

# Preparatory phase for the project “Improving the energy efficiency of the global building supply chain industry and its products to deliver high performance buildings”

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# About the Project



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## **Donor & budget:**

The International Climate Initiative (IKI). 21,646 USD

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## **Implementing partner:**

UNECE

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## **Geographical area of implementation:**

All Ukraine

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## **Timeline:**

April-November 2023



Review the baseline situation.



Map key national stakeholders and frame project scope



Prepare a complete project document



Validate detailed national implementation plans

# Activities

# Done so far

1

Project document (Project Initiation Plan) is developed & signed.

2

Project is registered in Quantum.

3

2 local experts are hired.

4

Conducted initial discussions on baseline review.

5

Main stakeholders are identified.

## Baseline conditions in Ukraine

High pre-war rate of construction (primarily residential) with a potential for its recovery after the victory.

Adoption of regulations regarding the energy efficiency of buildings, particularly, regarding thermal insulation of buildings.

Gradual transition of enterprises producing construction products to more efficient technologies, because of the energy cost increase and the gradual re-equipment of enterprises.

## Baseline conditions in Ukraine

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Approaches to the safe disposal and reuse of construction materials are not widespread and need to be implemented.

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There is a very large potential for modernization of already existing buildings, which in view of the consumption of building materials can significantly outweigh new construction.

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A very significant share of CO<sub>2</sub> emissions happens during the "life cycle" period related to maintenance.

The regulatory documentation in the field of construction is gathered.



The "usual construction practices" are being analysed.



The comparison of the existing construction regulation with the best European practices is initiated.

Baseline review progress

# Stakeholders identified

- State Agency on Energy Efficiency and Energy Saving of Ukraine.
- Ministry of Infrastructure of Ukraine (norms in the construction sector).
- Ministry of Environmental Protection and Natural Resources of Ukraine (regulations in the waste management sector).
- Associations of builders and manufacturers of construction materials



*State Agency on Energy Efficiency  
and Energy Saving of Ukraine*



**MINISTRY  
OF INFRASTRUCTURE OF UKRAINE**



**Ministry  
of Environmental Protection  
and Natural Resources  
of Ukraine**







Thank you for your  
attention!