

# IZODOM 2000 POLSKA

HOW TO BUILD 1000 HOUSES PER YEAR?



***izodom 2000 polska***



## Jakub Wójcik

Vice-President  
Izodom 2000 Polska

## Dear Sirs,

The following offer has been prepared by Izodom 2000 Polska – an expert in ICF manufacturing, as well as construction services. Our Company, operating since 1990, has experience in designing and manufacturing of ICF. Izodom has also experience in construction of factories for Russia, Middle East, Europe, Africa.

The scope of the offer is an ICF production installation. The factory has very large production capacity of high quality building elements so called ICF – insulating concrete formwork, which will facilitate construction process. The ICF are of patented Izodom type, including some new products designated for thought climate conditions and un-skilled laborers. Offered full set of molds will allow construction of multistory houses, hospitals, schools, villas, as well as affordable social houses. Dismountable elements MFCU will allow cheap transportation to over-seas destinations.

The solution offered is based on your requests and contains some suggestions, according to the experience of Izodom in providing support, for large development projects. We are fully flexible to discuss the offer with you, or your Experts, and if needed - adapt it to your needs.

We are pleased to offer you supply of ICF elements from our factory in Poland. We can start the delivery within a week, that will allow immediate beginning of trainings and marketing activities.

We are happy to explain and discuss the offer any time!



Izodom 2000 Polska has been established in 1990 by Mr. Andrzej Jerzy Wójcik - the Senior.



The company started as a manufacturer of six building blocks. Currently it is Europe's largest manufacturer of ICF elements – in terms of number of original block designed and offered. In its factories in Poland, Estonia, Romania and Morocco Izodom processes only the best available raw materials. The factory has dynamic R&D department and quality laboratory. Izodom possesses number of patents and restricted utility designs for its ICF elements. Izodom manufactures not only wall ICF elements, but as well as floor elements, foundation walls and slabs elements. Moreover few types of specially designed roof, wall and other insulating elements are manufactured, including EPS package, EPS shower basins, etc. Izodom has vast experience in design and production of shape moulded hard foam products.

## What do we provide?

Our offer is not just machines. We provide a comprehensive transfer of technology and knowledge. Due to our offer, you can take advantage of almost 30 years of Izodom's experience. The technology is confirmed by many European certificates.

Construction teams require some trainings to learn about all advantages and do&dont's characteristic of the technology – to keep it fast and professional. Izodom is providing trainings all over the World.



Five times faster construction time with the same number of employees. This allows you to increase the company's profits five times.



The Company, accompanied by a group of European Technical Universities, has issued over nine unique booklets addressed to engineers, which simplify the design process houses.



The company is ISO certified and its ICF products poses prestigious European Technical Approval, issued by German Institute of Construction Engineering, Berlin, together with Polish, and German national certificates.



# BENEFITS

**5 times faster  
construction  
time**

**20 times less  
energy  
consumption**

**Annual energy  
saving:  
30 mln kWh =  
300,000l of oil  
1,900 barrels of oil**

**Resistant to  
earthquakes  
and  
hurricanes**

# Examples of buildings in our technology



Lithuania



United Arab Emirates



Luxembourg



Germany



Costa Rica



Sweden



United Kingdom



Poland

Our houses are perfect also for extremely hot and extremely cold climat:

It allows to save a lot of energy needed to heating or air-conditioning of a house.



