



Round Table «Investments and Ecology »

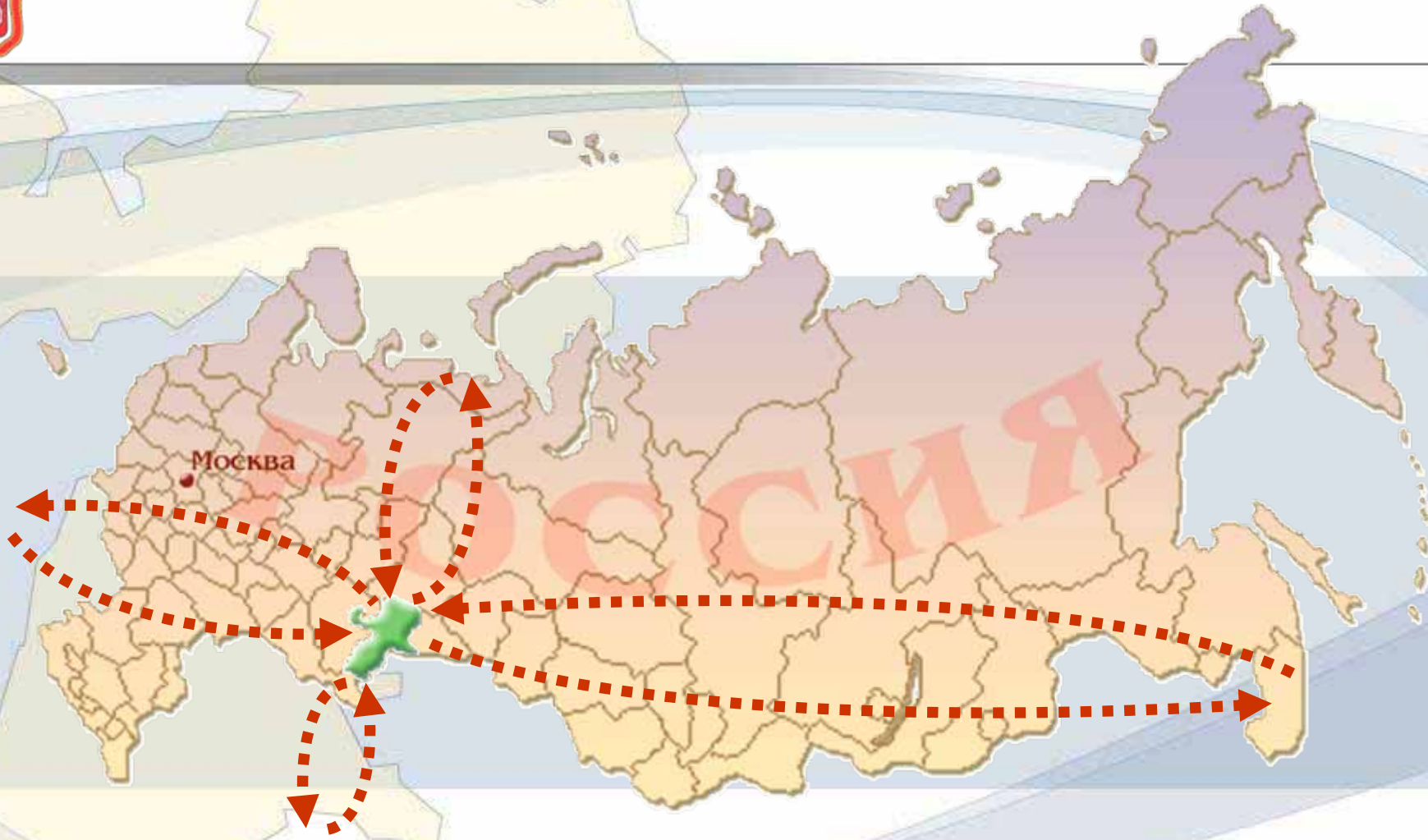
On cooperation between the Chelyabinsk region and Japan

