

TEHNOMARKET

The Green Side of Aluminium

Minimizing a Building's Carbon Footprint



The Eco-Friendly Aluminium Windows, Doors and Curtain Walls

OUR PRODUCTS - MINIMIZING CARBON FOOTPRINT AND ENERGY EFFICIENT

Tehnomarket aluminium and composite windows, doors and facades are ECO FRIENDLY products that focus on minimizing a building's CARBON FOOTPRINT and MAXIMIZING ENERGY EFFICIENCY. This is why every product manufactured at Tehnomarket increases SUSTAINABILITY of a building structure and preserves the environment.

The reduced carbon footprint of Tehnomarket's products is achieved through a 3 TIER CONTRIBUTION:

- Maximum utilization of ECO FRIENDLY materials in all our products.
- ENERGY EFFICIENCY during product's entire manufacturing process.
- THERMAL EFFICIENCY and decrease in building's power consumption through usage of our windows, doors and facades.

Aluminium profiles :

100%
recyclable

Thermal efficiency :

up to
40%
less energy
used

Natural wood :

up to
100%
recyclable
& reusable

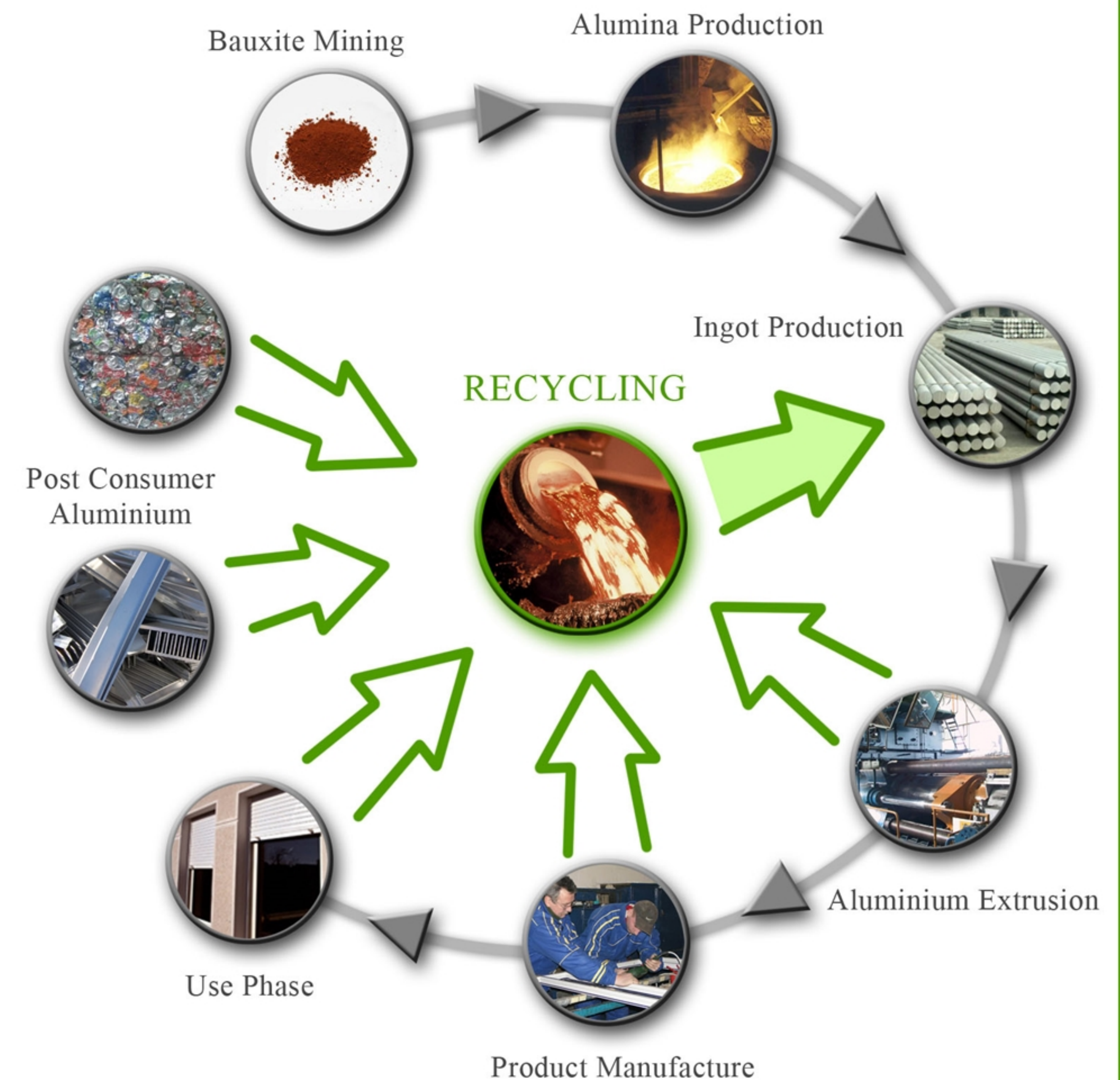
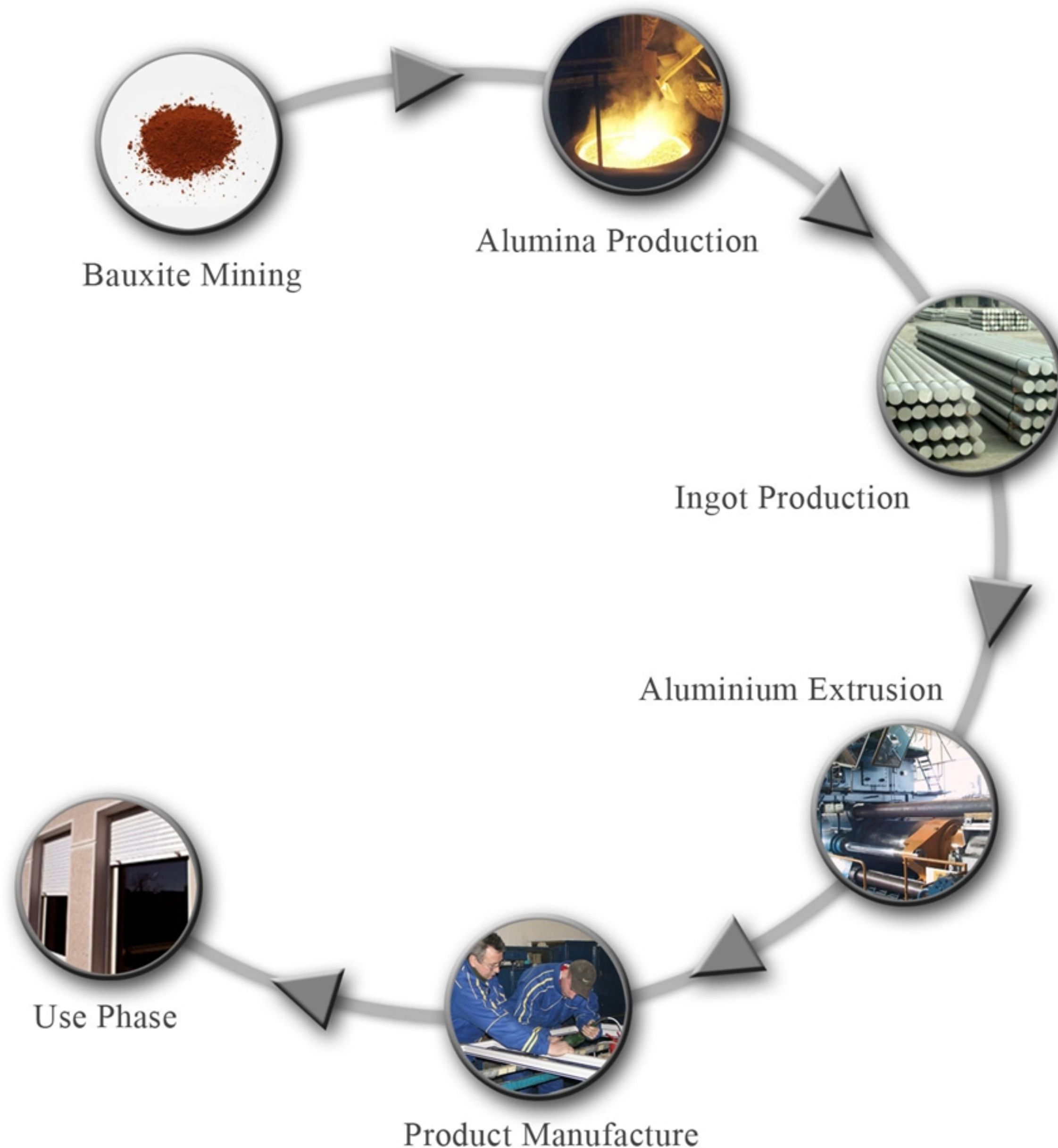


