

# Rating for protection of the Earth

## Project core

Ratings of environmental and energy efficiency are a free information product, which motivates businesses to strictly monitor its environmental "health" and conservation of nature in the regions of its presence. The universal assessment of environmental and energy efficiency informs companies of "fever, high blood pressure, or poor blood counts". Environmental ratings increase the transparency and social responsibility of companies. The ratings inspire the business to "selfmedicate"!

## 01 Ratings' principles

### Scientific validity

Comparative assessments are based on **laws of physics** and do not use subjective expert opinions.

### Objectiveness

The **numerical measurability** of indicators in kilowatts, tons, cubic meters, hectares and joules excludes the subjectivity of experts.

### Free of charge

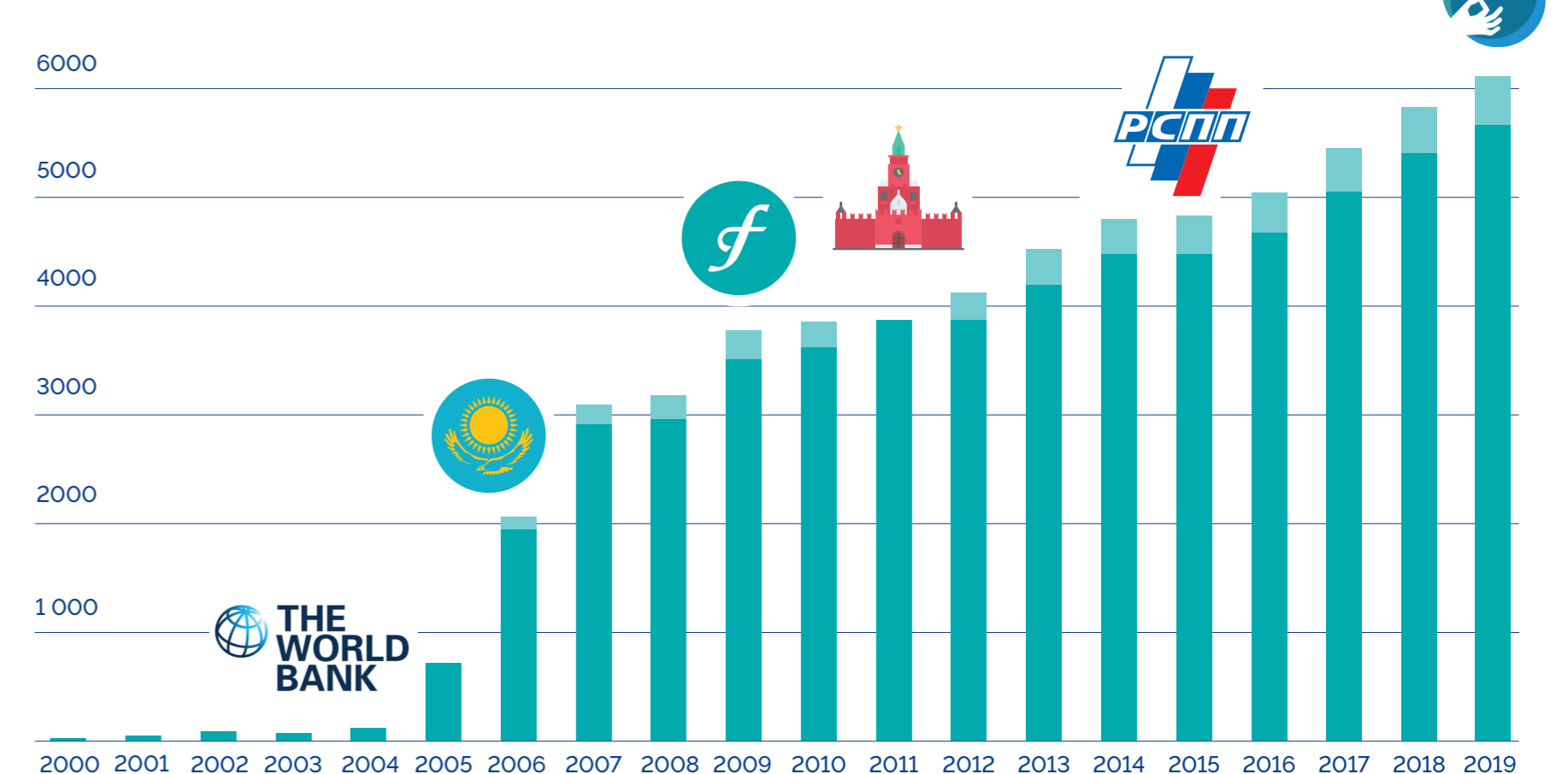
The combination of accessibility, simplicity and thoroughness of assessment allows to compare thousands of companies **without conflict of interest**.



