



KNOWLEDGE. EXPERIENCE. CRAFTSMANSHIP.

**ABOUT US** 25

**We constantly improve**  
our craftsmanship by developing products,  
technologies and enterprises

Knowledge.

**7**

R&D centers

**19**

Training centers

Experience.

**>30**

years on the market

**>10 000**

products range

Experience.

**>9 500**

employees

**25**

product lines

**WE ARE  
THE MARKET  
LEADER**



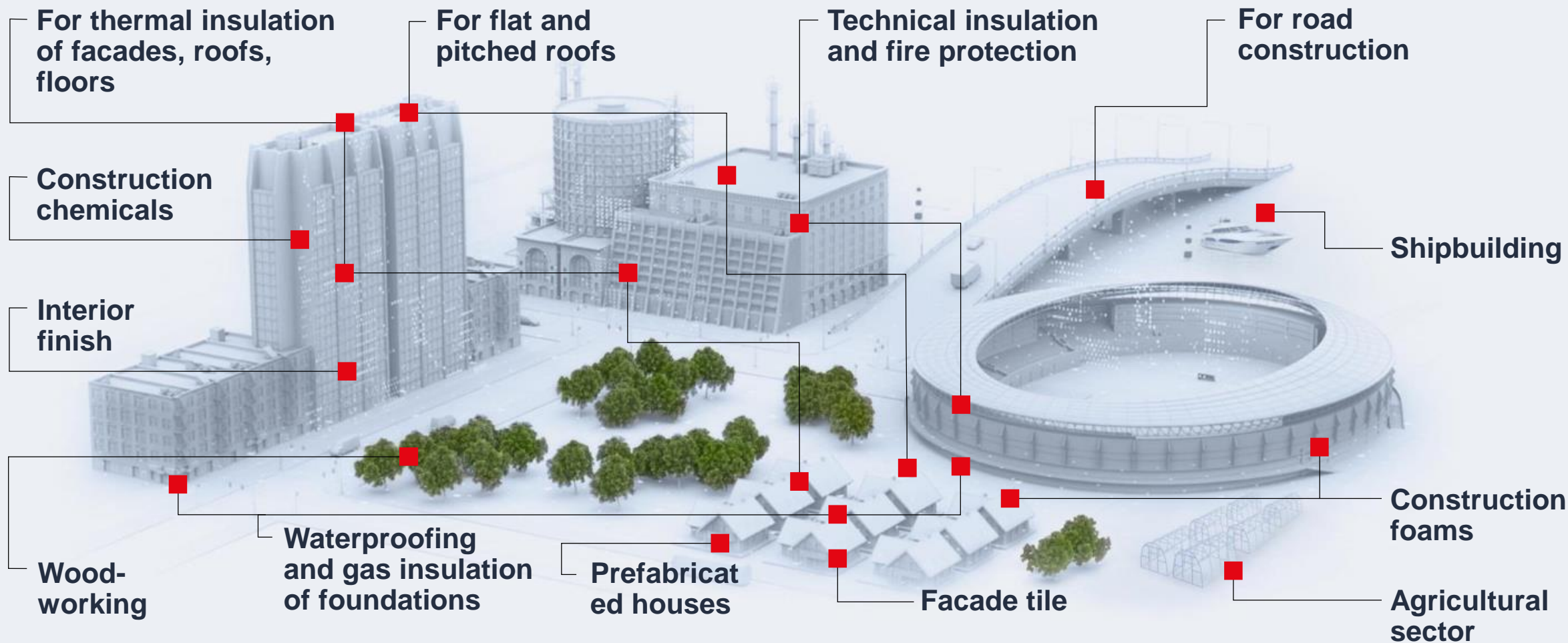
**1**  
**No**

**> WORLDWIDE**  
▪ in bitumen materials

**> IN EUROPE & CIS**  
▪ in SHINGLAS

**> IN THE CIS**  
▪ in stone wool  
▪ in polymer membranes  
▪ in bitumen mastics  
▪ in XPS

# WE PRODUCE A WIDE RANGE OF CONSTRUCTION MATERIALS



**We offer the market**  
**innovative materials and solutions**  
**in accordance with the requirements**  
**of European and Russian standards**

**WE OPTIMIZE**  
construction  
solutions

**WE EXPLORE**  
the potential  
for improving  
existing materials

**WE DEVELOP**  
new products

**5** **NEW**  
**PRODUCTS**  
**ANNUALLY**

# **TECHNONICOL** **IS A CONSTRUCTION** **MARKET EXPERT**

The Company's specialists thoroughly understand the production and use of construction materials



**DESIGN  
SPECIFICATION**

**DESIGN**

**DESIGN  
EXAMINATION**

**MANUFACTURE  
OF MATERIALS**

**INSTALLATION**

**OPERATION**

**REPAIR**

Expert support at any stage



**>500** mln people

live and work  
in the houses built  
with TECHNOMICOL materials

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We make high-quality and efficient materials  
and solutions available to every person in the world

# TECHNONICOL IS A RESPONSIBLE BUSINESS

## Society

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### **Honest and responsible business**

- We do honest business
- We create new jobs
- We support volunteer projects

## Ecology

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### **Caring for the environment**

- Waste-free production
- Environmental responsibility of employees (no waste paper, collection of batteries, environmental campaigns)
- We offer solutions to save natural resources and energy (energy efficiency, polymer recycling)

## People

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### **Our business is for people**

- We care about the life and health of employees and their family members
- We develop and train personnel and specialists in the construction industry
- We work to ensure that people live and work in comfortable houses

## Safety

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### **Life is the highest value**

- Safe work
- Safe production
- Safe products.  
All materials and solutions of the Company meet high safety requirements



**BUILDING THE FUTURE  
TOGETHER**



[www.technicol.asia](http://www.technicol.asia)



**FOR GOVERNMENT  
OFFICIALS**

# **TECHNONICOL** **IS AN ACKNOWLEDGED LEADER**



We use only the world's best technologies and equipment. We regularly invest in development and modernization