HOW ARE TEHNOMARKET PRODUCTS CARBON FRIENDLY?

STANDARD ALUMINIUM WINDOW PRODUCT LIFECYCLE

<VS>

TEHNOMARKET ALUMINIUM WINDOW THE GREEN PRODUCT LIFECYCLE

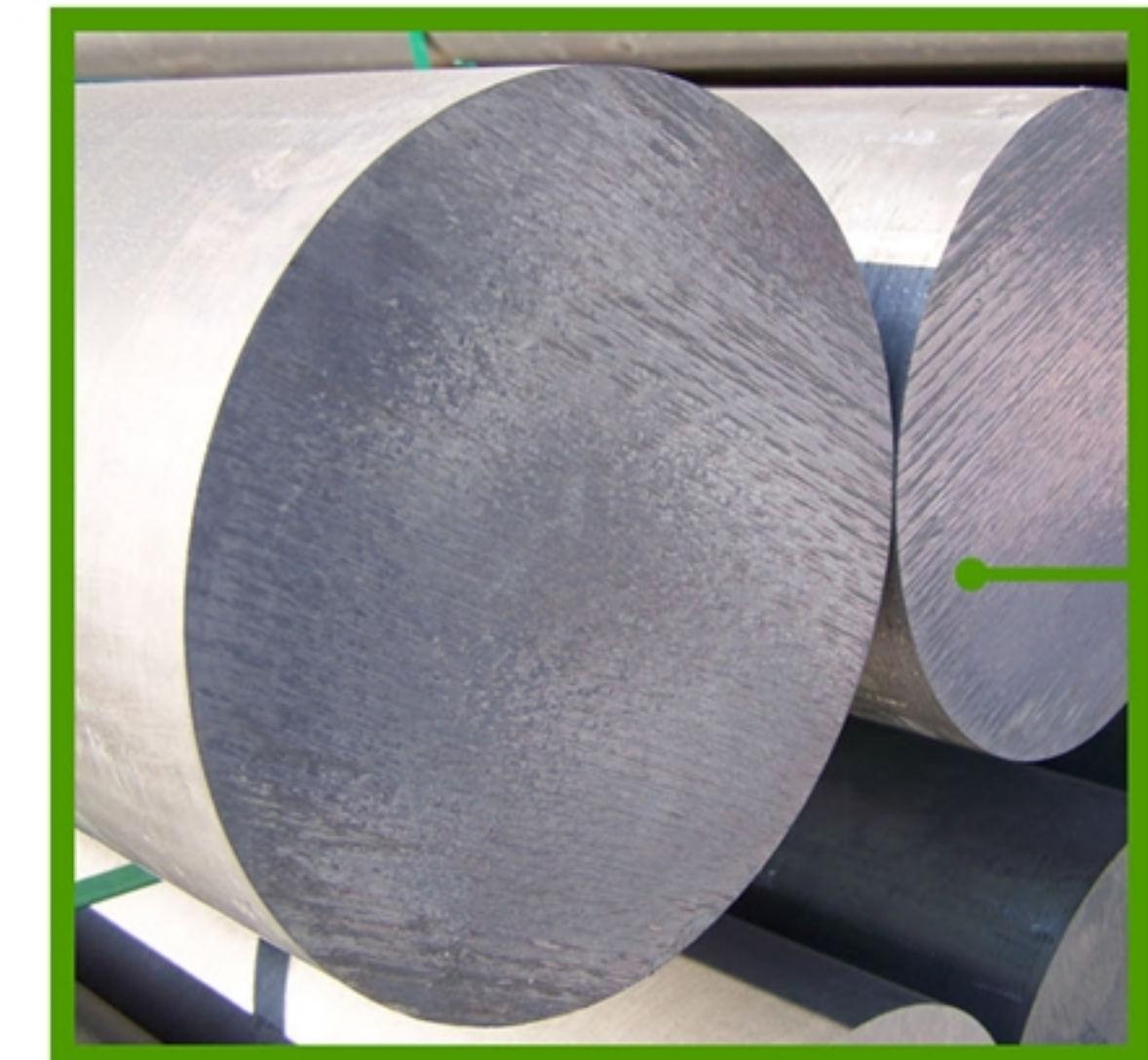


PCR-POST CONSUMER RECYCLING ALUMINIUM

Once our products have finished their Use Cycle, all Aluminium used in them is recycled to be re-used in various industries.

Surplus Aluminium, inevitable during manufacturing process, is carefully collected, assorted and forwarded to third parties for complete recycling.

All this, with the advanced and ECO FRIENDLY manufacturing process makes our products truly GREEN, regardless of their color.



MAXIMIZING THERMAL PERFORMANCE AND ENERGY EFFICIENCY

One of our main goals is to deliver products of highest quality, with refined design and implementation of latest technical solutions.

Outstanding thermal performance offers long term benefits to our clients and environment - for example, replacing all your ordinary windows with our high performance, argon filled, double-glazed windows **SAVES** 2.4 tons of CO2 per year for homes with gas heat, 3.9 tons of oil heat, and 9.8 tons for electric heat. *

It is possible to **REDUCE** a building's energy consumption up to **40%** with installation of our doors, windows and facades.*

