

# Ukraine Roadmap

**From Humanitarian Response to Post-conflict Resilience and Recovery**



# ICLEI European Secretariat – Introduction



**2500+** LOCAL  
AND REGIONAL  
GOVERNMENTS

**22** OFFICES  
WORLDWIDE

**ACTIVE IN**  
**100+** COUNTRIES

IMPACTING MORE THAN  
**25% OF THE**  
GLOBAL URBAN POPULATION

AND MORE THAN  
**20% OF THE**  
GLOBAL POPULATION

**5** INTERCONNECTED  
DEVELOPMENT  
PATHWAYS



## ICLEI in EUROPE - Over 170 Members, in more that 35 countries



**Projects &  
funding**

**Platforms &  
campaigns**

**Consultancy &  
trainings**

**Events &  
capacity  
building**

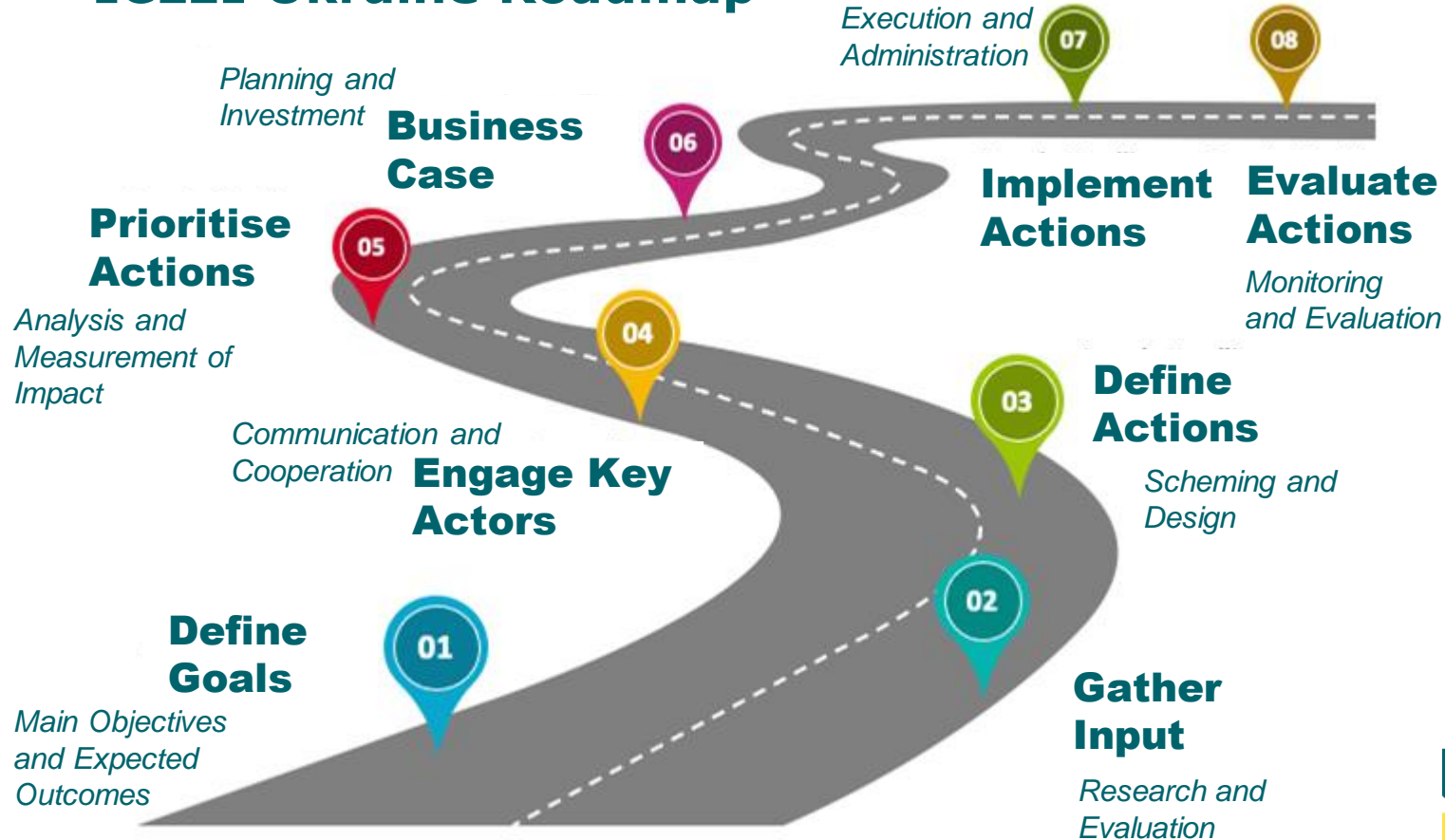
**Advocacy**

# What is ICLEI Ukraine Roadmap?

## Roadmap Development Steps



# ICLEI Ukraine Roadmap



# Step 1: Define Goals

## Main Objectives and Expected Outcomes

The European Alliance of Cities and Regions for the Reconstruction of Ukraine



# A Partnership for Resilience of Ukrainian Cities



Local Governments  
for Sustainability  
EUROPE

## Objectives

To **empower** local self-government and **multi-level decision making**, through providing cities with **demand-driven advisory** services on **Sustainable planning, Resilience assessment & adaptive risk governance**