Elena Vladimirovna Murzina
Economic Development Minister
Chelyabinsk region

2008



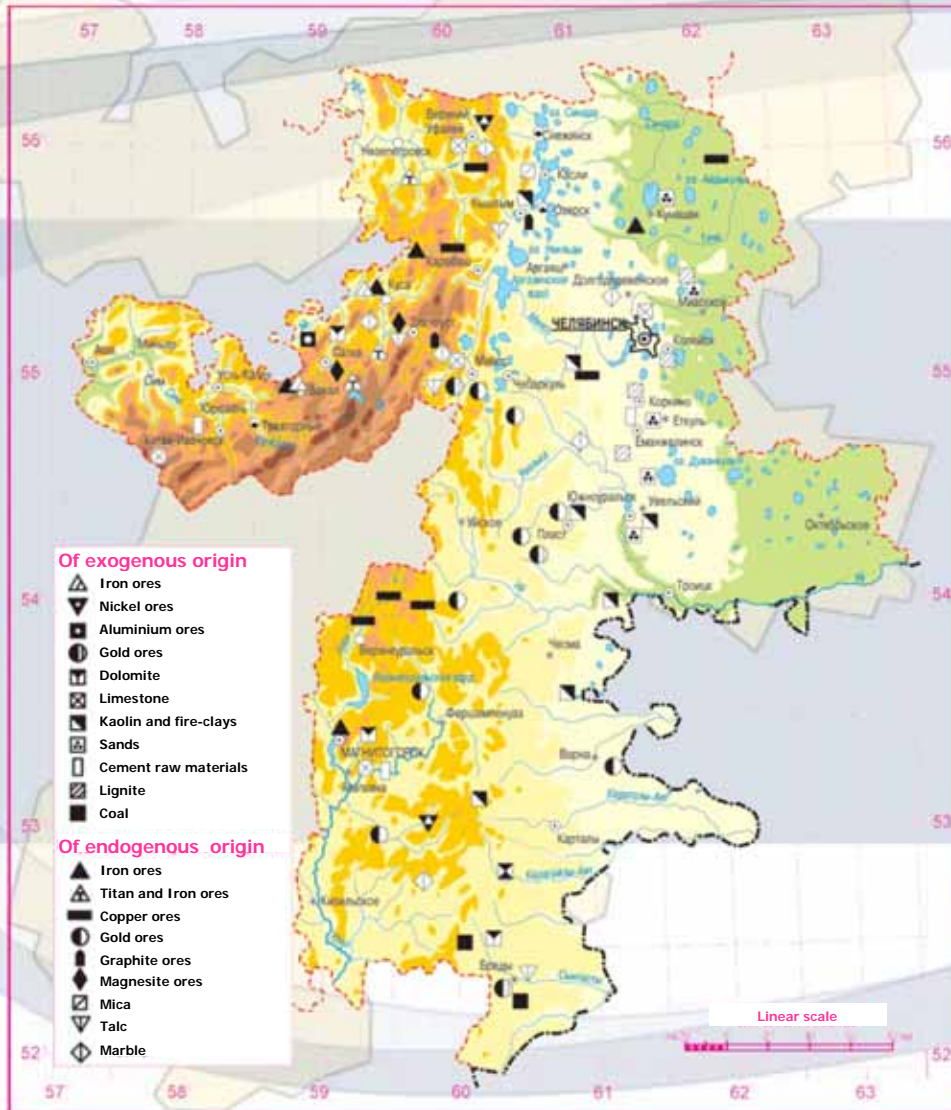
CHELYABINSK REGION



- is situated in the centre of the Russian Federation on the border between Europe and Asia;
- borders with the Republic of Kazakhstan, the Republic of Bashkortostan as well as Sverdlovsk and Orenburg and Kurgan regions;
- is situated on the cross of highways that connect the North and South, West and East (Transsiberian highway; federal highways such as M5, M36, M51; there are 2 international air terminals in the region as well).



CHELYABINSK REGION



Chelyabinsk region is a monopolist in Russia as to mining and reprocessing the raw resources such as

Graphite (95%)

Magnesite (95%)

Talc (70%)

Metallurgical dolomite (71%)

There are more than 300 deposits such as

Iron and zinc and copper ores, gold, refractory raw materials, talc, graphite, quartz, caolin, barite, phosphorite and some others