TEHNOMARKET - THE GREEN SIDE OF ALUMINIUM

*ACTUAL NUMBERS MAY VARY DUE TO A BUILDINGS ORIENTATION, WALL INSULATION, ETC...



TEHNOMARKET ALUMINIUM-CARBON FOOTPRINT REDUCTIONS

GREEN MANUFACTURING PROCESS



TEHNOMARKET aluminium profiles are extruded using automatized energy efficient production lines consuming **40% less energy** for production when compared to standard industry production lines.

Our products feature class leading **THERMAL PERFORMANCE** which significantly lowers the **ENERGY CONSUMPTION** of your building and further **REDUCES CARBON FOOTPRINT**, at the same time increasing the building's **SUSTAINABILITY**.

We use energy from manufacturing process for on-site heating, and thermal pumps to further **REDUCE ENERGY CONSUMPTION**.

ENERGY EFFICIENT - GREEN INTERNAL LOGISTICS & MANIPULATION



Our extrusion factory is located at the close proximity to our headquarters, further reducing energy consumption during shipping, handling and manipulation of our products.

TEHNOMARKET ALUMINIUM-CARBON FOOTPRINT REDUCTIONS



TEHNOMARKET - MAXIMIZING ENERGY SAVINGS AND SUSTAINABILITY

Aluminum profiles extruded at **TEHNOMARKET** are **100% RECYCABLE POST USAGE** and can be reintroduced into product supply chain and therefore increase sustainability

