                    |    |    |    |        |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|----|----|----|--------|---------|
|                                                                                                                                                                                     |         | Implementation Timeline |    |    |    | Budget |         |
|                                                                                                                                                                                     |         | Q1                      | Q2 | Q3 | Q4 | (%)    | \$      |
| Work Package 2: Building inclusive and sustainable food markets and safeguarding supply chains                                                                                      |         |                         |    |    |    |        |         |
| 2.1.2 Food market risk profile and mitigation options developed, with necessary capacity strengthening needs identified                                                             | OUTPUT  | X                       | X  | X  | X  | 20%    | 69,829  |
| 2.1.3 Vendor capacities for enterprise and business strengthened                                                                                                                    | OUTPUT  | X                       | X  | X  | X  | 50%    | 174,572 |
| 2.1.4 Guidelines are developed and shared with relevant stakeholders and networks for policy support to informal markets as an essential part of urban food system                  | OUTPUT  | X                       | X  | X  | X  | 30%    | 104,743 |
| Market vendors, institutions and policy actors reposition and diversify local markets through changes in practices and policies, enhancing food safety, food access and decent work | OUTCOME | X                       | X  | X  | X  | 0%     | -       |
| Urban food marketing enterprises safeguard food supplies through enhanced communication with food producers towards increased food flows and reduced food losses                    | OUTCOME | X                       | X  | X  | X  | 0%     | -       |
| Subtotal                                                                                                                                                                            |         | X                       | X  | X  | X  | 100%   | 349,144 |
| Work Package 3: Strengthening circular bioeconomy, food safety and the urban environment                                                                                            |         |                         |    |    |    |        |         |
| 3.3.1 Evidence on successful incentive-based strategies for food safety in urban environments                                                                                       | OUTPUT  | X                       | X  | X  | X  | 50%    | 123,951 |
| 3.3.2 Assessments and profiling of health benefits and risk from urban livestock keeping done                                                                                       | OUTPUT  | X                       | X  | X  | X  | 50%    | 123,951 |
| Improved understanding of adoption drivers for food safety and environmental health in urban food systems                                                                           | OUTCOME |                         |    | X  | X  | 0%     | -       |
| Increased capacity for Resource Recovery and Resue (RRR) business planning and operations                                                                                           | OUTCOME |                         | X  |    | X  | 0%     | -       |
| Increased knowledge of investment options in locally viable RRR models and supportive regulatory environments                                                                       | OUTCOME |                         |    | X  | X  | 0%     | -       |
| Subtotal                                                                                                                                                                            |         | X                       | X  | X  | X  | 100%   | 247,901 |



## Resilient Cities | International Potato Center

| Work Packages (WP)/Results                                                                                                             | Type          | 2024                    |    |    |    |        |         |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------|----|----|----|--------|---------|
|                                                                                                                                        |               | Implementation Timeline |    |    |    | Budget |         |
|                                                                                                                                        |               | Q1                      | Q2 | Q3 | Q4 | (%)    | \$      |
| Cross Cutting                                                                                                                          |               |                         |    |    |    |        |         |
| CGIAR MELIA system operational throughout the Initiative                                                                               | Cross Cutting | X                       | X  | X  | X  | 10%    | 25,578  |
| Initiative activities and results widely communicated in social media, mass media, and public events                                   | Cross Cutting | X                       | X  | X  | X  | 25%    | 63,946  |
| Adaptive management implemented in all components and operational areas                                                                | Cross Cutting | X                       | X  | X  | X  | 10%    | 25,578  |
| MELIA data analyzed and presented for adaptive management and strategic planning                                                       | Cross Cutting | X                       | X  | X  | X  | 10%    | 25,578  |
| Priorities and feedback from regular stakeholder interactions at country level captured                                                | Cross Cutting |                         | X  | X  | X  | 20%    | 51,156  |
| Reports on adoption and diffusion studies                                                                                              | Cross Cutting | X                       | X  | X  | X  | 15%    | 38,367  |
| Technical and financial reports produced as required                                                                                   | Cross Cutting | X                       | X  | X  | X  | 10%    | 25,578  |
| Subtotal                                                                                                                               |               | X                       | X  | X  | X  | 100%   | 255,782 |
| Work Package 2: Building inclusive and sustainable food markets and safeguarding supply chains                                         |               |                         |    |    |    |        |         |
| 2.1.1 Evidence and Guidelines for market repositioning, including shorter value chains, new roles and functions, and consumer outreach | OUTPUT        |                         |    |    | X  | 27%    | 117,610 |
| 2.1.2 Food market risk profile and mitigation options developed, with necessary capacity strengthening needs identified                | OUTPUT        |                         |    |    | X  | 28%    | 121,966 |
| 2.1.3 Vendor capacities for enterprise and business strengthened                                                                       | OUTPUT        |                         |    |    | X  | 45%    | 196,017 |
| 2.2.1 Joint producer-vendor communications platforms for food marketing and reduction of food losses                                   | OUTPUT        | X                       |    |    |    | 0%     | -       |