Iron ore

There are 23 deposits of 920 million tons

Copper and Sulfur ores

11 deposits of 120 million tons

Gold

4 ore deposits and 41 gravel deposits



CHELYABINSK REGION

more than 3000 lakes

over 450 curiosities and monuments of archeology, history and culture and unique natural scenic

about 20 mountain-skiing centres

more than 200 territories and zones special protected and guarded

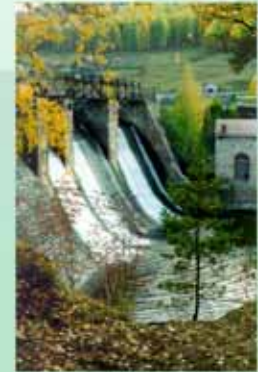
Kisegach lake



«Arkaim» Museum



Rapids



Turgoyak lake



Ilmen natural reserve



«Taganay» national park



Uvildy lake



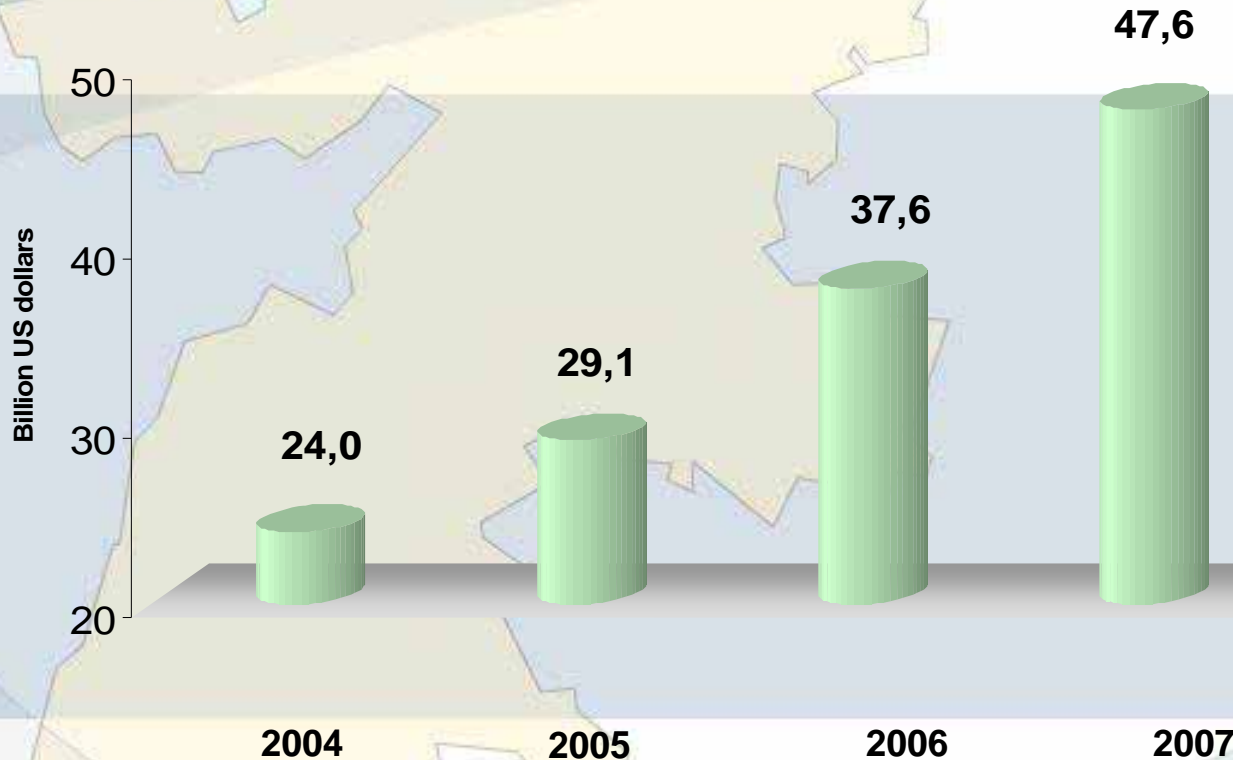
Ziuratkul lake





CHELYABINSK REGION

**All goods, products and services output
in the Chelyabinsk region economy**
(Billion US dollars)



**Chelyabinsk region
ranks among
the Russian regions**

11th as to the gross regional product

4th as to the factory shipments volume in processing industry branches

7th as to direct foreign investments

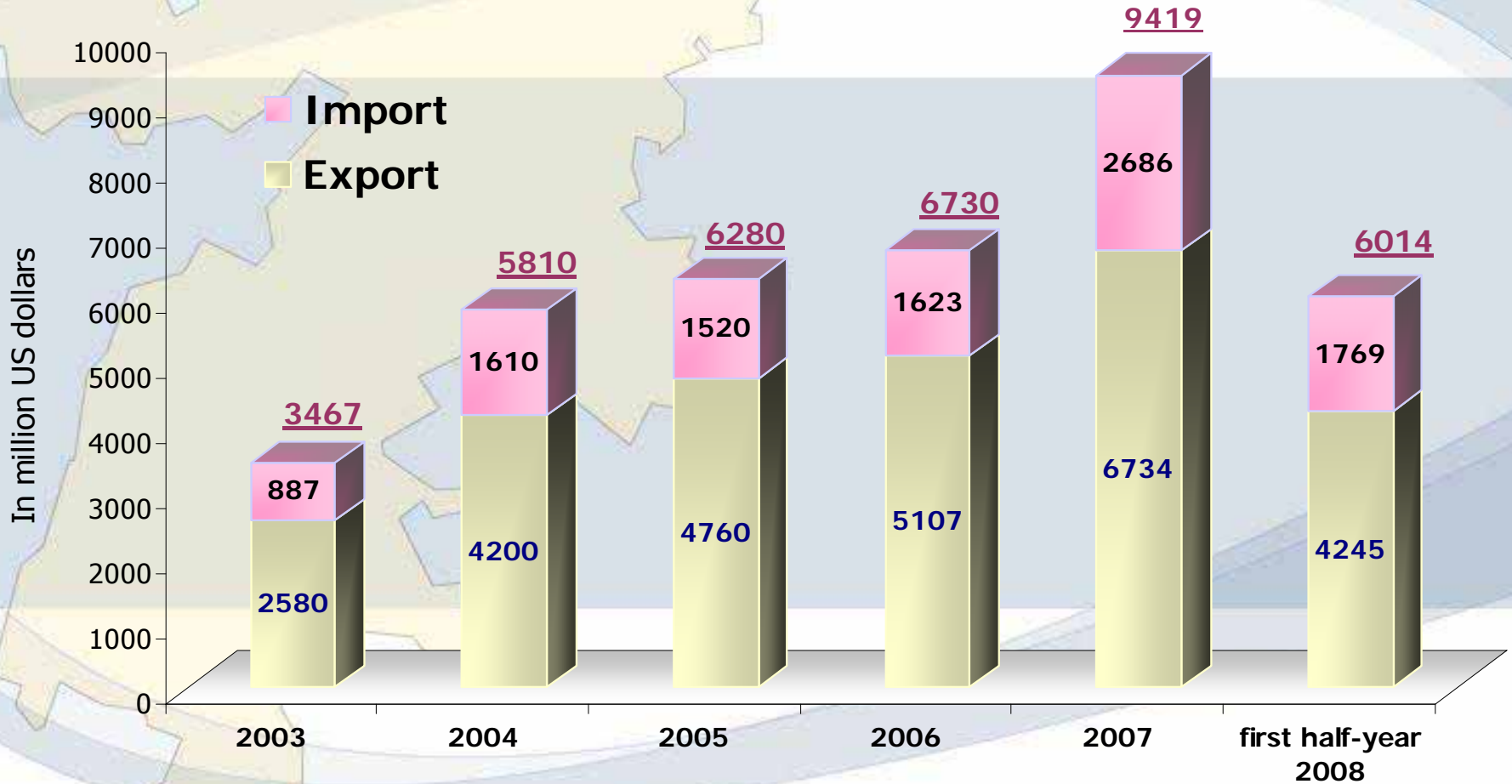
9th as to civil construction as well as agriculture production volume

The regional long-term credit rating is Aa1.ru
The regional short-term rating is RUS-1