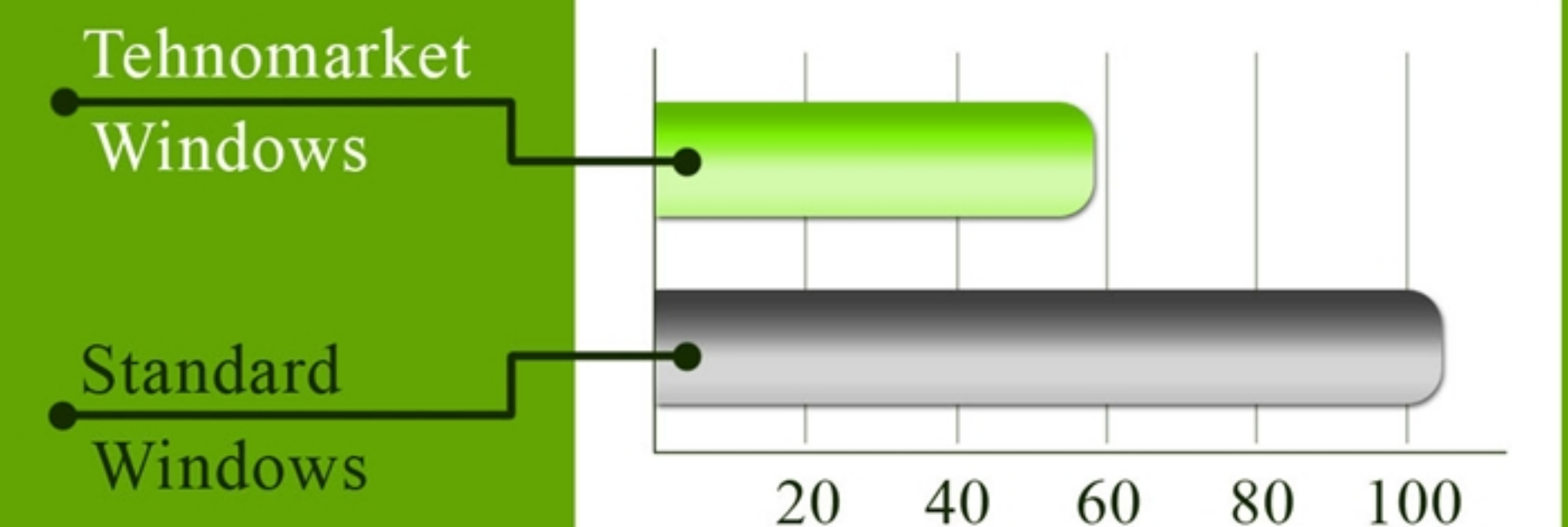
POST USAGE
100% RECYCABLE



MANUFACTURING &
INFRASTRUCTURE
GREEN

PRODUCT USAGE
REDUCED ENERGY CONSUMPTION

USAGE CYCLE ENERGY CONSUMPTION



ALUMINIUM - THE ECO FRIENDLY MATERIAL

RECYCLING

100%
recyclable

Recycle
Content

73%

of all aluminum
ever produced is still in use today.