# Example of houses during the construction process



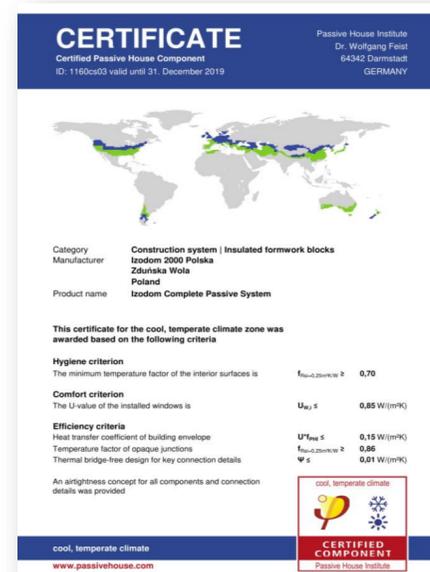
# Examples of our certificats



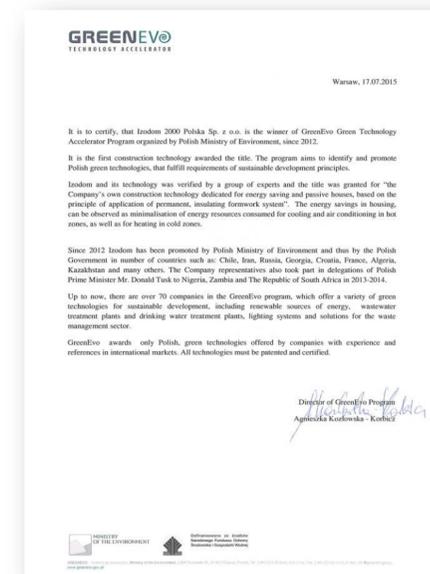
**European Technical Assessment**  
ETA-07/0117  
Deutsches Institut für Bautechnik