**> WE BUILD  
AND LAUNCH  
NEW FACTORIES**

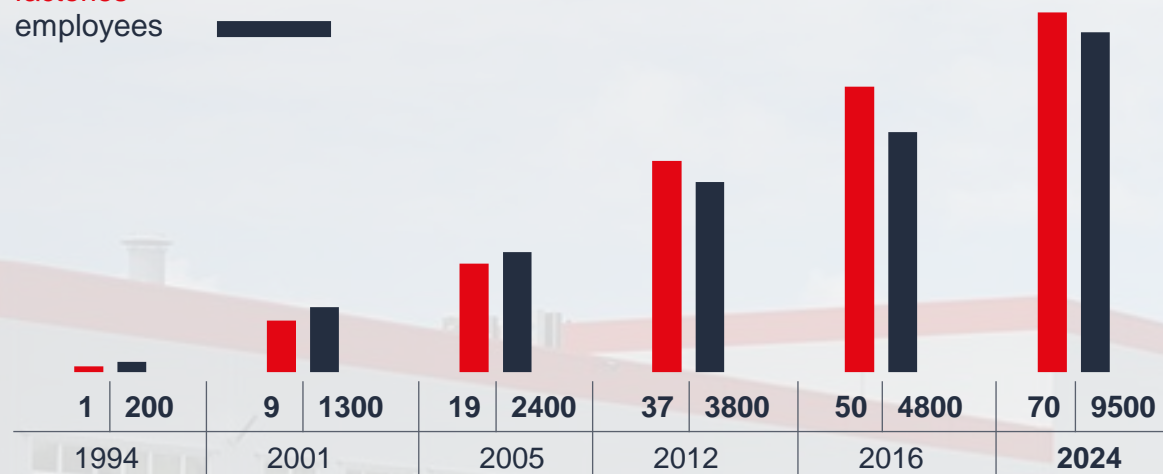
**> WE EXPAND  
THE RANGE  
OF PRODUCTS**

**> WE PURSUE  
AN ACTIVE  
SOCIAL POLICY**

**> WE MAINTAIN  
PRODUCTION  
SAFETY**

# WE ARE A DYNAMICALLY GROWING COMPANY

factories  
employees



>70

factories

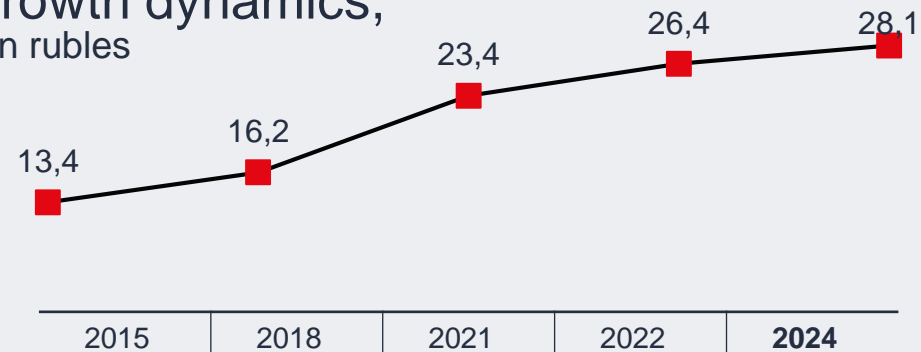
9500

employees

# WITH THE BEST LABOR PRODUCTIVITY\*

\* We are the winners of the awards “Labor productivity: Leaders of Russian industry – 2018, 2019, 2020, 2021, 2022” in the construction materials industry

Growth dynamics,  
mln rubles



# 28,1 mln rubles

labor productivity per person

# 4 times ↑

higher than the Russian average

# 265%

increase in labor productivity  
since 2009

# TECHNONICOL

> a large taxpayer

> a reliable employer

> a responsible company

in **18**

regions of Russia –  
geography of  
location of the  
production sites

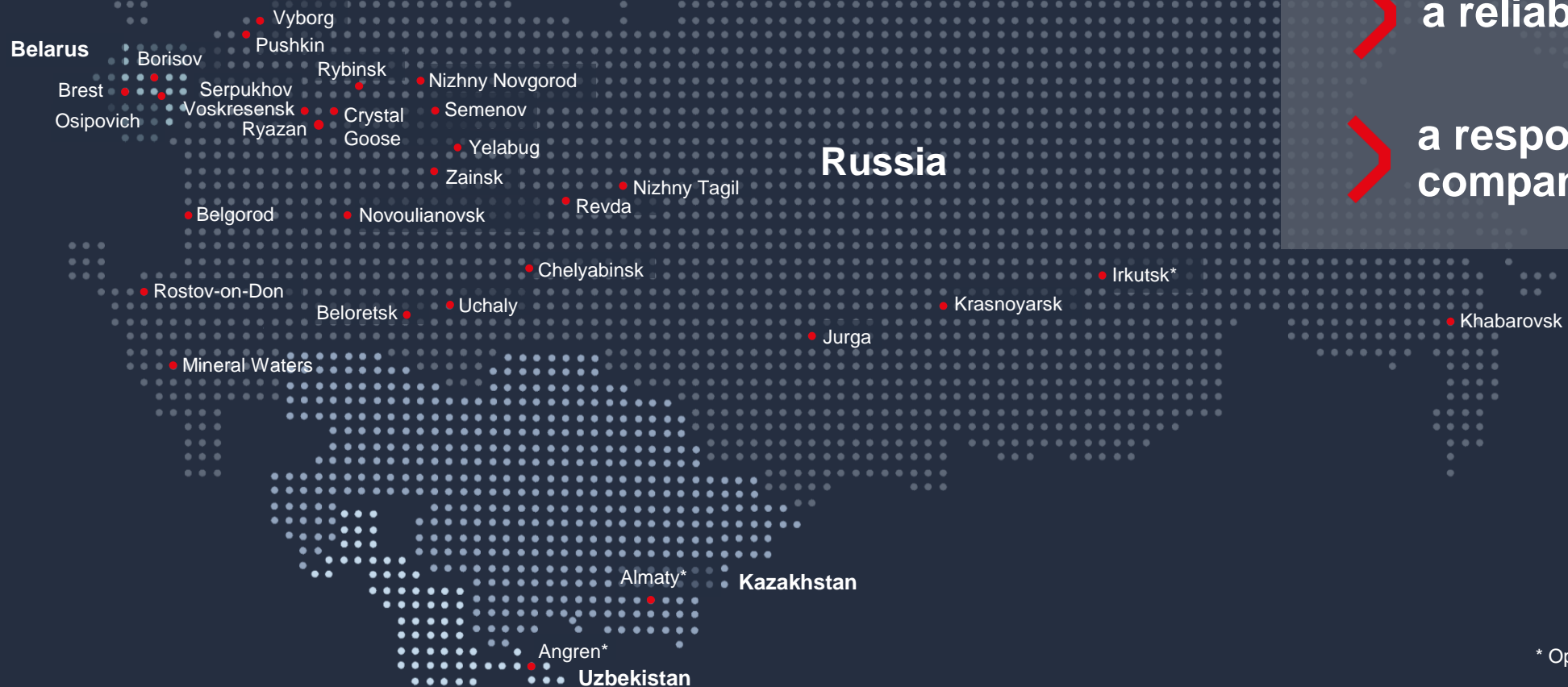
in the Leningrad region  
to the Far East