ENERGY USAGE - RAW MATERIAL

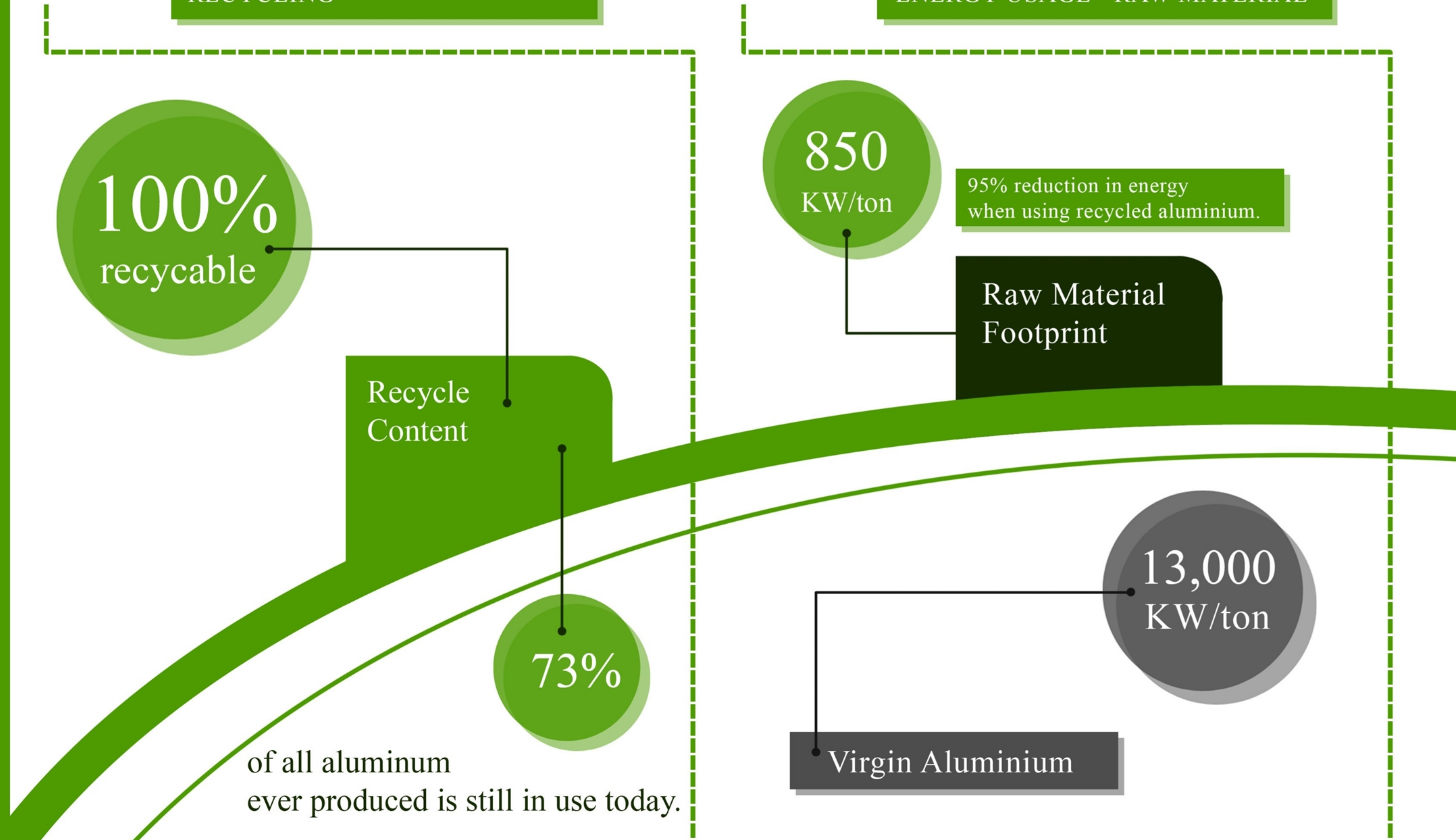
850
KW/ton

95% reduction in energy
when using recycled aluminium.

Raw Material
Footprint

13,000
KW/ton

Virgin Aluminium



TEHNOMARKET ALUMINIUM - MAXIMIZING ENERGY EFFICIENCY

ENERGY USAGE - PRODUCTION

Eco Friendly
Manufacturing Process.

Energy
Consumption

Up to
40%

less energy for production when compared to
standard industry production lines.