**ISO 9001:2015**



**Certified Passive House Component**  
PASSIVE HOUSE INSTITUTE  
Darmstadt

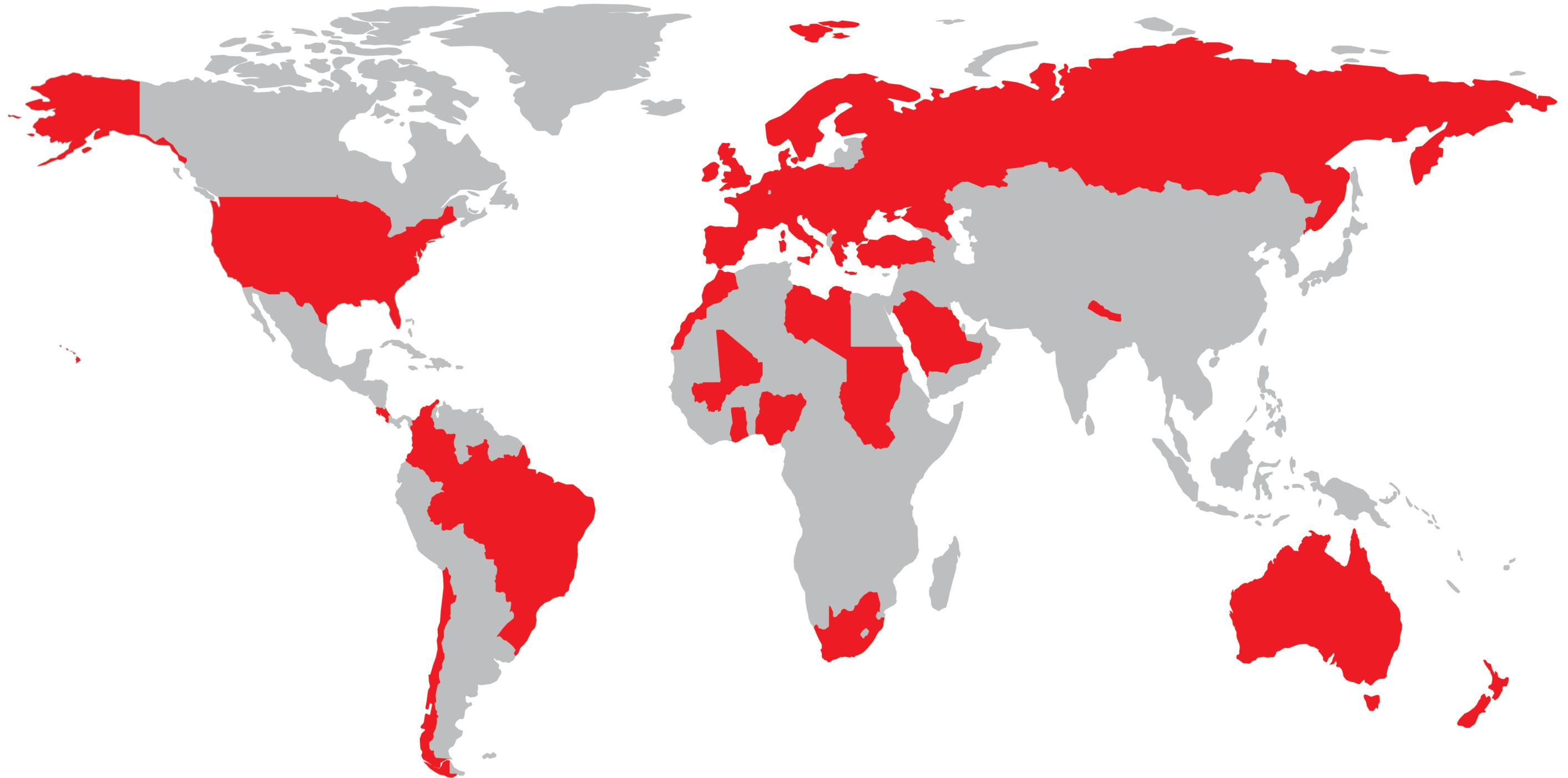


**GREENEVO**  
Recommendation by  
Ministry of the Environment



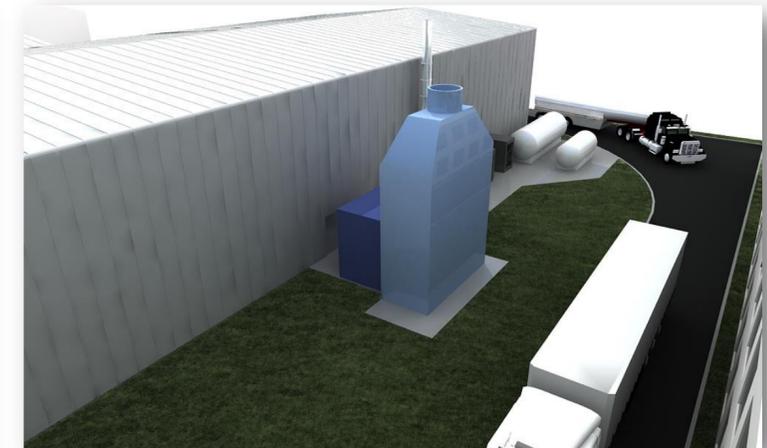
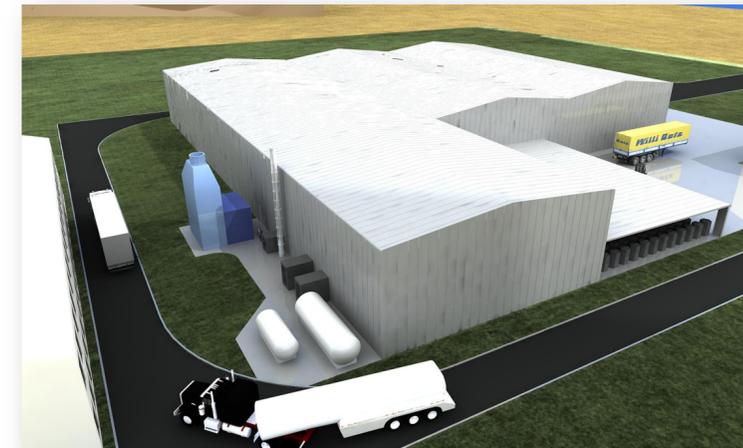