To **operate** as a **City-to-City Knowledge Platform**, to help exchange good practices between **Ukrainian and EU cities**, share expertise and technical assistance for **Reconstruction Recovery to build back better**

To help **implement** Ukrainian cities and communities **vision and strategies**, through joint **applications for financing**, and **technical assistance** for **projects procurement**



## #UkraineAlliance

European Alliance of Cities and Regions  
for the Reconstruction of Ukraine

**STEP 1**

**Define Goals**

# Step 2: Gather Input

## Research and Evaluation

Mapping existing initiatives and defining the gap in siloed investments





## Emergency Response and Early Recovery

### Cities and towns of Donetsk oblast

**Dobropillia and Pokrovsk** - Support to the army (accommodation, supply), Refugee and IDPs Relief- Repairing and maintaining critical infrastructure, water and electricity supply, heating, maintenance of coal mines and supply. Need for qualified human capital - Need for army short-term/ folding beds - Need for Gas and Heating, water supply infrastructure using wood, pallet-based for hubs - Need to provide counselling to traumatised children - Adapt schools to continue education

### Organisation of World Heritage Cities

**Lviv** - Activities in protection of cultural heritage and DRR in World Heritage Sites. Since February, UNESCO has been conducting a preliminary assessment of the damage inflicted on cultural properties in Ukraine. The Center to Rescue Ukraine's Cultural Heritage has been launched in Lviv

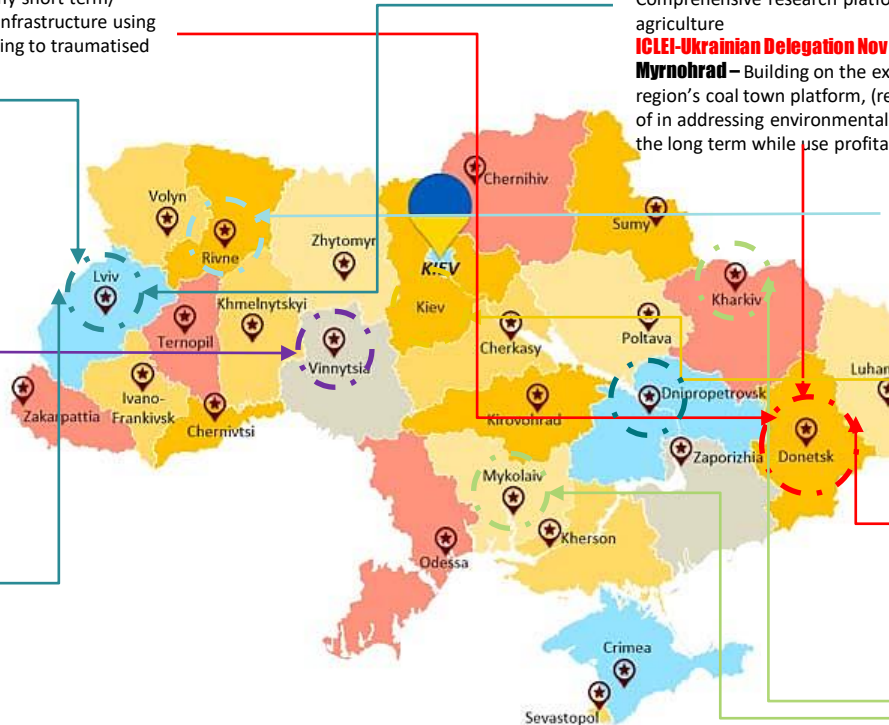
### EURESFO23

**Vinnitsia** - First Ukrainian Community to Declare a Green Deal. Designed as a Humanitarian Hub. Defined the need for monitoring displacement patterns, and enhance job security to meet the displaced and host communities demands - Creation of 700 new working places - 125 businesses relocated from other Ukrainian cities

### DENA

**Chervonohrad** - Grid operators are trying to repair the electricity and heat infrastructure destroyed. Dena, together with GIZ, is responsible for the implementation of the energy partnership with Ukraine and is particularly responsible for the areas of renewable energies and hydrogen. Through the Just transition project, Dena provided support for the pilot city of Chervonohrad (a mining city and the administrative centre of Chervonohrad Region, Lviv Oblast of western Ukraine) as a host city for internally displaced person and for the relocation of businesses

## STEP 2 Gather Input



Ukraine  
National Capital and Oblast Centers

## Sustainable Development and Resilience Planning

### Freiburg-Lviv Sister City Partnership

**Lviv** - The design of joint projects, especially with regard to environmental and climate protection, solar programs, and energy efficiency

### NGO Plato - Lviv's climate

Comprehensive research platform, educating urban farmers on sustainable organic agriculture

### ICLEI-Ukrainian Delegation Nov 2022

**Myrnohrad** - Building on the existing 2018 cooperation with EIB, GIZ through the Donetsk region's coal town platform, (re-) use of mine water for temporary supply - Shift the focus of in addressing environmental problems (Flooding of mines) - Alternative energy sources in the long term while use profitable UA coal mines in the recovery plans

### EURESFO22

**Rivne** - 3<sup>rd</sup> most energy saving city in Ukraine, developed Sustainable Energy Action Plan, applied USAID municipal Heating Reform Project and UNDP Municipal Sustainable Development Programme for 2009-12

### Institute of Creative City NGO

Research activities in the topics of circular design, sustainability, social resilience and creative leadership, digital fabrication and art.