Production sites marked on the map include:

- Vyborg
- Pushkin
- Rybinsk
- Serpukhov
- Voskresensk
- Ryazan
- N. Novgorod
- Goose Crystal
- Semenov
- Yelabuga
- Zainsk
- Belgorod
- Novoulianovsk
- Nizhny Tagil
- Revda
- Rostov-on-Don
- Chelyabinsk
- Beloretsk
- Uchaly
- Mineral Waters
- Jurga
- Krasnoyarsk
- Irkutsk \*
- Khabarovsk

\* Opening soon

# TECHNONICOL CIS



- > a large taxpayer
- > a reliable employer
- > a responsible company

\* Opening soon

**1** JOB  
AT TECHNONICOL **=** **8** JOBS  
IN THE REGION

CATERING

LOGISTICS

PALLET  
PRODUCTION

CLEANING

SECURITY

OTHER  
SERVICES



# **We contribute to the development of the Russian construction industry**

## **DIGITALIZATION AND BIM TECHNOLOGIES**

The implementation of BIM simplifies the management of a construction project throughout the entire life cycle

## **TRAINING BUILDERS**

Every year we train 50,000 builders in 20 training centers to work with modern materials and systems

## **PRODUCTION CAPACITY**

Every year we increase the volume of our products

## **AFFORDABLE PRICES**

We provide construction solutions and systems of the best quality, reliability and energy efficiency at the lowest cost

# > 147 mln \$

**will be invested  
in environmental projects  
at our enterprises**

from 2016 to 2025

## THE COMPANY'S GOAL

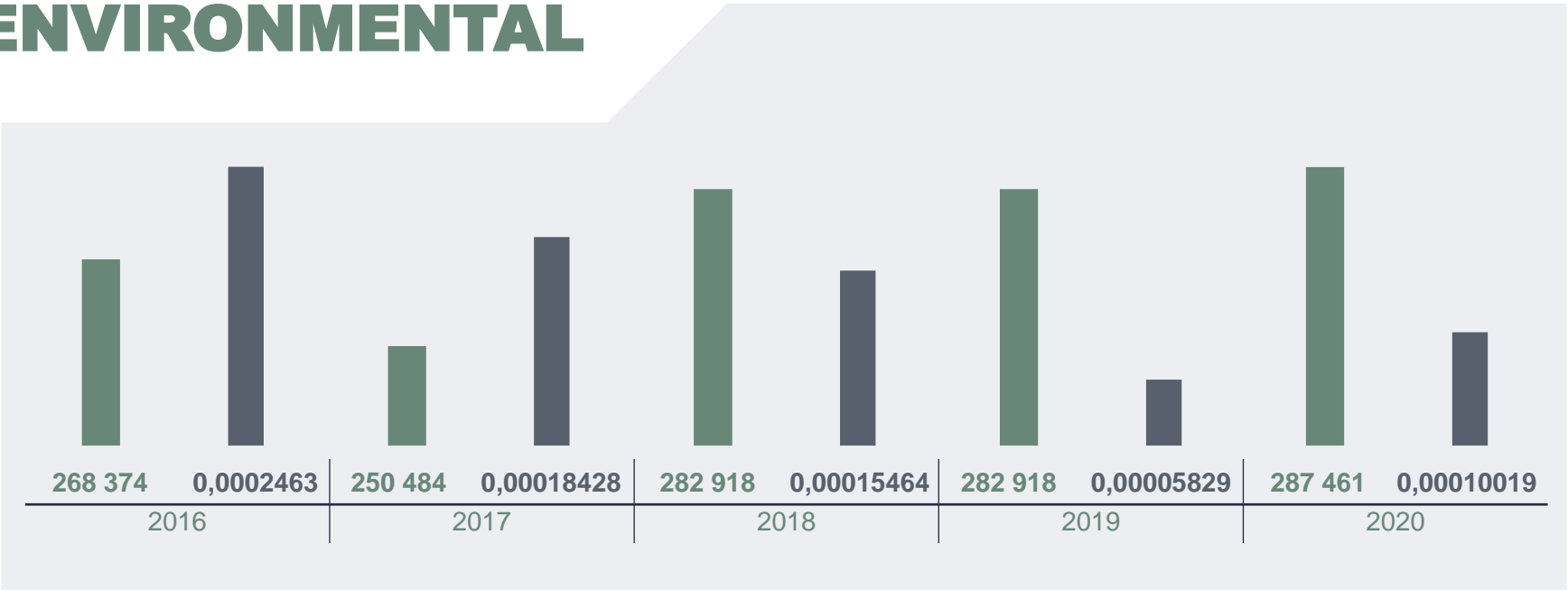
is minimizing the impact  
on the environment through  
continuous improvement of  
environmental performance,  
safe production and safe  
products for every person  
in the world