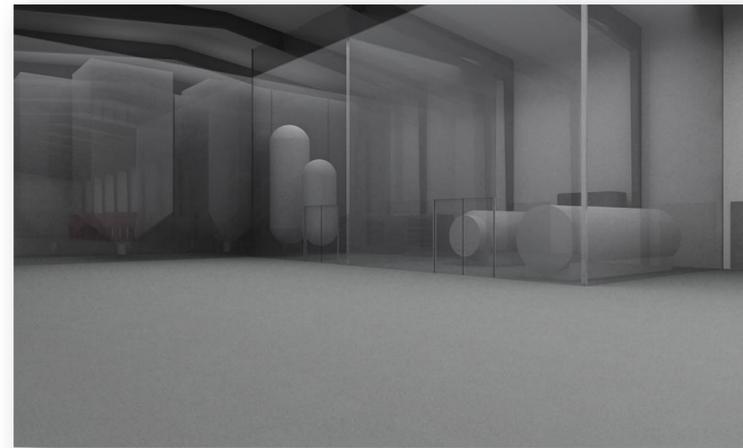
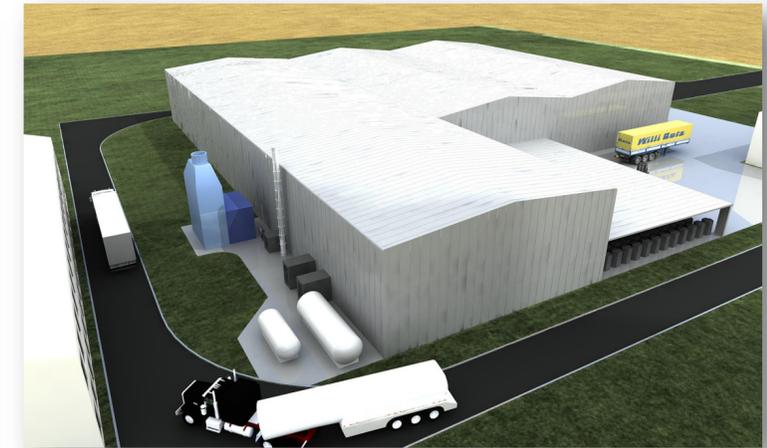
**Caring for Climate**  
United Nations

# Where are we?





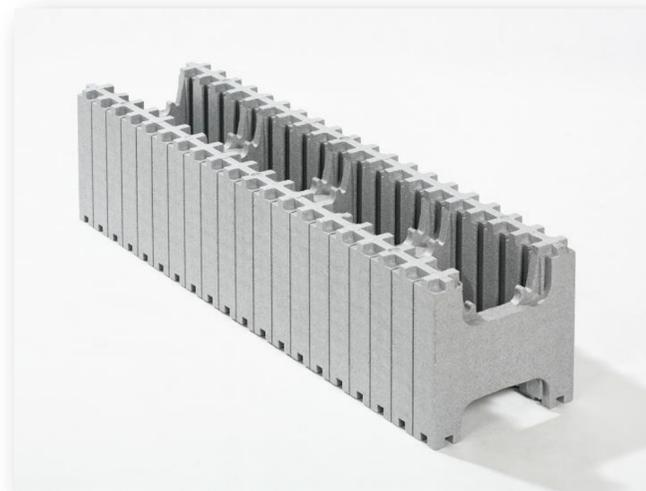
The company has opened factories in countries such as Poland, Estonia, Morocco and Romania.