| Work Packages (WP)/Results                                                                                                                                                                            | Type    | 2024                    |    |    |    |        |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|----|----|----|--------|---------|
|                                                                                                                                                                                                       |         | Implementation Timeline |    |    |    | Budget |         |
|                                                                                                                                                                                                       |         | Q1                      | Q2 | Q3 | Q4 | (%)    | \$      |
| 2.2.2 Food storage and other waste management practices identified for reduced waste, increased income and employment and market actor storage and processing capacity strengthening needs identified | OUTPUT  | X                       |    |    |    | 0%     | -       |
| Market vendors, institutions and policy actors reposition and diversify local markets through changes in practices and policies, enhancing food safety, food access and decent work                   | OUTCOME |                         |    |    | X  | 0%     | -       |
| Urban food marketing enterprises safeguard food supplies through enhanced communication with food producers towards increased food flows and reduced food losses                                      | OUTCOME |                         |    |    | X  | 0%     | -       |
| <b>Subtotal</b>                                                                                                                                                                                       |         | X                       | X  | X  | X  | 100%   | 435,594 |
| <b>Work Package 4: Improving food environments and consumer behavior for nutrition</b>                                                                                                                |         |                         |    |    |    |        |         |
| 4.2.2 Diet and food environment resilience profiles contributing to Integrated Urban Food System Profiles                                                                                             | OUTPUT  | X                       | X  | X  | X  | 50%    | 36,367  |
| 4.2Reviews of diet and nutrition problems in urban areas of the six focal countries                                                                                                                   | OUTPUT  | X                       | X  | X  | X  | 50%    | 36,367  |
| <b>Subtotal</b>                                                                                                                                                                                       |         | X                       | X  | X  | X  | 100%   | 72,734  |
| <b>Work Package 5: Strengthening the evidence base and research &amp; innovation capacities for UPU agrifood system governance and growth</b>                                                         |         |                         |    |    |    |        |         |
| 5.1.1 Integrated Urban Agrifood System Profiles (incl. investment options) published                                                                                                                  | OUTPUT  |                         |    |    | X  | 17%    | 75,407  |
| 5.1.2 White paper 'food systems for an Urban Planet' published in 'future of food' series                                                                                                             | OUTPUT  |                         | X  |    |    | 8%     | 35,486  |
| 5.1.3 Webinar series on urban food systems held by World Bank                                                                                                                                         | OUTPUT  |                         |    |    | X  | 10%    | 44,357  |
| 5.1.4 Contributions to country-level knowledge sharing events by Government, NGOs and others                                                                                                          | OUTPUT  |                         |    |    | X  | 15%    | 66,536  |

| Work Packages (WP)/Results                                                                                                                           | Type    | 2024                    |    |    |    |        |         |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|----|----|----|--------|---------|
|                                                                                                                                                      |         | Implementation Timeline |    |    |    | Budget |         |
|                                                                                                                                                      |         | Q1                      | Q2 | Q3 | Q4 | (%)    | \$      |
| 5.1.5 Knowledge sharing events and capacity development sessions held targeting LMIC demand                                                          | OUTPUT  |                         |    |    | X  | 20%    | 88,714  |
| 5.2.1 Improved indicators, metrics and data tools for resilient urban food systems published                                                         | OUTPUT  |                         |    | X  |    | 15%    | 66,536  |
| 5.3.1 Lean Launchpad tools customized to urban agrifood startups                                                                                     | OUTPUT  |                         |    | X  |    | 15%    | 66,536  |
| Governments, researchers, training institutes, civil society groups etc.use improved data tools to analyze and monitor urban food system development | OUTCOME |                         |    |    | X  | 0%     | -       |
| Integrated Urban Food System Profiles used for priority setting by Municipalities, National Ministries, World Bank and other IFIs                    | OUTCOME |                         |    |    | X  | 0%     | -       |
| Lean Launchpads support urban agrifood startups                                                                                                      | OUTCOME | X                       |    |    |    | 0%     | -       |
| LMIC governments, private sector, civil society, and international partners better understand and engage with Urban Food Systems                     | OUTCOME |                         | X  |    |    | 0%     | -       |
| <b>Subtotal</b>                                                                                                                                      |         | X                       | X  | X  | X  | 100%   | 443,571 |
| <b>Innovation packages &amp; Scalling Readiness</b>                                                                                                  |         |                         |    |    |    |        |         |
| Scaling Strategies (2)                                                                                                                               | IPSR    |                         |    | X  | X  | 20%    | 9,589   |
| Innovation Packages (4)                                                                                                                              | IPSR    |                         | X  | X  | X  | 20%    | 9,589   |
| Other (2-3)                                                                                                                                          | IPSR    |                         |    | X  | X  | 40%    | 19,179  |
| Innovation Profiles (8)                                                                                                                              | IPSR    | X                       | X  | X  | X  | 20%    | 9,589   |
| <b>Subtotal</b>                                                                                                                                      |         | X                       | X  | X  | X  | 100%   | 47,947  |