## 02 History of ratings development

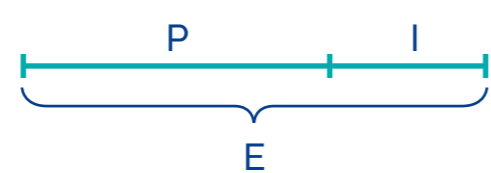
### Major events over 20 years

The number of companies in Russia and Kazakhstan in the environmental ratings



## 03 Rating methodology

The methodology calculates the ratio of energy consumption (E) for technological processes, production (P) and the anthropogenic impact on environment (I)



Hazard ratio = I / E

Coefficient of efficiency = P / (E+I)



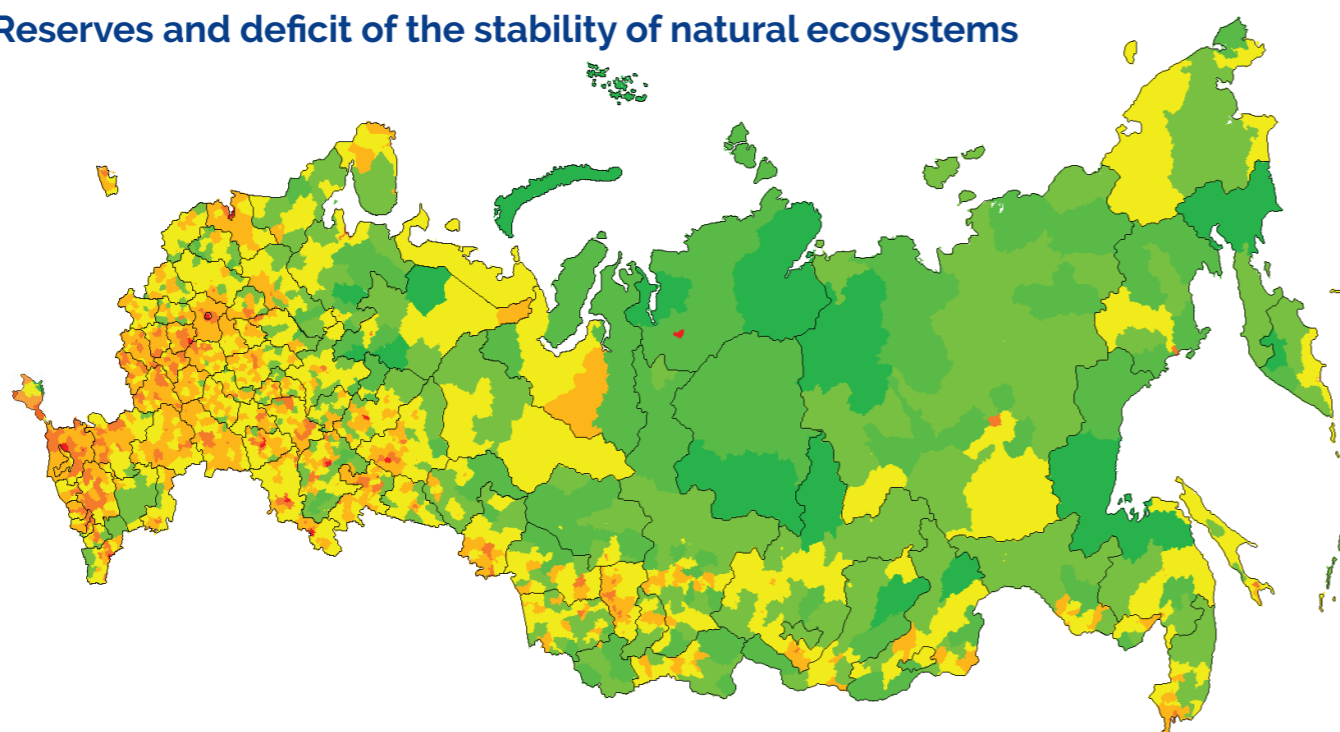
### Physical indicators allow:

- to compare enterprises with their technological analogues (benchmarking);
- to evaluate undisclosed indicators of some companies by such analogues;
- not to depend on the exchange rate, inflation and margin of business.

### "Ecosystem Services"

The rating takes into account the assimilation potential of nature (the ability to assimilate hazardous effects). An enterprise in depleted ecosystems is more dangerous than the same in an area with high environmental sustainability.

Reserves and deficit of the stability of natural ecosystems



## 04 Organization of the rating process

Profile → Promotion → Database processing

Assessment data are not disclosed ← Verification by analogues ←

5 rating criteria → Preliminary rating

- Energy-resource efficiency** — is the ratio of the amount of useful products to energy and resources consumption (production efficiency).
- Technological efficiency** — is a coefficient of harmful effect. It is determined by total environmental impact per 1 Joule of work.
- Ecosystem efficiency** — is the ability of environment to assimilate the flow of impacts in enterprises location areas.
- Dynamics of efficiency** — is the change in efficiency (+/- % per year) for the period after 2005.
- Reporting transparency** — transparency is the share of indicators that the company disclosed in annual reporting or other open sources.

Profile	Name	Place
OK	Gazprom dobycha Urengoj	1
OK	ALROSA	2
—	Sudostroitelnaya korporaciya	3
OK	Gazprom dobycha Yamburg	4
—	Gazprom transgaz Uxta	5
OK	MRSK Centra i Privolzhya	6
OK	Uralkalij	7
OK	NOVATEK	8
OK	KAMAZ	9
OK	FSK EES	10