# EFFICIENCY OF ENVIRONMENTAL INVESTMENTS

TECHNO plant  
(Ryazan)

Production output, m<sup>3</sup>

Emission rate



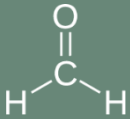
↓ **59%**

reduction in emissions  
of marker substances  
over 5 years



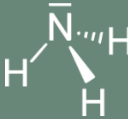
**80%**

hydroxybenzene



**66,5%**

methanol



**58%**

ammonia

# Implementation of environmental projects is a priority task for TECHNONICOL

## Clean air

- Air aspiration and purification systems
- Gas scrubbers
- Absorption-biochemical installations
- After burning of gases
- Dust collectors and dust suppression systems

## Pure water

- Closed-loop water circulation
- Water consumption reduction program
- Wastewater monitoring

## Reducing energy consumption

- Energy consumption reduction programs
- Energy saving technologies
- Use of alternative energy sources

## Recycled materials

- Own recycling
- Disposal of construction waste
- Processing of recycled polymers and plastics
- Use of recycled materials in production

# CLOSED-LOOP ECONOMY

## TN recycling program

Returning to the production cycle:

- HDPE
- PP
- Rubber
- PVC
- Waste oils
- Polystyrene
- Asphalt crumbs



# CLOSED-LOOP ECONOMY

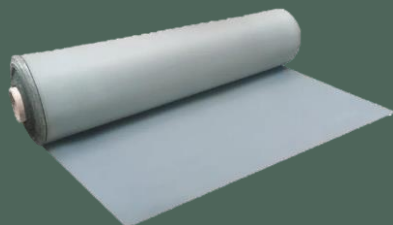
Own recycling



PET bottles



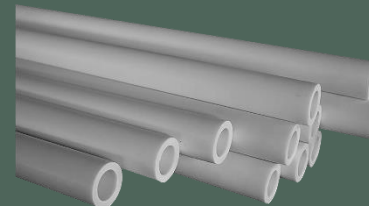
Polymer roofing membrane



Plastic caps



Polypropylene



Plastic drainage systems



Basalt fiber thermal insulation



XPS thermal insulation



PVC window profile



Styrofoam  
(except for the one used for packaging)