### EURESFO22

**Irpin** - Destroyed but Unconquered (70% of the city destroyed) - Green Recovery and Tourism Plan through the "Fund for the Restoration of Irpin", and rebuilding social infrastructure facilities

### EURESFO22

**Mariupol** - Reconstruction Plan/Post recovery and long-term action to Build Back Better - Applied RDNA Post Damage and Needs Assessment to assess the technical assistance required, and enhance socio-economic recovery - Adopting Green City Action Plan (GCAP)

### UNECE - UN4Kharkiv & UN4Mykolaiv Taskforce

**Kharkiv and Mykolaiv** - revisions to the draft National Framework for Programmes for the Integrated Rehabilitation of Settlements and Territories - Establish a list of potential donors and elaborate city-based financing mechanisms for infrastructure projects reconstruction plan for the city of Kharkiv and Mykolaiv -

# Step 3: Define Actions

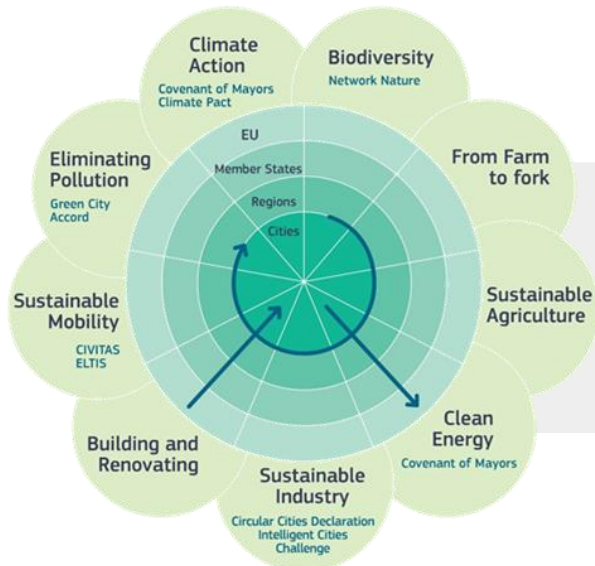
## Scheming and Design

Association of cities decentralisation with European Local Green Deals (EU-LGD)

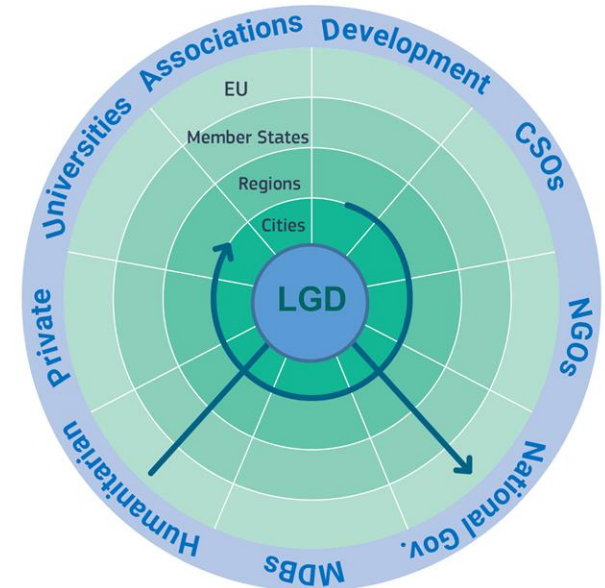


## 'Inside-out' approach

**Local Green Deal (LGD) will serve as an integrated sustainable urban development and transformation strategy for Ukrainian cities**



LGD will operate as a process employing an **'inside-out' approach** of mapping the existing initiatives and key stakeholders involved at the local level, to define the main gaps in supply-led interventions, and help Ukrainian cities prioritise and best manage investments of European and International aid, while addressing the questions: Resilience of What and Resilience to What to direct financing towards enhancing their institutional capacities, advance human, physical, social and financial capital required to guide municipal services asset allocation, and into sustainable and resilient climate adjusted long-term returns.