The final place in the rating is determined by the sum of places in 5 rank lists

Generalization →

## 05 Ratings really work

**Inspector**  
"I will check the inefficient production".

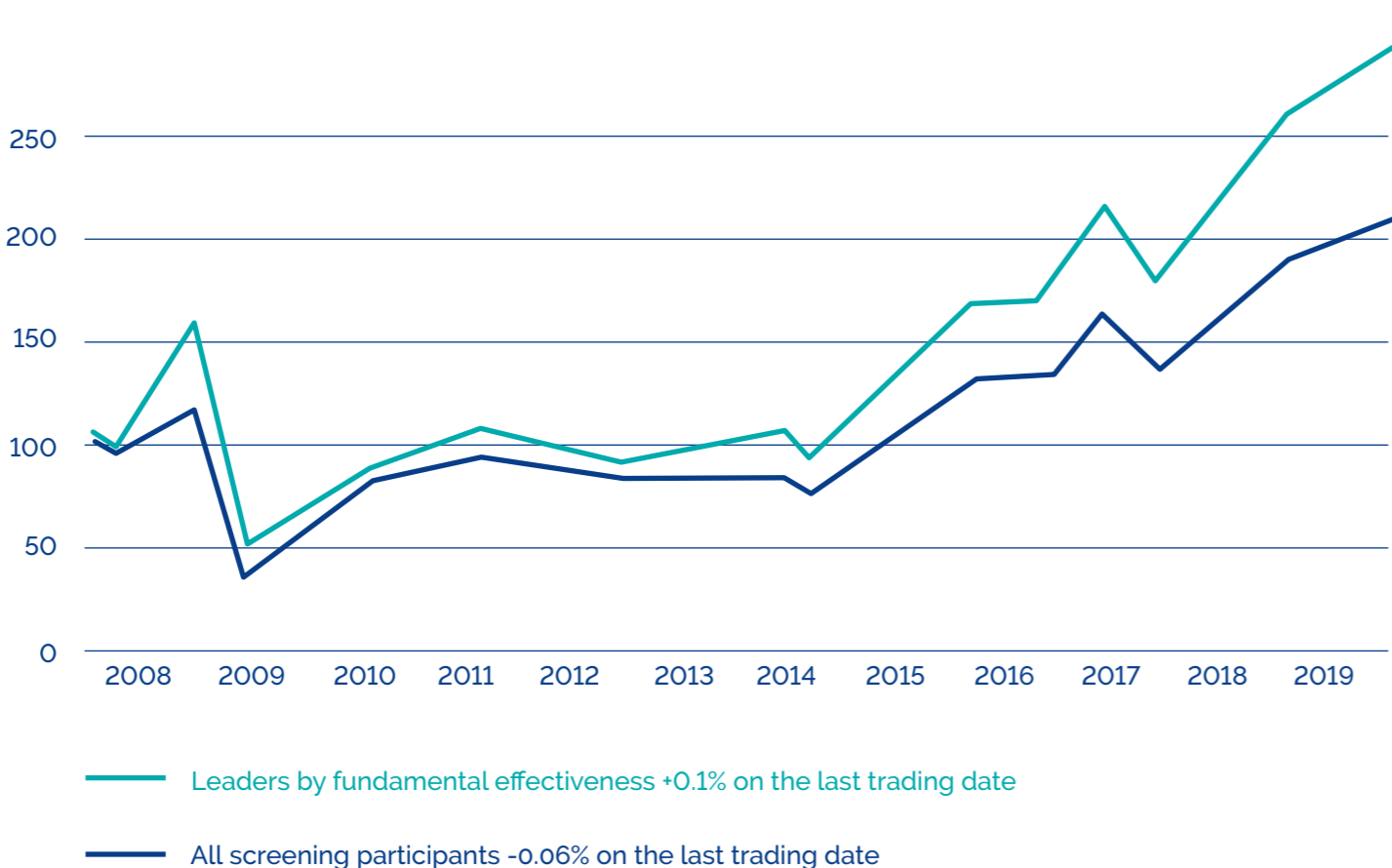
**Student**  
"I am looking for job in an effective company".

**Politician**  
"I'll create a law to protect ecosystems".

**Banker**  
"I will help to expand production to an efficient enterprise".

**Supplier**  
"I need an efficient supply chains".

Stock index ERAX



## 06 Results

A **workable, universal and objective rating procedure** with accounting of efficiency and safety for the biosphere was created.

Rating indicators are included in **reports regulated by the Central Bank and the Draft Bill on non-financial reporting** of industry in Russia.

**Information** on the environmental responsibility of companies and their impact on ecosystems is **available** to experts and citizens, investors and development institutions: [www.interfax-era.ru](http://www.interfax-era.ru)

Most largest Russian companies disclose environmental reporting; business seeks ways to improve its place in the ranking.

An Environmental Rating Developers Club has been created. Club members do not compete, but help each other.

# You can help us and nature

To support the creation of ratings with your country's companies that operate in Russia.

To evaluate your Russian supplier partners through ERA ratings.

To adapt the data collection and rating procedures to the conditions of your country

To make rating calculations yourself or with the help of an ERA

To help with the translation of the site, webinar programs, face-to-face seminars.