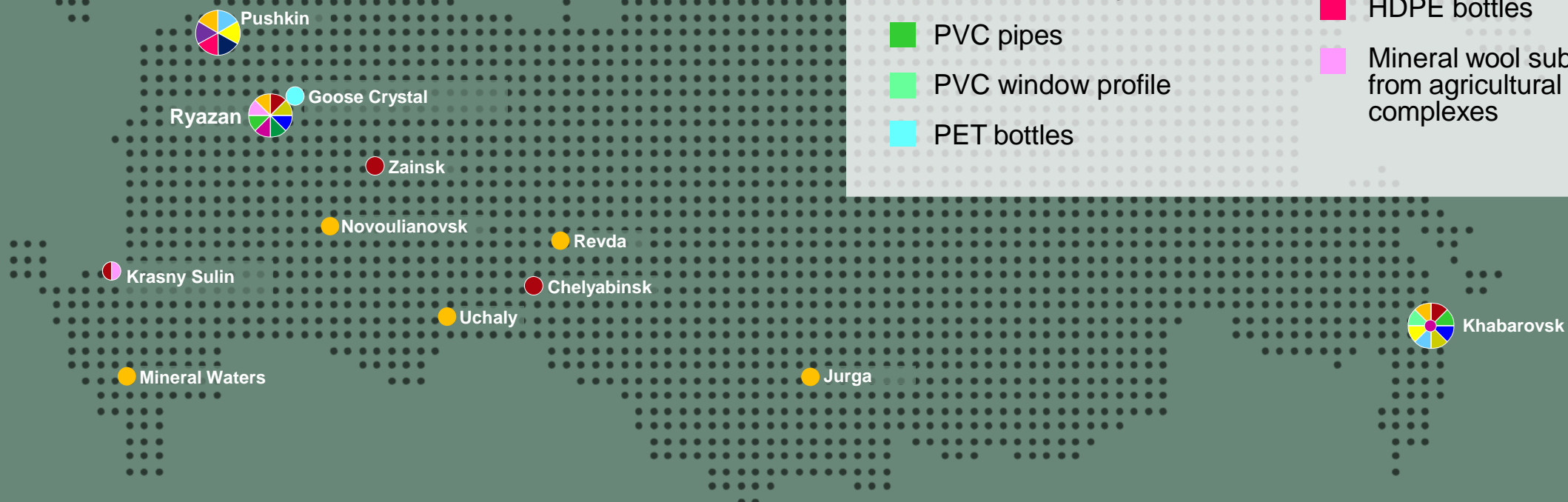


Polystyrene trays and fish boxes

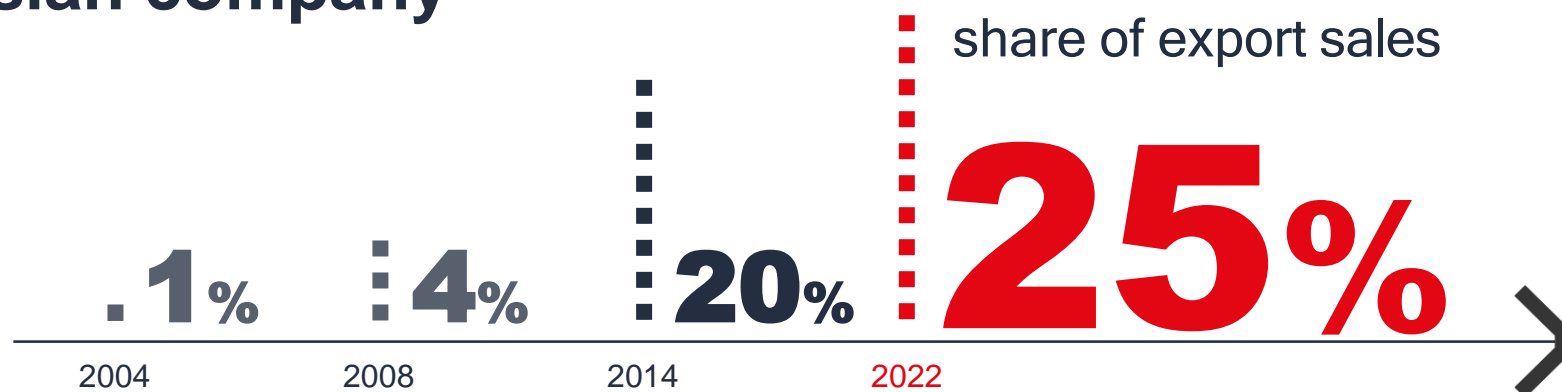


# TECHNONICOL RECYCLING

- |                                    |   |
|------------------------------------|---|
| ■ Stonewood                        | ■ Styrofoam   |
| ■ XPS thermal insulation           | ■ Siding  |
| ■ Polystyrene trays and fish boxes | ■ Plastic caps  |
| ■ Plastic drainage systems         | ■ LDPE and HDPE films                                 |
| ■ Polymer roofing membrane         | ■ Vinyl soffits                                       |
| ■ PVC pipes                        | ■ HDPE bottles  |
| ■ PVC window profile               | ■ Mineral wool substrates from agricultural complexes |
| ■ PET bottles                      |   |



**TECHNONICOL** is a Russian company  
that has successfully  
entered foreign markets



# CONSTRUCTION PROJECTS WHERE **TECHNONICOL** MATERIALS ARE USED

- Industrial enterprises
- Residential complexes
- Spaceports
- Retail and commercial real estate
- Airports, road transport infrastructure
- Government and medical institutions
- Federal projects \*

\* The 2013 Universiade in Kazan, the 2014 Olympics in Sochi, the 2018 FIFA World Cup



**TOGETHER WE'LL MAKE  
THE COUNTRY STRONGER**



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**FOR B2C**



A world-famous  
company:

in **118** countries

houses are built  
with TECHNONICOL materials

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We make high-quality and efficient materials  
and solutions available to every person in the world



**Our products**  
are manufactured in 5 countries  
and are certified in the countries  
of export

> We provide  
world-class solutions

> We manufacture  
products using  
advanced equipment

> We use  
high quality raw  
materials

We produce a wide range  
of construction materials

>10000

PRODUCT NAMES

THERMAL INSULATION

SOUND INSULATION

WATERPROOFING

HYDRO PROTECTION,  
WIND PROTECTION  
AND VAPOR BARRIERS

ROOFING

FACADES

FOAMS, ADHESIVES,  
SEALANTS

FIRE PROTECTION  
AND TECHNICAL  
INSULATION

PREFABRICATED  
HOUSES

SAWN TIMBER

# AII TECHNONICOL materials meet the strictest global safety criteria



**>25** bln  
rubles  
certification  
costs

## Certification for key environmental safety requirements

- LEED international environmental certificate
- Vitality Leaf certificate
- Blue Angel 2017 certificate

## Certificates in terms of security (mandatory)

- Fire safety certificates
- Declarations of Conformity
- Certificates of state registration within the framework of sanitary and epidemiological requirements

## Voluntary certificates and conclusions

- Fire safety certificates (voluntary ones in the system of the National Union of Fire Safety Organizations)
- Expert opinions on compliance with sanitary and epidemiological requirements
- Production certificates:  
ISO OHSAS 18001  
Occupational safety

# SAFETY FOR CONSUMERS

TECHNONICOL creates materials, systems and completed projects that ensure:

- **FIRE SAFETY**
- **RADON PROTECTION**
- **REDUCTION OF ENVIRONMENTAL IMPACT**  
(by reducing CO<sub>2</sub> emissions from fuel combustion in production)

## INVESTMENTS IN NEW PRODUCTS



### **GREENGUARD** a unique stone wool-based thermal insulation material

GreenGuard slabs are manufactured using phenol-free GEOlife technology: natural stone and coke are used as well as a new binder made from natural components that is the Company's know-how

# CLOSED-LOOP ECONOMY

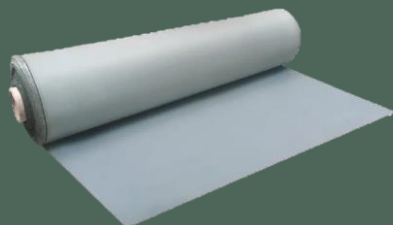
Own recycling



PET bottles



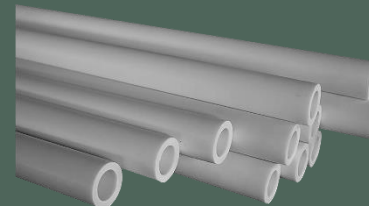
Polymer roofing membrane



Plastic caps



Polypropylene



Plastic drainage systems



Basalt fiber thermal insulation



XPS thermal insulation



PVC window profile



Styrofoam  
(except for the one used for packaging)



Polystyrene trays and fish boxes



# EVERY DAY WE MAKE OUR PLANET CLEANER!

The scientific and technical potential of the Company is aimed at organizing recycling



## THE CONSTRUCTION OF THE SECOND POLYMER RECYCLING PLANT WAS FINISHED IN 2023.

This allows us to collect from the population and organizations Styrofoam and containers for fruits, vegetables, eggs, frozen fish and chilled meat for recycling.