## Scope of delivery

- ✓ 3 large and 1 small second-hand machines
- ✓ Steam generator
- ✓ Molds
- ✓ Pre expander
- ✓ Raw material transportation
- ✓ Air dryer
- ✓ 6x siloes
- ✓ Water pump station with cooling system
- ✓ Anti-explosion air ventilation system
- ✓ Water treatment unit
- ✓ Diesel burner
- ✓ Pressurized water supply system
- ✓ Steam pressure valve
- ✓ 3x Screw compressors
- ✓ Full set of piping
- ✓ Chimney
- ✓ 2x light oil tanks for burner (1500l each)
- ✓ Quality control laboratory equipment
- ✓ Izodom license for brand (10 years)
- ✓ Guarantee for 12 months
- ✓ Set up
- ✓ Start up
- ✓ Trainings

# Elements to be manufactured



**MC 1,2/25**  
(1,2m x 0,25m x 0,25m)



**ML**  
(1m x 0,25m x 0,25m)



**MH**  
(1m x 0,25m x 0,05m)



**MP**  
(1m x 0,25m x 0,25m)



**OH**  
(0,16m x 0,05m x 0,10m)



**OB**  
(0,16m x 0,05m x 0,08m)



**OC**  
(0,15m x 0,05m x 0,25m)

# Price



The factory price includes not only machine prices. Our offer is technology transfer and assembly of the factory by the best specialists.

Equipment

480 000€

Design of installations (power, water, steam, raw material, condensate)

80 000€

Piping (power, water, stem, raw material, condensate)

120 000€

Set up (3 months x 8 installers x 4000€)

96 000€

## Delivery

Delivery within 120 days, from date of order and down payment, machinery will be delivered. 90 days for building installation up locally and start up. Delivery terms EXW.

## Exclusions

The Client is obliged to obtain all required licenses, allowances for the construction works, factory industrial operation, etc.

### The offer do not include:

- ✓ Plot
- ✓ Factory building and renovation
- ✓ Certifications, approvals
- ✓ Ventilation inside the factory building
- ✓ An access road to the site, fencing
- ✓ Connection to public utility grids- power, water supply and sewage, nor electricity generator
- ✓ Heavy machinery rental for time of offload and construction work



# **PRODUCTION CAPACITY OF THE FACTORY**

# Production Capacity

maximum cycle time	4,5	min
number of cycles per 1h for 1 machine	13,33	cycles/h
number of large machines	3	machines
number of cycles per 1h ALL machines	40	cycles/h
number of m2 produced in 1 cycle for all machines	2,7	m2
number of m2 produced in 1h for all machines	36	m2/h
number of m2 produced in a day for all machines	864	m2/day
number of working hours per day	24	h/day
number of working days per month	30	days/month
number of months	12	months/year
annual production capacity	311 040,00	m2/year
total performane of all machines is reduced by 7% due to time needed to perform mandatory periodic inspections and changes of moulds	289 267,20	m2/year
annual production capacity- houses	103 309,71	m2 of habitat area per year

The average cost of production of 1m <sup>2</sup> of elements	<b>7</b>	EUR/m <sup>2</sup>
The cost with the assumed margin of 70%	<b>11,9</b>	EUR/m <sup>2</sup>
Profit for 1m <sup>2</sup>	<b>4,9</b>	EUR/m <sup>2</sup>
Average profit for 100m <sup>2</sup> house	<b>1372</b>	EUR
Average annual profit	<b>1 372 000</b>	EUR

The average cost of 1m <sup>2</sup> of usable area	<b>180</b>	EUR/m <sup>2</sup>
The average cost of 100m <sup>2</sup> house	<b>18000</b>	EUR

For detailed calculation please fill in the form on <http://1000houses.eu/calculator>