# Resilient Cities | International Food Policy Research Institute

| Work Packages (WP)/Results                                                                                                                                                                                                              | Type    | 2024                    |    |    |    |        |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|----|----|----|--------|---------|
|                                                                                                                                                                                                                                         |         | Implementation Timeline |    |    |    | Budget |         |
|                                                                                                                                                                                                                                         |         | Q1                      | Q2 | Q3 | Q4 | (%)    | \$      |
| Cross Cutting                                                                                                                                                                                                                           |         |                         |    |    |    |        |         |
| At least 100,000 urban consumers benefit from nutrition programs that use evidence based UPU food environment and consumption toolkits, social assistance program guidance and profiles to improve diet quality and nutritional status. | EOI     | X                       | X  | X  | X  | 0%     | -       |
| Subtotal                                                                                                                                                                                                                                |         | X                       | X  | X  | X  | 0%     | null    |
| Work Package 4: Improving food environments and consumer behavior for nutrition                                                                                                                                                         |         |                         |    |    |    |        |         |
| 4.1.1 UFED toolkit that includes an inventory of food environment and dietary assessment methods with recommendations as to what combinations to use in UPU settings                                                                    | OUTPUT  | X                       | X  | X  | X  | 20%    | 102,679 |
| 4.1.2 Assessment of the validation of using FRANI to assess nutrient intake compared to 24 h recalls in adolescents in Ghana and Sri Lanka                                                                                              | OUTPUT  | X                       | X  |    |    | 10%    | 51,340  |
| 4.1.3 Summary of results from adaptation of food assessment tools for use in urban Sri Lanka                                                                                                                                            | OUTPUT  | X                       | X  | X  | X  | 5%     | 25,670  |
| 4.2.2 Diet and food environment resilience profiles contributing to Integrated Urban Food System Profiles                                                                                                                               | OUTPUT  | X                       | X  |    |    | 10%    | 51,340  |
| 4.2Reviews of diet and nutrition problems in urban areas of the six focal countries                                                                                                                                                     | OUTPUT  | X                       | X  |    |    | 5%     | 25,670  |
| 4.3.1 Guidance for leveraging SAPs to improve diets in urban settings                                                                                                                                                                   | OUTPUT  | X                       | X  | X  | X  | 30%    | 154,019 |
| Assessment of the validation of using a phone-based dietary survey compared to a weighed record in Sri Lanka                                                                                                                            | OUTPUT  | X                       | X  | X  | X  | 20%    | 102,679 |
| Countries promote guidelines for SAPs in urban environments for safe and sustainable health diets.                                                                                                                                      | OUTCOME | X                       | X  | X  | X  | 0%     | -       |

| Work Packages (WP)/Results                                                                                                    | Type    | 2024                    |    |    |    |        |         |
|-------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|----|----|----|--------|---------|
|                                                                                                                               |         | Implementation Timeline |    |    |    | Budget |         |
|                                                                                                                               |         | Q1                      | Q2 | Q3 | Q4 | (%)    | \$      |
| Stakeholders and beneficiaries participate in pilots of at least one SAP with the aim of improving diets (women and/or youth) | OUTCOME | X                       | X  | X  | X  | 0%     | -       |
| Stakeholders in at least 3 countries adopt UFED toolkits                                                                      | OUTCOME | X                       | X  | X  | X  | 0%     | -       |
| <b>Subtotal</b>                                                                                                               |         | X                       | X  | X  | X  | 100%   | 513,396 |