## **Step 4: Engage Actors**

### **Communication and Cooperation**

Knowledge Exchange, sharing values and joint principles for integrated impact



# STEP 4

## Engage Key Actors

### EURESFO2022

Ukraine Cities on the Path to Resilient and Sustainable Post-War Recovery



Jan 2023

### HORIZON Call

Associating Ukrainian cities to the Climate-neutral and smart cities Mission



Sept 2023

### EURESFO2023

How do Ukraine Cities maintain the ambition for Sustainable Development



Oct 2023

### Local Green Deals:

**A Blueprint for Action**  
Ukrainian Language – assist cities in green transition and recovery



Jan 2024



Local Governments for Sustainability  
EUROPE

### EURESFO24

Post-conflict Resilience and Recovery Forum - 'Ukraine Forum'



June 2024

Sept 2022



### MCR2030 Digital Resilience Webinar Series

The role of digitalisation in emergency response and post-war recovery

**MEMBERSHIP** European Alliance of Cities and Regions for the Reconstruction of Ukraine

**ICLEI Free MEMBERSHIP** Ukrainian Cities

MCR2030 Webinar Series  
**Digital Resilience: Opportunities and Challenges for Europe and Central Asia**  
*The role of digitalisation in emergency response and post-war recovery*

19 January 2023  
10:00 – 11:30 CET  
English

**PACT**

**EU-UKRAINE**

**10TH ANNIVERSARY EDITION**

**EUROPEAN URBAN RESILIENCE FORUM**

18-20 October 2023  
Cascais, Portugal

**LOCAL GREEN DEALS**

A Blueprint for Action

The European Commission's 100 Challenge  
An initiative by ERMEDA and ICLEI



## EUROPEAN URBAN RESILIENCE FORUM

14-15 September 2022

Athens, Greece

## Ukraine Cities on the Path to Resilient and Sustainable Post-War Recovery

15 September 2022

*“Overall, the Ukrainian participants’ expectations from attending this year’s EURESFO were fully met.*

*The event will help generate new ideas and partnerships to support the recovery of Ukrainian cities, ensuring that they offer safe, comfortable, green and inclusive environments to millions of Ukrainian citizens and guests of Ukraine” UNDP, 2022.*

<https://www.undp.org/ukraine/blog/urban-development-and-post-war-recovery-ukrainian-cities>

SUSTAINABLE CITIES

UNITE KNOWLEDGE  
FOR URBAN RESILIENCE  
IN UKRAINE

<https://www.stalimista.org/en>

ICLEI  
Local Governments  
for Sustainability  
EUROPE

## Mariupol



## Vinnitsia



## Rivne



## Irpin



**UKRAINE** - EU Candidate Country with 460 cities – Affected by the 2022 Russian invasion causing large scale of destruction, economic instability, migration and mass forced displacement

**City of Mariupol** - Reconstruction Plan/Post recovery and long term action to Build Back Better - Applied RDNA Post Damage and Needs Assessment to assess the technical assistance required, and enhance socio-economic recovery - Adopting Green City Action Plan (GCAP)

**City of Vinnitsia** – First Ukrainian Community to Declare a Green Deal. Designed as a Humanitarian Hub. Defined the need for monitoring displacement patterns, and enhance job security to meet the displaced and host communities demands – Creation of 700 new working places – 125 businesses relocated from other Ukrainian cities

**City of Rivne** - One of top ten European cities and regions in the EU Cities and Regions of Future 2012/2013, third most energy saving city in Ukraine, developed Sustainable Energy Action Plan, applied USAID municipal Heating Reform Project and UNDP Municipal Sustainable Development Programme for 2009-2012

**City of Irpin** – Destroyed but Unconquered (70% of the city destroyed) - Green Recovery and Tourism Plan



# CLOSING PLENARY

- EUROPEAN DEVELOPMENT BANK
- EU COMMISSION
- UNDRR
- ICLEI EUROPE
- COUNCIL OF EUROPE DEVELOPMENT BANK
- RESILIENT CITIES
- ARNHEM-NIJMEGEN GREEN METROPOLITAN CITY
- GLOBAL CONVENANT OF MAYORS FOR CLIMATE & ENERGY