**WHAT DO YOU NEED TO  
RUN YOUR BUSINESS?**

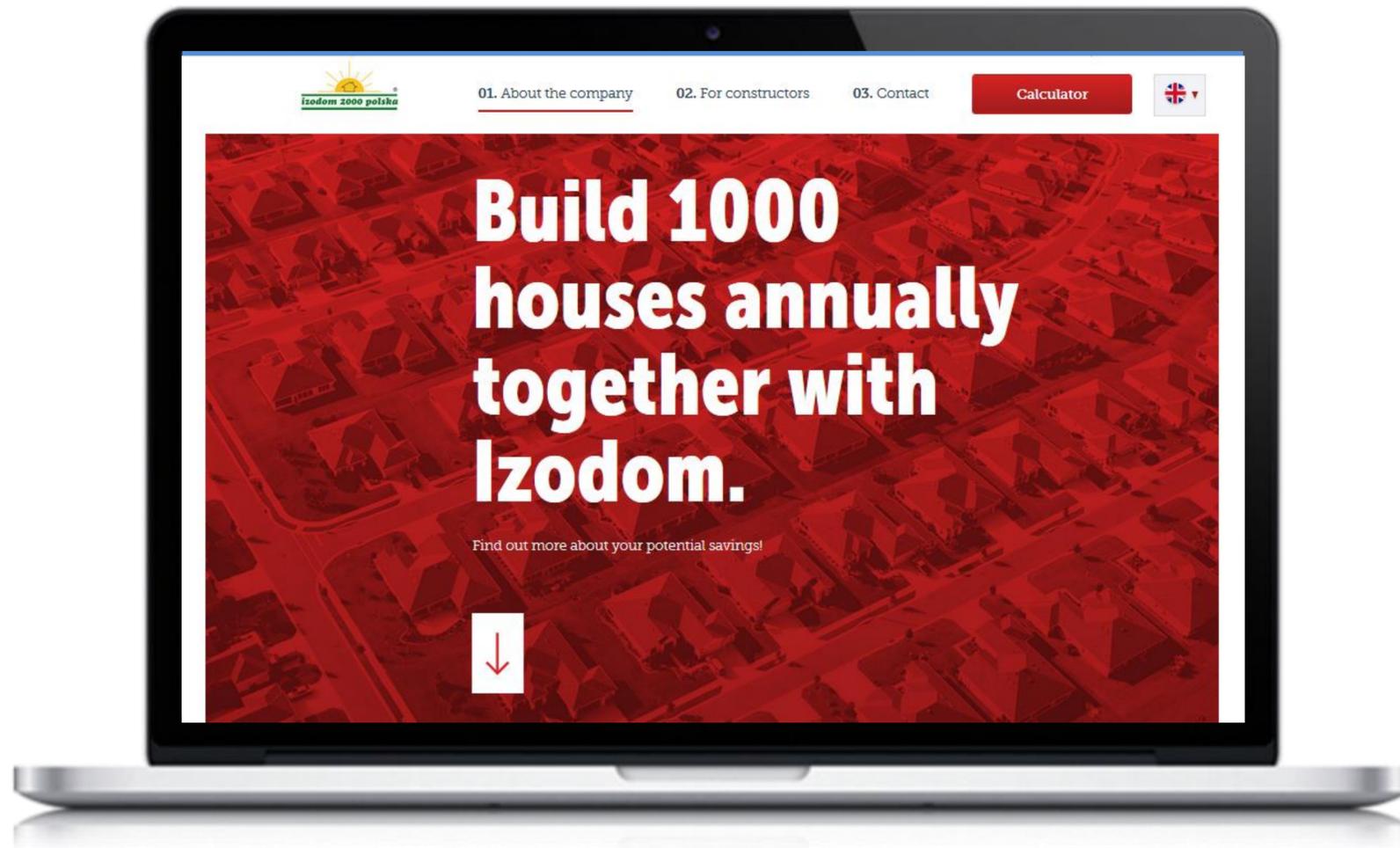
# What do you need to run your business?

Your company should have adequate financial resources to invest in the purchase of the factory

In a country where energy efficiency building is required

There must be a demand for a large number of houses on the market

To get more information:



[izodom2000polska.com](https://izodom2000polska.com)



[1000houses.eu/calculator](https://1000houses.eu/calculator)



[facebook.com/izodompl](https://facebook.com/izodompl)



[IZODOM Energy Saving Houses](#)

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