## OUR ENTERPRISES HAVE IMPLEMENTED SEPARATE COLLECTION OF WASTE,

including cardboard, paper, metal, used containers, oil, rubber, plastic (PVC, polypropylene, polyethylene), and partly wood. All conditions have been created to ensure environmental safety and organize separate waste collection work.

## TECHNONICOL IS THE FIRST COMPANY IN RUSSIA TO OFFER FREE DISPOSAL OF OLD CONSTRUCTION MATERIALS.

Builders can hand over to TECHNONICOL's enterprises old drainage systems, eave and façade products, polystyrene foam and stone wool-based thermal insulation, and PVC membranes.



# ДОМ ТЕХНОНИКОЛЬ

quality, durability, energy  
efficiency and affordable  
price for everyone

**3-4**  
Months

required for the  
construction of a  
house

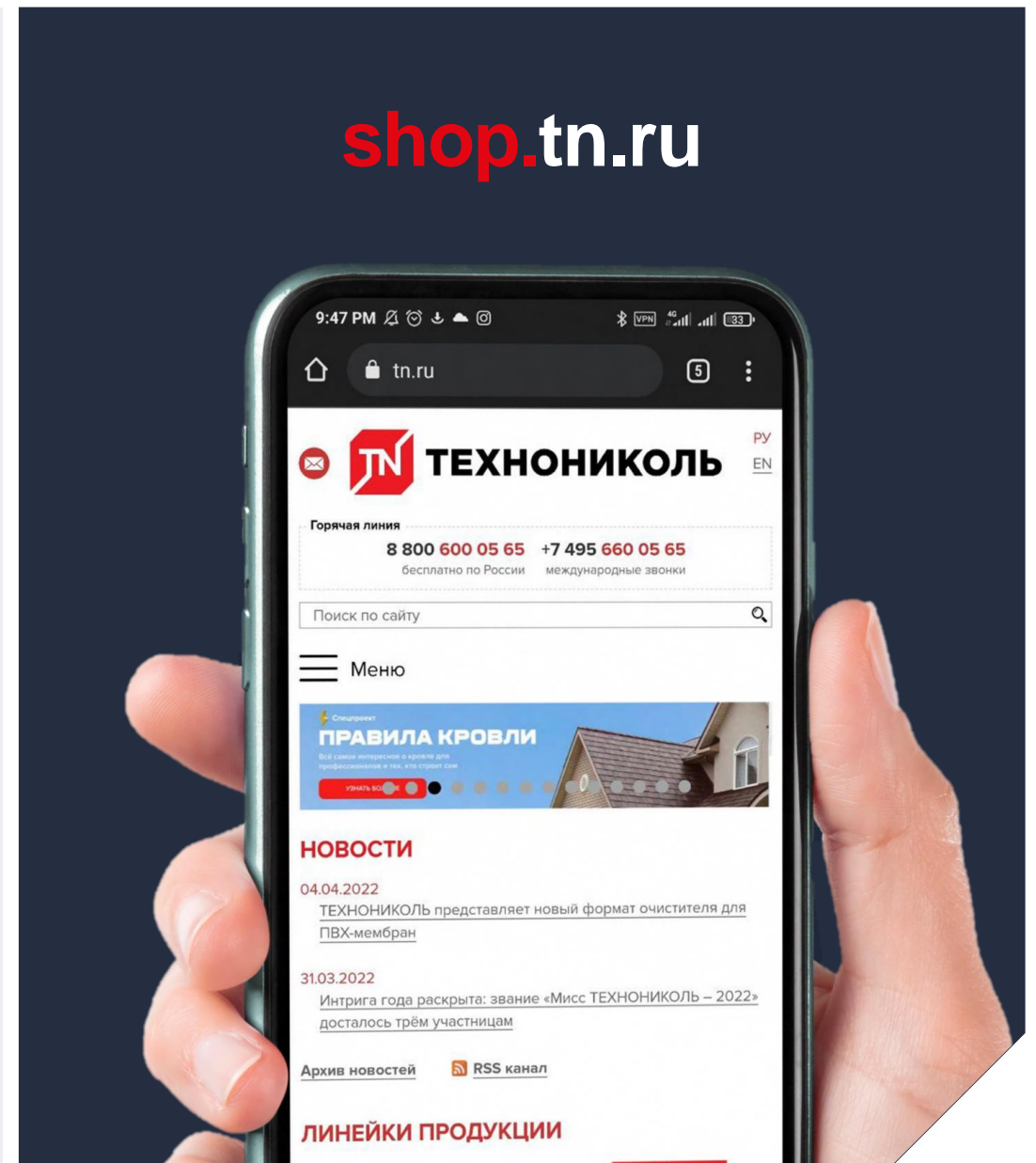
**45-55**  
thousands of  
**rubles**  
turnkey price  
per m2

in **2**  
time less  
the cost of  
maintaining a  
comfortable  
microclimate



# TECHNONICOL online store the best materials and solutions are just a click away

- High level of customer service and high-quality products focused on the needs of each client
- Buying directly from the manufacturer
- Quick selection of a ready-made solution
- Quality warranty
- Possibility to select products by technical characteristics
- Specialized warehouses where light conditions, temperature and other storage and packaging conditions are observed
- 3D Secure technology for secure payments





**KNOWLEDGE.  
EXPERIENCE.  
CRAFTSMANSHIP.**



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**FOR B2B**

We produce a wide range  
of construction materials

>10000

PRODUCT NAMES

THERMAL INSULATION

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ROOFING

FACADES

FOAMS, ADHESIVES,  
SEALANTS

FIRE PROTECTION  
AND TECHNICAL  
INSULATION

PREFABRICATED  
HOUSES

SAWN TIMBER

# **Our services help** at all stages of construction and operation

## **FOR CUSTOMERS AND GENERAL CONTRACTORS**

- Technical support
- Issuance of warranties
- Design
- Performing calculations and measurements
- Training
- Contractor rating
- Installation supervision
- Operational support
- Finding leaks
- Thermal imaging examination

## **FOR CONTRACTORS**

- Training
- Issuing a Certificate of Mastery
- Technical support
- Design
- Installation support
- Issuance of warranties
- Contractor rating
- Operational support
- Finding leaks
- Thermal imaging examination

## **FOR DESIGNERS**

- BIM library
- Documents
- Design
- Auditing design documentation
- Performing calculations
- Online calculators
- Bills of quantities
- Technical support

A photograph of two men in construction gear shaking hands. The man on the left is wearing a dark blue jacket and a white hard hat. The man on the right is wearing a grey and red jacket and a white hard hat. They are standing in front of a building under construction.