**SHOCK**

UKRAINE POST-WAR RECOVERY

COLLABORATION

AMBITIONS AND PLANS are alive

CITIES are not only victims

LEARN THE LANGUAGE

we need **FINANCIAL MEANS**

€

Cities need to TALK WITH the FINANCIAL MARKET

EU HORIZON Programme

INSURANCE AS INVESTORS

REPAIR DAMAGE

INCLUDE SMALL AND MEDIUM SIZED CITIES

Take a Holistic and SUSTAINABLE approach

**PARTICIPATORY FINANCING**

Diversify & Optimize

Link Social Impact Resilience

Finance

We need to THINK and ACT

**GLOBAL**



LEVERAGE ON EXISTING CAPACITY

Don't ADD MORE WORK to Cities

we need a **RESILIENCE PARTNERSHIP**

We have limited means BUT we are TOO BIG TO FAIL

**RISK FINANCING**

LEARN TO WORK WITH the UNKNOWN

**SYNERGY**

we need to work in

Go BEYOND BILATERAL RELATIONSHIPS

From Community OF PRACTICE

to COMMUNITY OF RESPONSIBILITY



ADAPTING is not a SLOGAN, it is a **NECESSITY**

We are AGENCIES in this PROCESS



# How do Ukraine cities maintain the ambition for sustainable development?



# Step 5: Prioritise Actions

## Analysis and Measurement of Impact

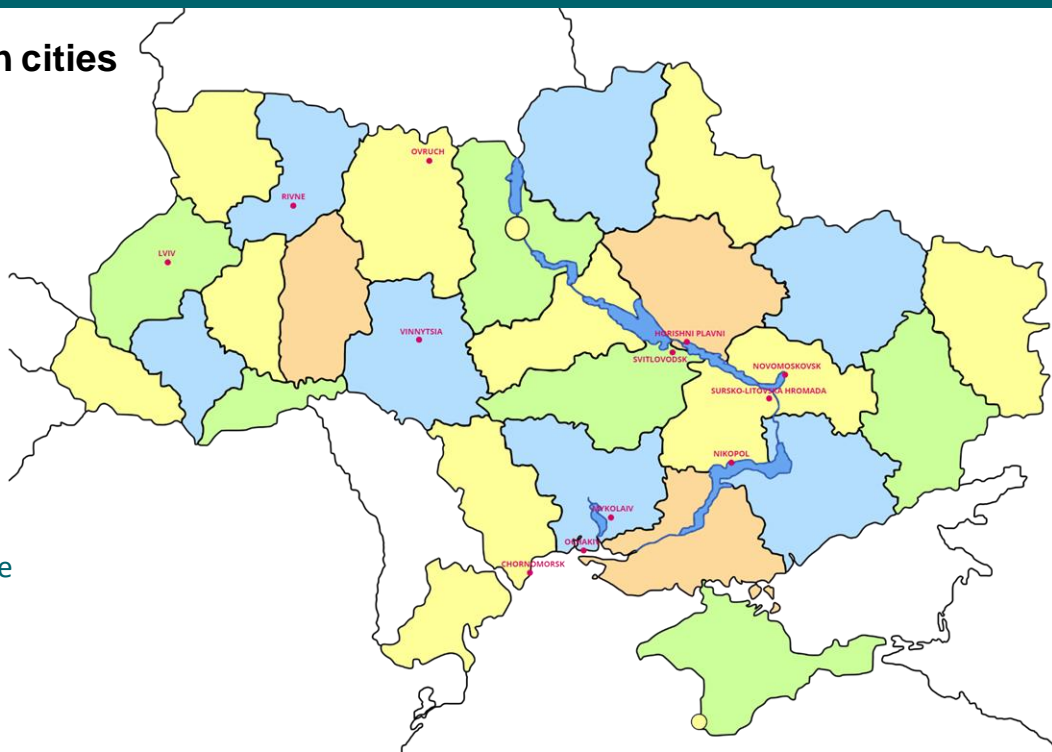
Interactive dialogue with cities to define needs, priorities and key investments



# Ukraine Cities Profiling – Planning for EURESFO24

## 19 Ukrainian cities

- Kremenchuk
- Mykolaiv
- Novomoskovsk
- Ochakiv
- Ostroh
- Boyarka
- Horishni Plavni
- Korosten
- Ovruch
- Svitlovodsk
- Chornomorsk
- Sursko-Lytovske
- Konotop
- Brovary
- Nikopol
- Shostka
- Kryvyi Rih
- Vinnytsia
- Lviv



### Workshop 1 (March 2024)

Define Key Challenges – Urgent Needs and Long-Term Recovery Plans

### Workshop 2 (April 2024)

Projects Mapping and Implementation - Key Investments and Stakeholders Engagement

### Workshop 3 (May 2024)

Explore Key Solutions - Learning lessons from best practices

**STEP 5**

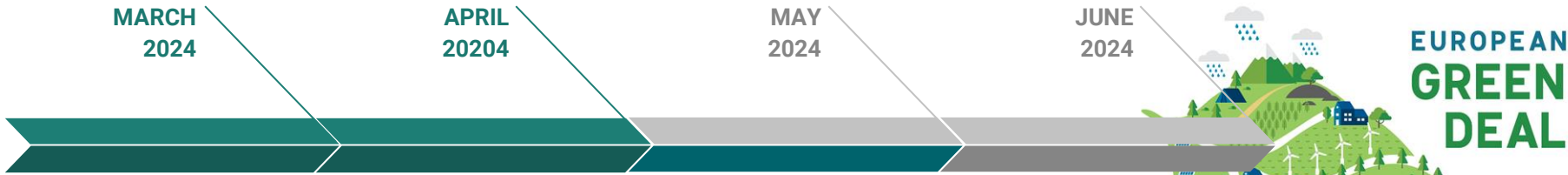
**Prioritise Actions**

WHAT HAVE WE ACHIEVED TO DATE?

# Ukraine Roadmap - Cities Mapping (Challenges and Opportunities)



## 3 ONLINE WORKSHOPS



### WORKSHOP 1

Defining Key Challenges, Urgent Needs and Long Term priorities

Mapped 23 Cities impact of the war, urgent needs, ambitions, to help understand the current context/diversity and priorities for post-war recovery and planned projects for investments

### WORKSHOP 2

Implementation and Collaboration Process - Key Stakeholders Engagement

Analysed 19 Cities existing projects/key actors/scope of work/funding sources to help cities understand the impact of current investments at the city strategic, and fill the implementation gap

### WORKSHOP 3

Exploring key solutions - Learning lessons from best practices

Matching the cities defined needs and priorities to key solutions and lessons learned from key actors to focus on achievable objectives to shift from humanitarian response to long term recovery