CHELYABINSK REGION

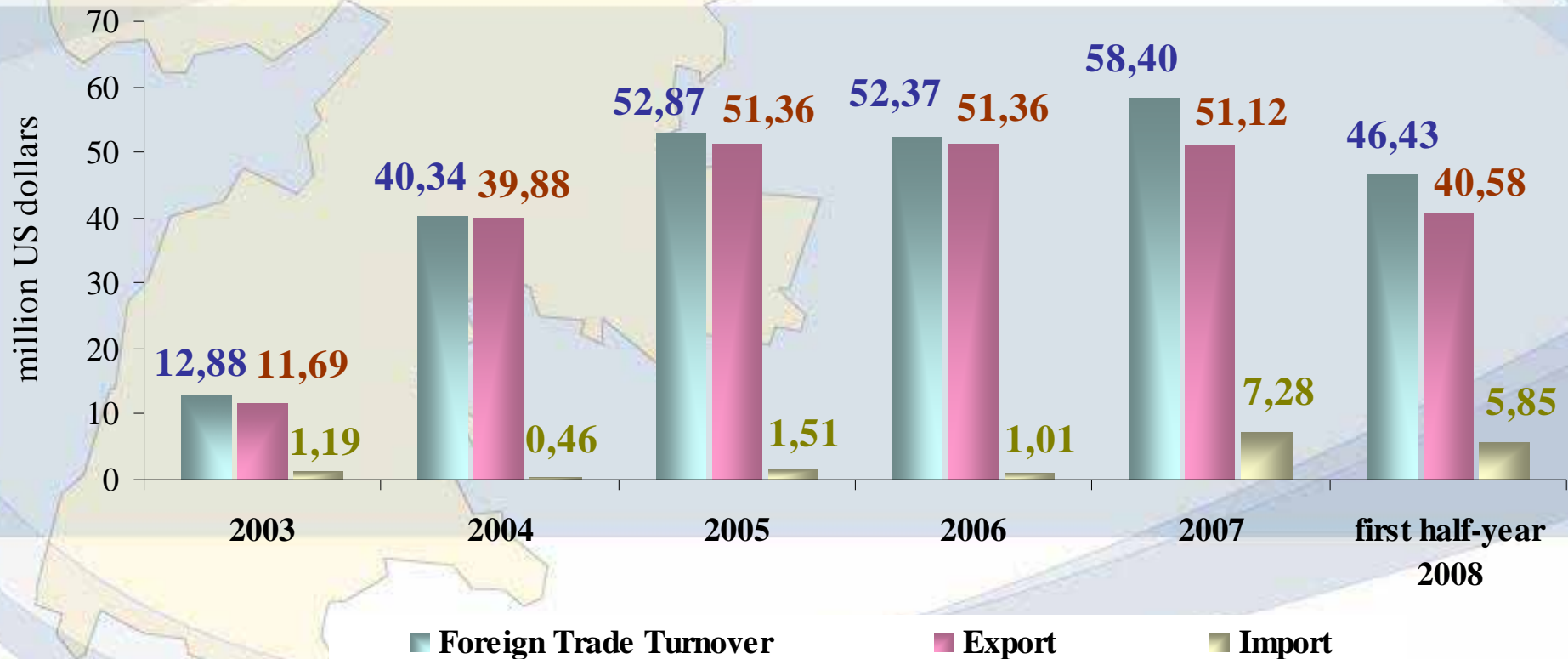
Chelyabinsk Region Foreign Trade Turnover





CHELYABINSK REGION

The Chelyabinsk region trade operations with Japan (in million US dollars)





CHELYABINSK REGION

Trade and economic operations of the Chelyabinsk region with Japan Export

YuUTK «Tarkus» LLC



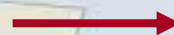
aluminium

«Chelyabvtortsvetmet» CJSC



secondary aluminium

**«Chelyabinsk Electric Integrated
Iron and Steel Works» OJSC**



ferrosilicon, ferrochromium

MPK «Gefest» LLC



secondary aluminium

Yuzhnouralsk«Kristall» Plant OJSC



piezoelectric crystals

**«Kyshtym Ore-Concentrating
Works» OJSC**



quartz sand

« Chelyabinsk Zink Plant » OJSC



metallic indium



CHELYABINSK REGION

Trade and economic operations of the Chelyabinsk region with Japan Import

«Chelyabinsk Iron and Steel Integrated Works OJSC Sheet Corrosion»	←	Sheet corrosion-resistant steel
«Chelyabinsk Pipe-Rolling Plant» OJSC	←	Instruments
«Kyshtym Copper Electrolyte Plant» CJSC	←	organic compounds
«Teplopribor express Analiz» LLC	←	instruments
«Aphina» CJSC	←	equipment



Japan delegations' visits into the Chelyabinsk region

September – October, **2000** – «The First **Festival of Japan Culture** in the South Urals» with participation of Keidzi Ide, an advisor of the Japan Embassy in the Russian Federation

June, **2005** – The **representative delegation** of the industrial and trade companies – members of the Japan Association on Trade with Russia and New Independent Countries (ROTOBO)

June, **2005** – The **delegation** from the «**JETRO**» official representation

August – September, **2005** – The trade and economic **mission** of the representatives from the Kitakyusyu industrial enterprises and business circles