# We work with partners on mutually beneficial and transparent terms

➤ We provide a personal  
account and a personal  
manager

➤ We arrange loan  
programs

➤ We deliver products  
within 48 hours

➤ We help in promoting  
products

# We improve the quality of construction work at the **TECHNICOL** Construction Academy

Training formats:  
in-person, on-site, distance

**19**  
Training centers



## ANNUALLY TRAINED

**50** **thou.**  
specialists

### RUSSIA

Moscow  
Belgorod  
Yekaterinburg  
Kazan  
Krasnodar  
Kumertau  
Naberezhnye Chelny

Novosibirsk  
Ryazan (2)  
Saint Petersburg  
Ufa  
Khabarovsk  
Cheboksary

### BELARUS

Minsk

### KAZAKHSTAN

Astana

### UZBEKISTAN

Tashkent

### GERMANY

Bad Hersfeld

### ITALY

Turin

### LITHUANIA

Gargzdai



**KNOWLEDGE.  
EXPERIENCE.  
CRAFTSMANSHIP.**



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We use only the world's best technologies and equipment. We regularly invest in development and modernization

**> WE BUILD  
AND LAUNCH  
NEW FACTORIES**

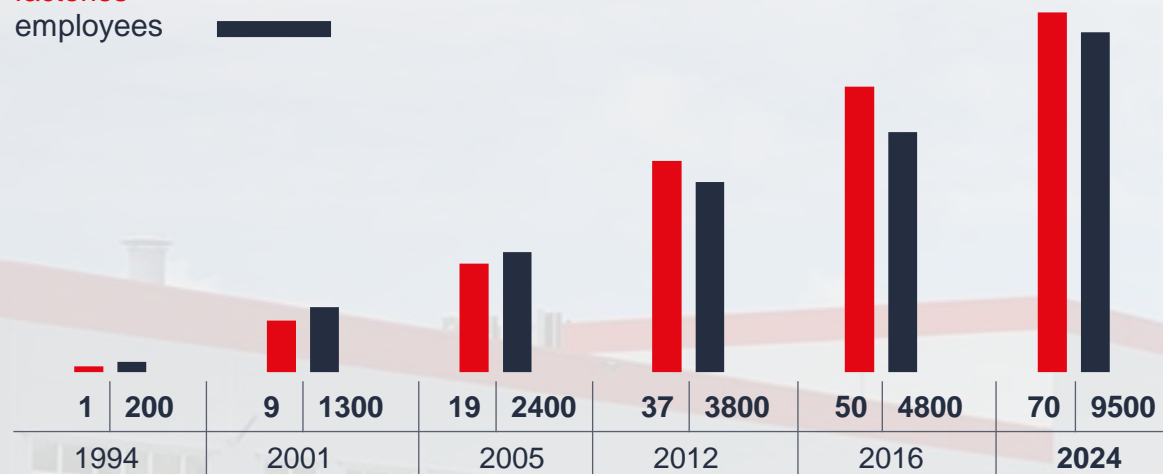
**> WE EXPAND  
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**> WE MAINTAIN  
PRODUCTION  
SAFETY**

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factories  
employees



>70

factories

9500

employees

# > 147 mln \$

**will be invested  
in environmental projects  
at our enterprises**

from 2016 to 2025

## THE COMPANY'S GOAL

is minimizing the impact on the environment through continuous improvement of environmental performance, safe production and safe products for every person in the world

# CLOSED-LOOP ECONOMY

## TN recycling program

Returning to the production cycle:

- HDPE
- PP
- Rubber
- PVC
- Waste oils
- Polystyrene
- Asphalt crumbs



# CLOSED-LOOP ECONOMY

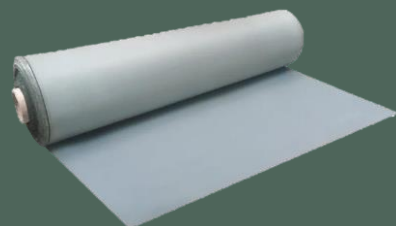
Own recycling



PET bottles



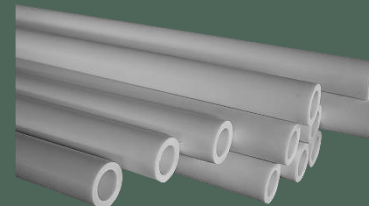
Polymer roofing membrane



Plastic caps



Polypropylene



Plastic drainage systems



Basalt fiber thermal insulation



XPS thermal insulation



PVC window profile



Styrofoam  
(except for the one used for packaging)



Polystyrene trays and fish boxes



# We conduct open excursions at **TECHNONICOL** production facilities

We are ready not only to tell, but also to show





**WE ARE HAPPY  
TO SHARE EXPERTISE  
IN OUR BUSINESS**



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# TECHNONICOL TEAM

# TECHNONICOL IS PEOPLE

They produce materials and solve problems so that every person in the world lives and works in comfort and safety



**9500**

employees work  
at TECHNONICOL

**84%**


employee engagement  
score

**38 лет**

average age

**>7 лет**

average length of service  
in the Company



**TECHNONICOL has been operating  
since 1992:  
together we live through victories  
and the most difficult economic times**

**> Accident insurance  
program**

**> Voluntary health insurance  
(VHI) program**

**> Gifts  
for first graders**

**> Salary indexation**

**> Meal allowance**

**> New Year  
gifts**

# OUR VALUES

## **TECHNONICOL's mission**

is to make high-quality, reliable, efficient construction materials and solutions available to every person in the world!