# Resilient Cities | International Water Management Institute

| Work Packages (WP)/Results                                                                                                                                                                                                                                                                                                    | Type   | 2024                    |          |          |          |           |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------|----------|----------|----------|-----------|-------------|
|                                                                                                                                                                                                                                                                                                                               |        | Implementation Timeline |          |          |          | Budget    |             |
|                                                                                                                                                                                                                                                                                                                               |        | Q1                      | Q2       | Q3       | Q4       | (%)       | \$          |
| Cross Cutting                                                                                                                                                                                                                                                                                                                 |        |                         |          |          |          |           |             |
| At least 5,000 small-scale producers in Urban and Peri-urban (UPU) zones can access and utilize improved technologies, skills, know-how and management tools for safer, more sustainable and more efficient vegetable, livestock and fish production.                                                                         | EOI    | X                       | X        | X        | X        | 0%        | -           |
| Municipal authorities and their public and private sector partners in at least 6 cities and towns are made aware of evidence-based approaches, tools, and business models for planning, implementing and monitoring investments in a circular bio-economy and/or strategies to mitigate environmental and human health risks. | EOI    | X                       | X        | X        | X        | 0%        | -           |
| <b>Subtotal</b>                                                                                                                                                                                                                                                                                                               |        | <b>X</b>                | <b>X</b> | <b>X</b> | <b>X</b> | <b>0%</b> | <b>null</b> |
| Work Package 3: Strengthening circular bioeconomy, food safety and the urban environment                                                                                                                                                                                                                                      |        |                         |          |          |          |           |             |
| 3.1.1 Compilation of business models for sewage sludge reuse                                                                                                                                                                                                                                                                  | OUTPUT | X                       |          |          |          | 0%        | -           |
| 3.1.2 Lessons learnt and recommendations for PPPs in municipal RRR programs                                                                                                                                                                                                                                                   | OUTPUT | X                       |          |          |          | 10%       | 51,331      |
| 3.1.3 Review of experience with biogas in the Global south                                                                                                                                                                                                                                                                    | OUTPUT | X                       | X        | X        |          | 15%       | 76,997      |
| 3.1.4 Analysis of wastewater-freshwater swaps                                                                                                                                                                                                                                                                                 | OUTPUT |                         | X        |          |          | 0%        | -           |
| 3.1.5 Water quality risk-mitigation guidelines for FAO                                                                                                                                                                                                                                                                        | OUTPUT |                         |          |          | X        | 0%        | -           |
| 3.1.6 Review of WHO guideline adoption challenges                                                                                                                                                                                                                                                                             | OUTPUT | X                       | X        |          |          | 0%        | -           |
| 3.2.1 Investment climate for RRR (incl. carbon credits) atleast in 10 countries analyzed                                                                                                                                                                                                                                      | OUTPUT | X                       | X        | X        | X        | 25%       | 128,328     |
| 3.2.2 Lessons learned from carbon finance for RRR in the Global South reviewed                                                                                                                                                                                                                                                | OUTPUT | X                       | X        | X        |          | 10%       | 51,331      |
| 3.2.3 Scenarios for moving from chemical fertilizers towards a circular bio-economy analyzed                                                                                                                                                                                                                                  | OUTPUT | X                       | X        | X        | X        | 10%       | 51,331      |

| Work Packages (WP)/Results                                                                                                                    | Type    | 2024                    |    |    |    |        |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|----|----|----|--------|---------|
|                                                                                                                                               |         | Implementation Timeline |    |    |    | Budget |         |
|                                                                                                                                               |         | Q1                      | Q2 | Q3 | Q4 | (%)    | \$      |
| 3.2.4 Food waste rescue regulations in selected countries (India, Sri Lanka, Phillipines) reviewed                                            | OUTPUT  | X                       | X  | X  | X  | 10%    | 51,331  |
| 3.2.5 Financial models for Black soldier fly utilization in RRR enterprises analysed                                                          | OUTPUT  | X                       | X  | X  |    | 10%    | 51,331  |
| 3.3.1 Evidence on successful incentive-based strategies for food safety in urban environments                                                 | OUTPUT  | X                       | X  | X  |    | 10%    | 51,331  |
| Increased capacity for Resource Recovery and Resue (RRR) business planning and operations                                                     | OUTCOME | X                       | X  | X  | X  | 0%     | -       |
| Increased knowledge of investment options in locally viable RRR models and supportive regulatory environments                                 | OUTCOME | X                       | X  | X  | X  | 0%     | -       |
| <b>Subtotal</b>                                                                                                                               |         | X                       | X  | X  | X  | 100%   | 513,313 |
| <b>Work Package 5: Strengthening the evidence base and research &amp; innovation capacities for UPU agrifood system governance and growth</b> |         |                         |    |    |    |        |         |
| 5.1.1 Integrated Urban Agrifood System Profiles (incl. investment options) published                                                          | OUTPUT  | X                       | X  | X  | X  | 20%    | 16,320  |
| 5.2.2 Training materials on circular bioeconomy options                                                                                       | OUTPUT  | X                       | X  | X  | X  | 30%    | 24,479  |
| 5.3.2 Innovation hub for design, testing, and scale of circular bioeconomy business models established for stakeholder training               | OUTPUT  | X                       | X  | X  | X  | 50%    | 40,799  |
| <b>Subtotal</b>                                                                                                                               |         | X                       | X  | X  | X  | 100%   | 81,598  |



INITIATIVE ON

Resilient Cities