### EURESF024

Exploring Financial Solutions and Investment opportunities

Present cities LGDs cases to wider audience from EU cities, private sector and construction banks to match the ambition of their long-term sustainability strategy with funding and learning opportunities



**STEP 5**  
**Prioritise Actions**

# Step 6: Business Case

## Planning and Investment

Facilitate financing and investment opportunities for demand-driven LGDs



### WS1

#### Sustainable Reconstruction

Ukrainian cities to present their ICLEI Ukraine Roadmap - Workshop results and approach towards developing LGDs to identify financing solutions for to Infrastructure Development and Sustainable Reconstruction



### WS2

#### Energy Efficiency

Ukrainian cities to present their ICLEI Ukraine Roadmap - Workshop results and approach towards developing LGDs to identify financing solutions to diversifying and improving the efficiency of its energy generation sources



### WS3

#### Socio-Economic Development

Ukrainian cities to present their ICLEI Ukraine Roadmap - Workshop results and approach towards developing LGDs to identify financing solutions for complementary peacebuilding and economic diversification



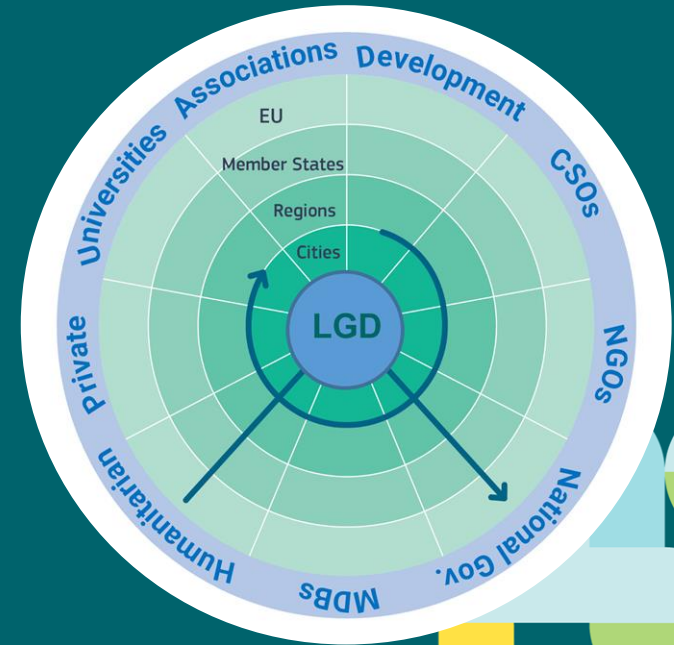
## The Roadmap from Humanitarian Response to Post-conflict Resilience and Recovery - Ukraine

**STEP 6**  
Business Case

1. To apply a deep-dive exercise of mapping the **existing key initiatives and stakeholders engaged at city level projects** implementation under three key sectors of Energy Efficiency, Infrastructure (Transportation, Water, Sanitation and Waste Management and NBS) - Socio-Economic (Education, Health Care, Social-Protection, Public Administration) that need to be prioritised for Financial Investments, adopting the **'inside-out' mechanism** that will help generate dialogue between actors at the local level, and help guide supply-driven national level siloed investments, as well as sectoral ad-hoc humanitarian led actions towards strategically and demand-driven climate neutral and locally driven approach.

2. To set a **practice (model)** to be upscaled for Ukrainian cities to better understand, prepare for and manage climate risks and opportunities, through sustainable territorial development mapping and application of coordinated demand driven needs assessments with donor organisations, to accommodate the rapidly changing context, and adapt to Ukraine's geopolitical uncertainty.

3. To engage **key donors and potential investors** and help increase access to **funding and financing opportunities** for long-term sustainable recovery and comprehensive demand driven needs for upscaling of innovative Climate Neutral and Smart Cities solutions.



**EURESFO24** (Day 2 - 27.06.2024 - València, Spain)

**Ukrainian Participating Cities**

**STEP 6**  
**Business Case**



**EUROPEAN  
URBAN RESILIENCE  
FORUM**

**26 - 28 June 2024**

**Valencia, Spain**



# ROADMAP

FROM HUMANITARIAN RESPONSE  
TO POST-CONFLICT RESILIENCE &  
RECOVERY

FOCUS ON  
UKRAINE



LOCAL SENTIMENT:  
THERE IS MONEY AVAILABLE BUT  
IT'S NOT COMING  
IN THE RIGHT WAY

WHAT IS NEEDED?  
WHAT IS OFFERED?  
WHAT CAN BE DONE?

