

# Energy Efficient Buildings & NEB Matchmaking and Study Visit

11-13 MARCH 2026  
BRUSSELS

HORIZON  
europe

**NCBR**  
National Contact Point  
for EU Research Programmes

  
**Industry  
Contact  
Point**  
Low-emission  
Technologies  
and Clean Energy

**NCBR**  
National Centre for Research  
and Development

HORIZON  
europe

MY ORGANISATION:



MAIN AREAS OF ACTIVITY & EXPERIENCE:

**INNOVATIVE ARCHITECTURAL/URBAN SUSTAINABLE DESIGN**  
**LIGHTHOUSE PROJECTS WITH EU GRANTS**  
**BRIDGE BETWEEN THE MANUFACTURING/TECH SECTOR AND CITIES**  
**RESEARCH + VOCATIONAL TRAINING + CONFERENCES**



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PAST EXPERIENCE IN EU-FUNDED PROGRAMS:

Honorary Patronage:



Patronat polskiej prezydencji w Radzie UE  
Patronage of the Polish presidency of the Council of the EU  
Patronage de la présidence polonaise du Conseil de l'UE



Prezydent  
miasta stołecznego  
Warszawy



Ambasciata d'Italia  
Varsavia

*International Conference*  
**WARSAW 21.02.2025**  
Centrum Rozwoju Przemysłów Kreatywnych

**Off-site construction**  
to simplify the energy transition in social housing

Funded by  
the European Union

Organised by:



LURE  
Laboratory for Urban  
Research & Education



hit  
Arc  
Fondazione / Torino

Supporting Partner:



Ministerstwo Kultury  
i Dziedzictwa Narodowego



Centrum  
Rozwoju  
Przemysłów  
Kreatywnych



Branżowy  
Punkt  
Kontaktowy  
Technologie  
Niskoemisyjne  
i Czysta Energia

Fundusse Europejskie (Inteligentny Rozwój) | Rzeczpospolita Polska | Unia Europejska (Europejski Fundusz Rozwoju Regionalnego) | PWM - PLATFORMA WIZUALIZACJI MIEJSKICH PLANÓW ZAGOSPODAROWANIA PRZESTRZENNEGO ORAZ PLANÓW URBANISTYCZNYCH I ARCHITECTONICZNYCH WRAZ Z ANALITYKA INWESTYCYJNA Z WYKORZYSTANIEM ROZSZERZONEJ RZECZYWISTOŚCI ORAZ 3D



**TECH „GAMEINN” EU GRANT FOR THE GAMING SECTOR:**  
**PLATFORM TO VISUALISE THE OUTCOME OF CITY PLANS -**  
**AI MOBILE TOOL**

ERASMUS + KA2 COOPERATION PARTNERSHIPS WITH FONDAZIONE PER L'ARCHITETTURA / TORINO:  
**RESEARCH AND VOCATIONAL TRAINING WITH CONFERENCES IN WARSAW & TURIN ON PREFABRICATION FOR CITIES**

MY ORGANISATION

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NAME AND SUBJECT OF THE PROJECT IDEA:

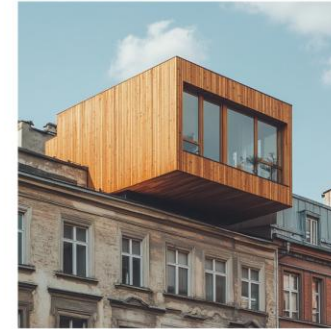
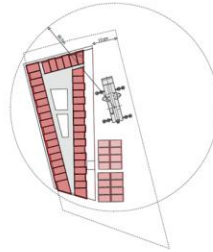
HORIZON-CL5-2026-09-D4-02:  
**LOW DISTURBANCE PREFABRICATION APPROACHES  
FOR DEEP RENOVATION OF MULTI-STOREY BUILDINGS**

**TIMBER REPLACING TIMBER - PREFAB TECHNOLOGIES THAT INCREASE HOUSING VOLUME**  
RETROFIT OF HISTORIC HOUSINGS IN WARSAW, POLAND - FACADES RESTORATION AND ROOF UPGRADES

MAIN OBJECTIVES AND INNOVATIVE ASPECTS:

**PROMOTION OF PREFAB AS SOLUTION FOR HOUSING CRISIS:**

- PREDICTABLE BUILDING SOLUTION WITH LESS HUMAN OR CLIMATE CONNECTED ERRORS
- FAST AND COST SAVING / GUARANTEEING COSTS
- ENERGY EFFICIENT / GUARANTEEING ENERGY COSTS
- MORE MUTE CONSTRUCTION GOOD FOR HABITANTS AND NEIGHBORS



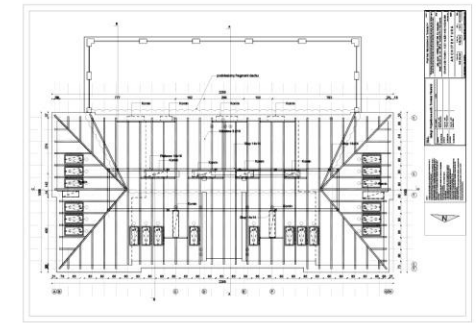
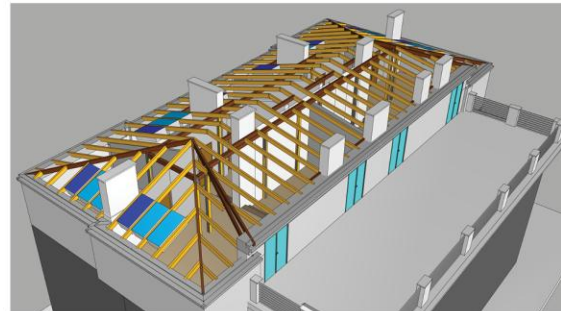
EXPECTED RESULTS AND IMPACTS:



**INFILL & ROOFTOP INCREASE  
OVERALL CITY HOUSING RESERVE**

THE CITY'S HIDDEN HOUSING RESERVE LIES IN ROOFTOP EXTENSIONS AND REUSE OF TOP LEVELS ON A SCALE OF ENTIRE DISTRICTS. COMBINED WITH OZE / SOLAR ENERGY IT CAN BE A MODEL SUSTAINABLE STRATEGY

DEMO BUILDING IDENTIFIED:



**SITE FOR PILOT/LIGHTHOUSE PROJECT TO CONVERT FROM STANDARD TO OFF-SITE CONSTRUCTION**  
HISTORIC HOUSING FROM 1938 WITH BUILDING PERMIT FOR RETROFIT - RENOVATION AND UPGRADE

PROJECT IDEA

**PARTNERS INVOLVED &  
AREAS OF EXPERTISE WE BRING TO THE PROJECT:**

# LURE

**Laboratory for Urban  
Research & Education**



SUPPORTER



PARTNER

**INSIGHT & ACCESS TO LOCAL  
PREFAB SYSTEMS MANUFACTURERS**



**WWW.PSNB.ORG**

EXPRESSION OF INTEREST

HORIZON-CL5-2026-09-D4-02:

**LOW DISTURBANCE PREFABRICATION APPROACHES  
FOR DEEP RENOVATION OF MULTI-STOREY BUILDINGS**

**OTHER LOCATIONS SET  
FOR NEXT PILOT PROJECTS**



**CONTRIBUTION PROPOSED :**

**PILOT SITE WITH DIRECT ACCESS TO OWNER  
OR INVESTOR: HOUSING COMMUNITY /  
„WSPÓLNOTA”**

**ARCHITECTURAL & TECHNICAL DESIGN OF  
PIONEERING PROJECT**

**LOCAL AND EUROPEAN PROMOTION OF  
Lighthouse PROJECT LOCATION AS A CITY  
FOR INNOVATIVE AND PRGRMATIC SOLUTIONS  
FOR THE BENEFIT OF CITIZENS**

**PARTNERS SOUGHT:**

**LOCAL GOVERNMENTS  
INTEREST AND  
COLLABORATION  
CONFIRMATION TO ATTRACT  
COMMERCIAL PARTNERS/  
SPONSORS**

**COMMERCIAL PARTNERS  
FROM THE MATERIAL (CLT  
TIMBER/ STEEL) OR PREFAB  
PRODUCERS SECTOR**