## **SAFETY**

Human life is the highest value in the Company. We strictly follow safety rules and are constantly working to improve them. We take good care of the environment.

## **RELIABLE RELATIONSHIP WITH THE CLIENT**

We take our clients' trust seriously and strive to justify it.

## **EMPLOYEES AND TEAM SPIRIT**

Each employee of the Company is extremely important; he/she brings his/her unique experience, knowledge and skills to the Company, making it successful and different from other players in the market. Our team is a single living organism, we build relationships on mutual respect and support, together we solve complex problems and achieve outstanding results.

## **GOOD NAME**

We value our reputation. TECHNONICOL is reliability and integrity. Our good name is our capital.

## **PROFESSIONALISM AND CONSTANT IMPROVEMENT**

We are confident that a true professional must constantly develop and improve in an effort to increase his/her skills.

# RELATIONSHIP WITH THE CLIENT



## WE FOCUS ON THE NEEDS OF CLIENTS

in our work and do everything so that, once they have purchased our products, they become regular customers and recommend us to their friends, acquaintances and partners



## WE TAKE OUR CLIENTS' TRUST SERIOUSLY AND STRIVE TO JUSTIFY IT

# Reliability, decency and honesty are the three pillars of TECHNONICOL's business!

**FIGHT AGAINST  
CORRUPTION**

**NO BRIBERY  
AND DISHONEST  
SCHEMES**

**OFFICIALLY  
DECLARED  
SALARIES**



The Company supports government policy to combat corruption and commercial bribery.

In our company, it is prohibited to illegally or unreasonably receive or give money, securities or other property as well as illegally use property-related services for performing a desired action or inaction in the interests of the giver.

«We believe that it is possible to build efficient production and official (honest) business in Russia»

Sergey Kolesnikov

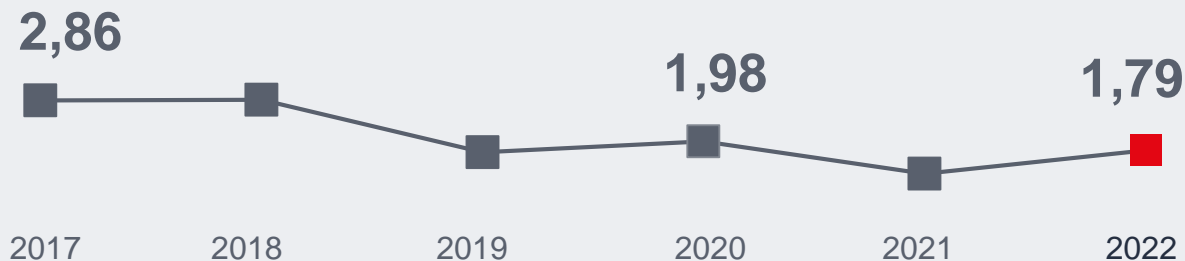
# Human life is the highest value in the Company

TECHNONICOL has joined the concept developed by the International Social Security Association

**VISION ZERO**  
Safety. Health. Wellbeing.

**0 injuries is the credo with which TECHNONICOL lives and works**

**Injury frequency rate (LTIFR) chart**  
(per million man-hours)



## 7 STRATEGIC RULES FOR ZERO ACCIDENTS

- Become a leader
- Identify threats – control risks
- Define goals - develop programs
- Create a system of occupational health and safety
- Ensure workplace safety
- Improve employee qualifications
- Invest in personnel

# ENVIRONMENTAL SAFETY OF PRODUCTION

All TECHNONICOL enterprises are equipped with systems of protection against harmful effects on the environment and human health included in the BAT  
(Best Available Techniques)



# 5-10%

of the Company's turnover  
is invested in equipment improvement

# ↓ 30%

emissions as compared  
with maximum permissible concentration

# ENVIRONMENTAL SAFETY AT EVERY ENTERPRISE

The enterprises are equipped with the filtration systems that meet strict European norms and standards.

The equipment will not start if the filtration systems are out of order



## > Implementation of new purification technologies

Every year TECHNOMICOL enterprises implement new technologies.

For instance, in 2020 an absorption-biochemical technology for purifying industrial air emissions was implemented at a factory in Chelyabinsk. This will make it possible to reduce gross emissions of marker substances by 26% within four years.

## > The factories are initially designed for the use of closed-loop technology

At TECHNOMICOL enterprises, there are installed recycling water supply/closed water cycle and automatic sensors for turning on/off lighting.

There has been made a 100% transition to LED lighting. Dome lighting in factories significantly reduces energy consumption.

# EMPLOYEE DEVELOPMENT

We encourage your desire to achieve mastery in your work and share your experience with colleagues

## PERSONNEL RESERVE SCHOOL

We pursue a program for the development of leadership qualities and corporate values and their transfer to managers of the new generation

## TRAINING AND PROFESSIONAL DEVELOPMENT

We invest in the system of training and professional development: we develop an interactive portal - a modern and convenient for all employees concept of professional training

## MENTORING SYSTEM

We revive the mentoring system at enterprises located in Russia. Experienced employees share their skills with new colleagues

# IT IS IMPORTANT FOR US WHAT IS IMPORTANT FOR YOU

We support employees  
and raise professionals  
within the company

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For new vacancies, we primarily consider  
our own employees to ensure their career  
development



# OUR PEOPLE IS THE MAIN VALUE OF THE COMPANY



« It is only thanks to well-coordinated teamwork that we have achieved such outstanding results. I am very glad to have such a team that shares the Company's values and goals. »

---

**SERGEY KOLESNIKOV,**  
co-owner and managing  
partner of TECHNOMICOL



**BUILDING THE FUTURE  
TOGETHER**



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