PRODUCT USAGE

Thermal
Savings

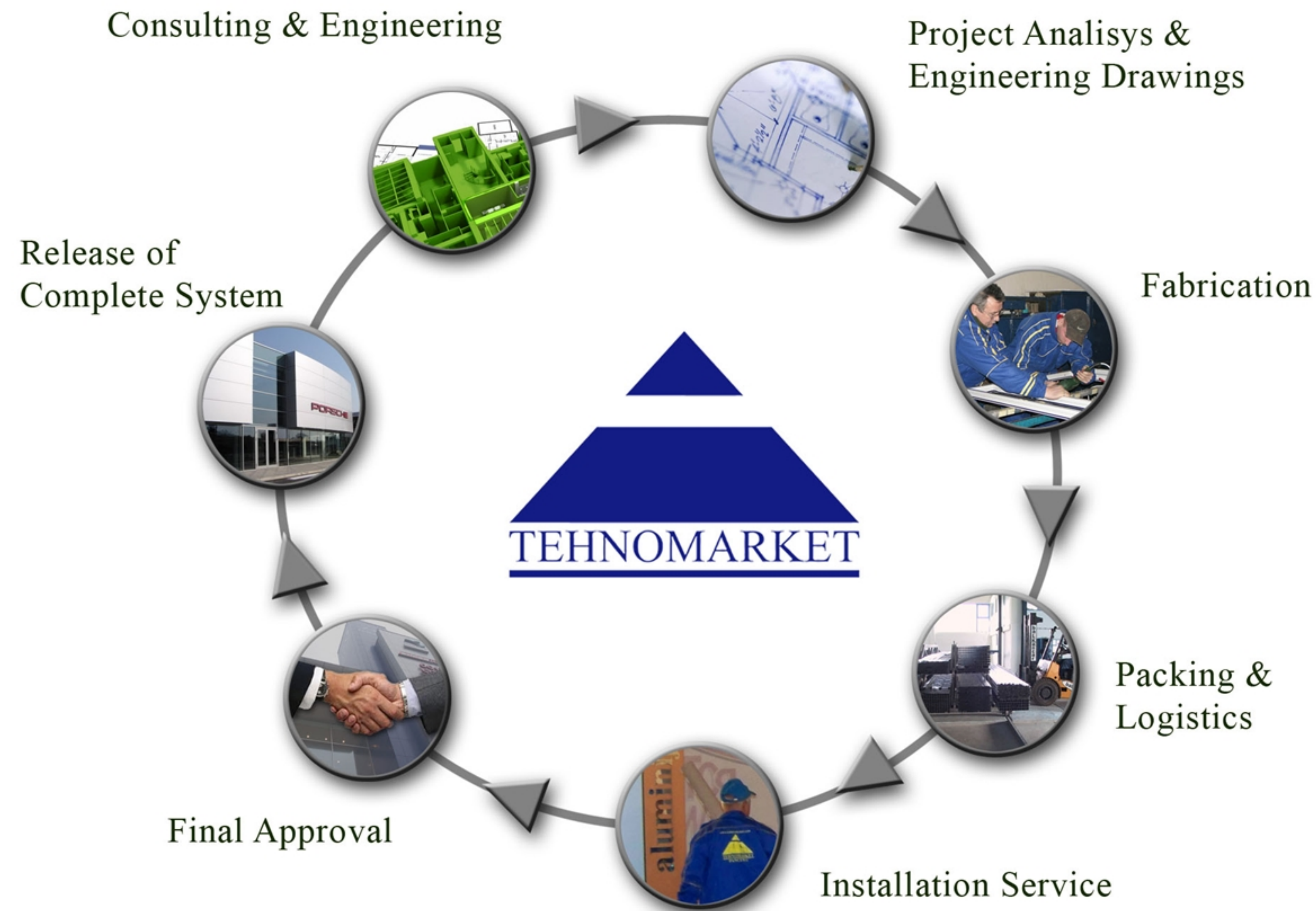
Up to
40%

less energy used
in comparison to standard windows.



TEHNOMARKET

VALUE ADD SOLUTIONS



Tehnomarket Integrated Solution Concept is designed to offer a complete Turnkey package for our clients. Our proprietary aluminium profile systems are used in more than 8.000 projects realized through collaboration with architectural community, contractors, investors and design studios. They are often used on most demanding and landmark projects.

Our experienced engineers will help you with all questions and offer optimal solutions, while our technical know-how and experience guarantees that every project is executed with excellence and in all according to clients demands. With in-house manufacturing and one of the most experienced installation teams in the industry, we are capable to meet all customer requests to the point and provide our clients with fast and reliable integrated solution from planning phase to the finished object.

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CONTACT US

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