March, **2006** – The «ROTOBO» working group visit within the framework of the «Project On Consulting Assistance to Russian enterprises»



The Stages of Cooperation between the Chelyabinsk region and «ROTOBO» association

1st stage

Cooperation with the 10 regional industrial enterprises **within the framework of the Project on Consulting Assistance** («Teplopribor» OJSC and «Dova Technos» signed the contract to jointly output and sell measuring instruments)

2nd stage

Cooperation in using Japan technologies and equipment for **extracting metal from steel slag** through rest mineral share from road-building process and cement production (jointly with «GIPROMEZ» OJSC).
The Japan delegation participation in the International Industrial **Forum-Exhibition** entitled «**Industrial Enterprises Reconstruction – Breakthrough-Technology in Metallurgy and Machine-building spheres**»

3d stage

Signing «Memorandum On Cooperation» between the Economic Development Ministry of the Chelyabinsk region and «ROTOBO» association in respect of realizing the Russian and Japan **Ecological Project on Ecological Situation Improvement in the Chelyabinsk region** (June, 2007)



2nd Stage of the Cooperation between the Chelyabinsk region and ROTOBO association

The slag-heaps comprise:

- over **2.5 billion cubic metres** (6-7 billion tons) of various **rock formations**;
- **250 million tons** of the slag from concentrating and metallurgical processes;
- more than **100 million tons** of slag and ashes from energy-generating industries

«Chelyabgiprommez» OJSC and «NMD» corporation signed:

- **Memorandum** on Cooperation in realizing the project to reprocess slag from Ferrous metallurgy (**March, 2007**);
- **License agreement** on transferring technologies to reprocess steel slag (**June, 2007**)

According to the agreements realization, the following **results** are presumed:

- Enterprises **slag-heaps** accumulated for years **will be utilized** ;
- The **slag** will be **divided into mineral and metallic parts** (magnetic, submagnetic and non-magnetic ones);
- The **extracted metal quantity** will be more than **90%**



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Arrangements applied in the Chelyabinsk region to improve the ecological situation

Federal Ecological Target Programs:

«To Overcome The Consequences of Breakdowns Radiation Damage over the period till 2010»;
«To Maintain Nuclear Safety of the Chelyabinsk region over 2008 as well as till 2015» and some other

Regional Ecological Target Programs

«Nature-Preserving Arrangements to Improve Ecological Situation in the Chelyabinsk Region
- over 1997 – 2000»
- over 2001– 2005;
- over 2006 – 2010.
«To overcome the Consequences from Radioactive Breakdown in the Industrial Association
«Mayak» over 2003 – 2005
- over 2006 – 2010 and other

Industrial Enterprises Ecological Programs

These programs are realized by «MMK» OJSC, «ChEMK» OJSC, «Karabashmed» CJSC, «LAFARGE» OJSC, Troitsk Hydroelectric power station and some other

Fauna and Flora Preservation (including maintaining and developing more than 200 special protected regional territories)



Arrangements applied in the Chelyabinsk region to improve the ecological situation

Main Results:

Ejections into atmosphere are reduced by 2.4 times since 1990

Industrial and domestic sewerage level is reduced by 13% since 2002

The quantity of the enterprises having waste, ejections and sewerage higher than the standards established is reduced (from 42 units in 2002 to 12 units in 2008). Towards 2010 Practically all the regional enterprises will be in conformity with the ecological standards except two of the them

The investments to protect the regional environment are growing (as much as 3.3 times since 200). In 2007 the total investment volume was 2.4 billion roubles



The Working Group Activity to Improve the Ecological Situation in the Chelyabinsk Region (in respect of re-processing solid domestic waste and establishing alternative productions)

The working group was established by the Chelyabinsk region Governor through issuing the decree # 237-p dated 4 March 2008

March, 2008 – The first sitting of the working group (Chelyabinsk)

May, 2008 – The second sitting of the working group (Chelyabinsk)

June, 2008 – Rendering overall information in respect of the up-to-date Japan technologies to the official representatives from the Chelyabinsk region

August, 2008 – The third sitting of the working group (Chelyabinsk)

Till the end of 2008 – Two visits of the Chelyabinsk region technicians into Japan



Thank You for Your Attention!



CHELYABINSK REGION

The Chelyabinsk Region Foreign Trade Turnover as to Countries (%)

