



IZODOM

Passive and energy saving technology for affordable & sustainable housing

The problem

- High energy costs and carbon emissions in traditional building methods.
- Rising costs of construction process
- New legal sustainability requirements for new build – Taxonomy, EPBD, CSRD

Need: Net 0 emissions from buildings, energy-efficient buildings (preferably) powered by renewable energy sources, **at affordable costs of construction ca 650-850EUR/m²**

Our Solution

Izodom Technology: **Insulated Concrete Formwork (ICF)** system –
LEGO like building system

Benefits:

- Superior, **double thermal** insulation leading to reduced energy consumption,
- Ability to build up to **7storeys**
- Rapid construction with reduced labour costs = **one storey in 2 days**
- **7 percent** larger usable area comparing to traditional methods = **7% more area to sell/rent**
- Ability to meet **EU Green Financing**

Target Market

- Real estate developers aiming for **speed** and cost **affordability**
- Residential developers aiming for passive house/**NET ZERO** standards.
- Developers building for long term rental - **REIT**
- Commercial real estate projects seeking sustainability certifications and **taxonomy** aligned financing
- **Hotels** and other buildings where **energy savings** are important

Unique Value Proposition

- **7% more** usable area for sales, than traditionally
- Proven track record with over **20,000 homes built since 1990 in 60 countries.**
- Adaptability for all types of buildings and all designs
- Energy Class A+++ = International Passive House Institute certificate
- Compatibility with renewable energy systems
- Compliance with stringent EU energy regulations **new EPBD, CE, German ETAss 07/117, UK BBA cert, Irish NSAI cert, French DTA,**

Business Model

Revenue Streams:

- Direct sales of ICF systems to builders and developers.
- Licensing agreements with construction firms.
- We license local manufacturing in foreign countries

Technology Highlights

- High energy efficiency due to double thermal insulation (U-value 0.10W/m² exceeding the EU standards).
- 15cm-20cm concrete load bearing wall enables construction up to 25meters
- Fire resistance rated for multi-storey buildings **REI 120**
- No thermal bridges, as per Passive House Institute Certification
- Net zero operational emissions over lifespan
- Suitable for seismic zones and areas of mining operations

Sustainability Impact

Environmental Benefits:

- 70-90% energy savings compared to conventional new builds.
- Reduces **whole life carbon** emissions of buildings.
- Easy **LCA** and WPD calculations due to **EPD** and high recyclability after demolition, as per Taxonomy requirements
- UN Caring for Climate 2012
- UN Global Compact 2015
- Ministry of Climate Greenevo 2015



Go-To-Market Strategy

Partner with green developers and contractors in all EU countries.

Call to Action

We are looking for:

- Real estate investors planning to build operational net 0 buildings, or passive house standard buildings
- Financial investors willing to finance true net 0 construction



**23 kWh/m²
energy
consumption
per year ^[1]**

**85%
savings on
hot water and
heating bills**







Affordable houses France



Affordable houses Germany



Lithuania 2015

Energy cost 0,35EUR/m²/month

Energy Label A+

Construction time 5,5 months