CAPACITY BUILDING

DESTRUCTION  
DISPLACEMENT  
MOURNING

SYSTEMIC  
LEARNING  
AS PART OF  
THE PROCESS

RECOVERY

KNOWLEDGE SHARING

IDENTIFYING  
MAIN  
CHALLENGES

SOCIAL  
PARTICIPATION



SINERGY  
CLUSTERING  
ACTORS  
THINKING  
TOGETHER



INVESTING IN NEW  
GREEN INFRASTRUCTURES

BUILDING  
BUDGETS

PROMOTING  
CLIMATE FROM A  
BUSINESS  
PERSPECTIVE &  
GATHERING  
PRIVATE FUNDS TO  
INVEST IN UKRAINE

IMPLEMENT  
PROJECTS



BUILDING  
RESILIENCE  
IN  
UKRAINE  
AT A  
LOCAL  
LEVEL

SHORT-MEDIUM-LONG TERM  
STRATEGIES  
INVESTMENT MIXED WITH  
LONG FINANCING  
RESILIENCE

WITH  
HOUSING  
TRANSPORT  
ENERGY

A FULLY  
ELECTRIFIED  
FUTURE  
AGAIN



EUROPEAN  
URBAN RESILIENCE  
FORUM  
26-28 JUNE 2024 - VALENCIA  
Spain

# ICLEI Members – Ukrainian Cities (July 2024)



Connect with like-minded  
leaders and cities

Incubate innovation

Showcase sustainability  
success

Accelerate action

Rivne Region

Boyarka

Kalush

Brovary

Mykolaiv

Shostka

Horishni Plavni

Korosten

Kremenchuk

Ovruch

Sursko-Litovskoe

Boyarka

Ostroh



# Step 7: Implement Actions

## Execution and Administration

Provide technical support for projects development and implementations



# BEYOND EURESFO24 – ICLEI KEY PROJECTS/INITIATIVES

INFRASTRUCTURE RECOVERY		ICLEI Existing Projects - Areas of contribution to support Ukrainian Cities	Implement Actions
2A. COMPETITIVE WORKING INFRASTRUCTURE	Smart mobility	<b>NetZeroCities</b>	To help cities overcome the structural, institutional and cultural barriers they face as they work to achieve climate neutrality by 2030. Fostering the Acceleration of Sustainable Transport through Capacity and Knowledge Designing user centric E-kick scooters & business models for Enhancing inter modality
	Nature based Solutions	<b>FastTrack</b> <b>NICE</b> <b>Green City Accord</b>	Innovative and Enhanced Nature-based Solutions for Sustainable Urban Water Cycle The Green City Accord is a movement of European mayors committed to safeguarding natural environment linking to cities local green deals as instruments to deploy resilience building strategies (ex: Tourism in Vinnytsia and Rivne) - Implementation of ESG methodologies to find common ground, enabling private and green financing for recovery
2B. COMFORTABLE LIVING INFRASTRUCTURE	Building and Housing	<b>EXCESS</b> <b>nZEB Ready</b> <b>EU Bauhaus</b> <b>CityLoops</b>	Positive energy buildings - Reconstruction Enhancing Market Readiness for nZEB Implementation Support to urgency management and reconstruction, creating jobs, upskilling the workforce and adapting the industrial ecosystem in Ukraine
	Smart Energy	<b>Transition in Western Balkans and Ukraine</b> <b>Act!onHeat</b>	Develop a series of innovative procedures, approaches and open access and open source tools to embed circularity within planning and decision making processes for Construction and demolition waste (CDW) Participation in the activities of the Initiative for coal regions in transition in the Western Balkans and Ukraine (WBUA initiative) Develop a workflow for strategic H&C planning based on existing open source tools, and Accelerate the use of strategic heating and cooling planning in cities and regions throughout Europe
2C. COMPLEX INFRASTRUCTURE FOR DEVELOPMENT	Urban Waste	<b>ZeroW</b> <b>Be.CULTOUR</b> <b>Circular Economy</b> <b>CIRCULAR</b> <b>Biocarbon</b>	Systemic Innovations Towards a Zero Food Waste Supply Chain Beyond CULTural TOURism: human-centred innovations for sustainable and circular cultural tourism First-of-a-kind flagship biorefinery designed to valorise the Organic Fraction of Municipal Solid Waste (OFMSW) and Sewage Sludge (SS) into high added-value products.
	Urban Water	<b>SYMSITES</b>	Developing new technologies and solutions based on the Industrial and Urban symbiosis (I-US) concept, for local and regional collaborations among diverse actors (Citizens, Municipalities and Entreprises) and sectors, to improve the sustainability of the use of wastewater and waste materials.

# Climate Neutral and Resilient Recovery Pathway

Implement Actions

ICLEI Action Fund

TCFD

EUCF

EBRD Corporate Climate Governance Facility



REGILIENCE

CLIMATEFIT

P2R

Naturance

NetZeroCities

DEFINITE-CCRI

**EUROPEAN  
GREEN  
DEAL**



Developing resilience and climate adaptation solutions for anticipating the adverse effects of climate change and taking appropriate action to prevent or minimise the damage and vulnerability of climate change risks

Integrate climate protection policies and mitigation measures into various sectors, such as urban planning, transport, generation of renewable energy, and building and construction to prevent or reduce GHG emissions

# Step 8: Evaluate Actions

## Monitoring and Evaluation

Bridge the gap from humanitarian response to long-term resilient recovery



# The Ukraine Facility – EU 2024

A new EU instrument to provide predictable financial support to help Ukraine in its recovery, reconstruction and modernisation

## Pillar 1: financial support for Ukraine



EU support for the Ukraine plan (prepared by the Ukrainian government with the European Commission) through **grants and loans**.

