### Impact discovery

Enhancing National Capacities to Develop and Implement Energy Efficiency Standards for Buildings in the UNECE Region



# 75 YEARS OF ECONOMIC INTEGRATION AND COOPERATION IN THE REGION

### **Enhancing National Capacities to Develop and Implement Energy Efficiency Standards for Buildings in the UNECE Region**



I 11 March 2022 I Yerevan, Armenia

### Impact study

Objective



 Impact study on how to better implement best practices and guidelines developed by UNECE activities to address the issue of energy efficiency in buildings

### Impact study

Method

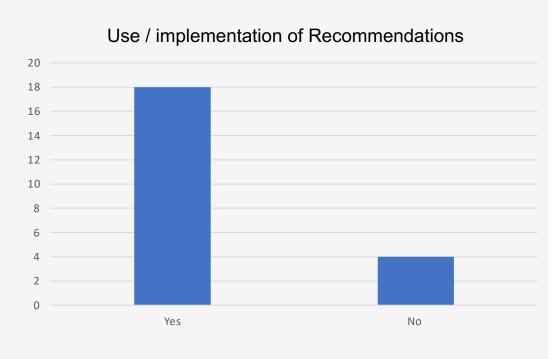




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- More than 80% answered that, following the project, their country used or implemented the recommendations and best practices from the regional and national studies
- Less than 20% believe that this is not the case



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- The average likelihood of future implementation of recommendations and best practices
- → respondents seem moderately confident about future implementation
- The average likelihood that the implemented recommendations and best practices will sustain in the future → respondents are confident that the implemented recommendations or best practices will be sustain in the future





#### Overall project design

Category	Average Score
Specific country needs	4.0
Appropriateness of project design and implementation	3.9
Appropriateness of project activities	3.8

<sup>\*1=</sup> very low, 2=low, 3=neutral, 4=high, 5=very high



#### Overall project relevance

Category	Average Score
Overall project relevance	3.9
Relevance of project to the priorities and needs of each country	4.0
Relevance for the implementation of recommendations and best practices	4.15
Relevance of training materials	3.9
Relevance for providing guidance	3.95

<sup>\*1=</sup> very low, 2=low, 3=neutral, 4=high, 5=very high

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### Specific project activities relevance

Category	Average Score
Regional study with gap analysis	3.76
Network of experts	3.78
National studies	3.83
Workshop on Regional and National Studies on the Gap Analysis (20.09.2021)	3.85
Workshop to validate the gap analysis (09.04.2021)	3.85
National training seminar in Yerevan, Armenia: 25-26 October 2021	3.6
National training seminar in Kyrgyzstan, 29-30 November 2021	3.1
National training seminar in the Republic of Moldova: 20-21 January 2022	3.8

<sup>\*1=</sup> very low, 2=low, 3=neutral, 4=high, 5=very high



#### Which activities did you find particularly good?

Promoting the need for energy efficiency in buildings.

Sharing of good applied practices and knowledge.

Regional study with gap analysis

Workshops, it gave the possibility to exchange the experience between countries.

Development of a system of energy consumption standards



Measurement

Data collection, ISO measures



Laws & policies



**Energy Audits** 





Implementation
Energy management information system



Norms & Standards

Updating normative documents, revising standards



#### **Suggestions for future projects**

#### Information and awareness



More information to citizens, raising awareness about the topic of EE

#### More examples



Examples of project implementation, Public-private partnership, Practical examples of measures & calculations, sharing of experiences, and best practices.

#### Regional focus



Develop specific activities applicable to specific regions, comparison between countries in a region

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#### Country specifics

Focus on a national level, study the energy characteristics of each country more detailed

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#### Measurement

Possibility to measure according to EN ISO standards, Work on climate data for monthly and hourly calculations.



#### Result analysis

Analyzing the results of the project, presenting them in a separate summary presentation

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### Impact study Interviews

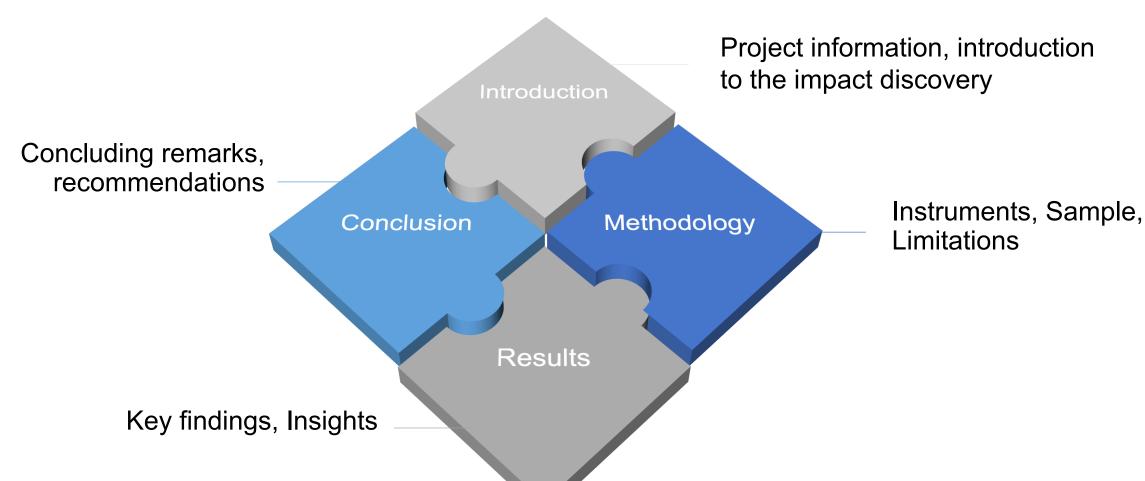


- 9-11 March, 2022 in Yerevan, Armenia and online
- To assess the impact of the project
- Analyze accomplishments, limitations and lessons learned on how memer states can better use and implement the recommendations and best practices developed by the project

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# Impact study Final report







### Thank you!

Amend, Lisa Sustainable Energy

#### **UNECE**

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