## Pillar 2: Ukraine investment framework



Attraction and mobilisation of **public and private investments** in Ukraine's recovery and reconstruction (in the form of budgetary guarantees, financial instruments or blending operations).

## Pillar 3: assistance programmes to Ukraine



**Technical assistance** for the Ukrainian government (on EU laws and structural reforms) and support for civil society.

Sectoral Breakdown: Total recovery and reconstruction needs in US dollar (411 billion) estimated at **€384 billion**



# The Ukraine plan

STEP 7

Evaluate Actions

To receive funding, the government of Ukraine will need to prepare a 'Ukraine plan', that sets out the reform and investment agenda for Ukraine. The plan will include its vision for recovery, reconstruction and modernisation and the reforms it intends to undertake on the country's path towards EU accession.

## The plan will focus on:

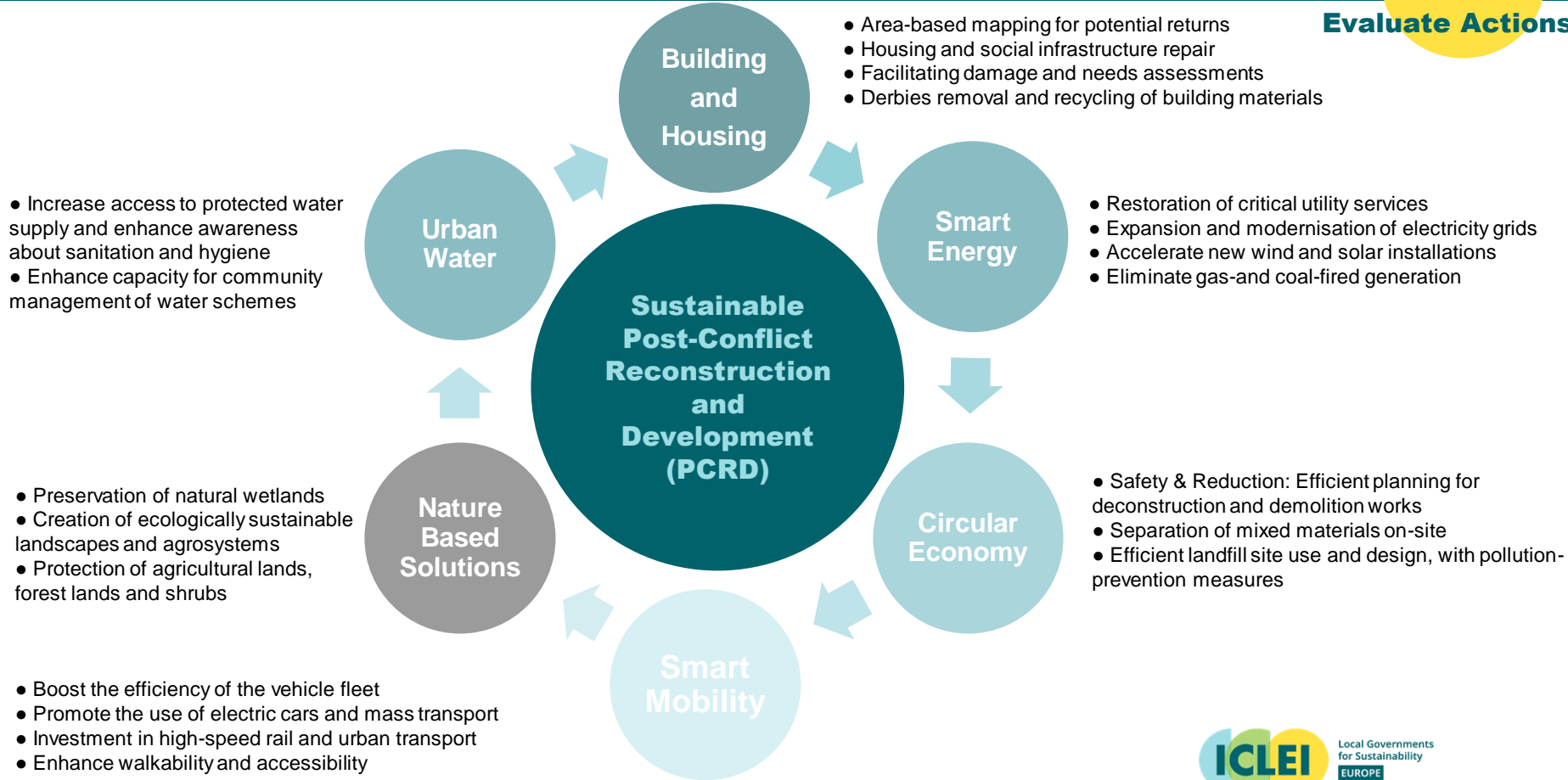
- **structural reforms and investments to stimulate economic growth**
- **public administration reforms, good governance and the rule of law**
- **sound financial management, especially when it comes to anti-corruption and anti-fraud**
- **other reforms and investments for the EU accession process and the**

of the economy





# From Humanitarian Response to Post-Conflict Reconstruction and Development



# Thank you! Дякую

## For further questions:

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