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ИНФОРМАЦИОННО-ЭНЕРГЕТИЧЕСКОЕ АГЕНТСТВО

The development of the pellet production and trade in Russia 2012

Presented by

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The Russian wood pellet production has increased in Russia in 2012

- There were produced about **1 000 000** tons of wood pellets in 2011.
- The production volume of pellets is increased in 2012. Mainly thanks to Vyborg forestry corporation.
- Pellets from husk and peat are also made in Russia in 2012 as well as in 2011.

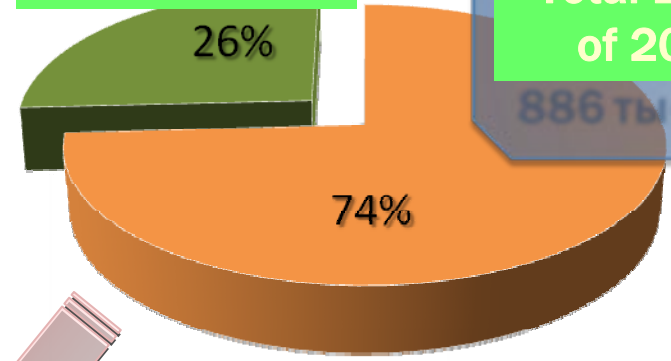
10 main wood pellets exporters (2011)

10 main exporters of wood pellets are big woodworking and forestry companies. They exported about 200 000 tons of pellets in 2011

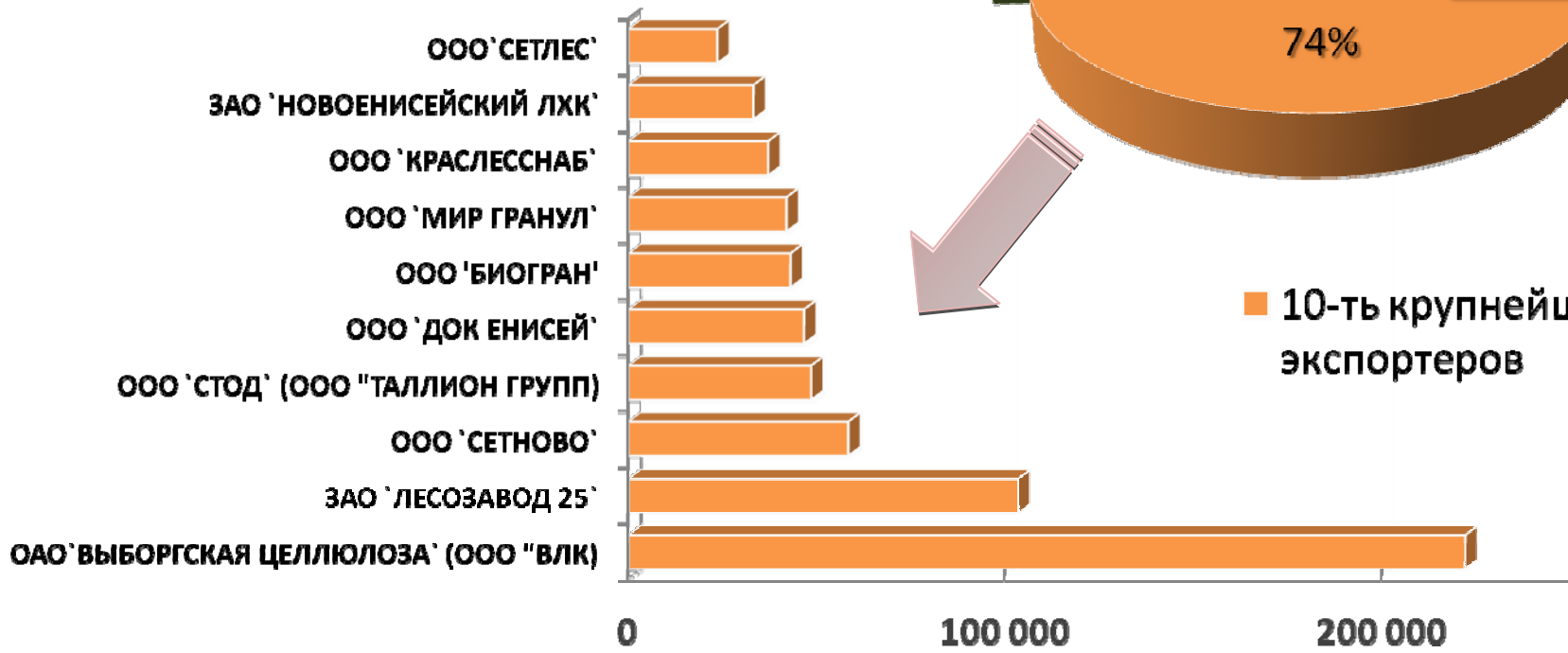
Part of 10 main exporters

Total Export of 2011

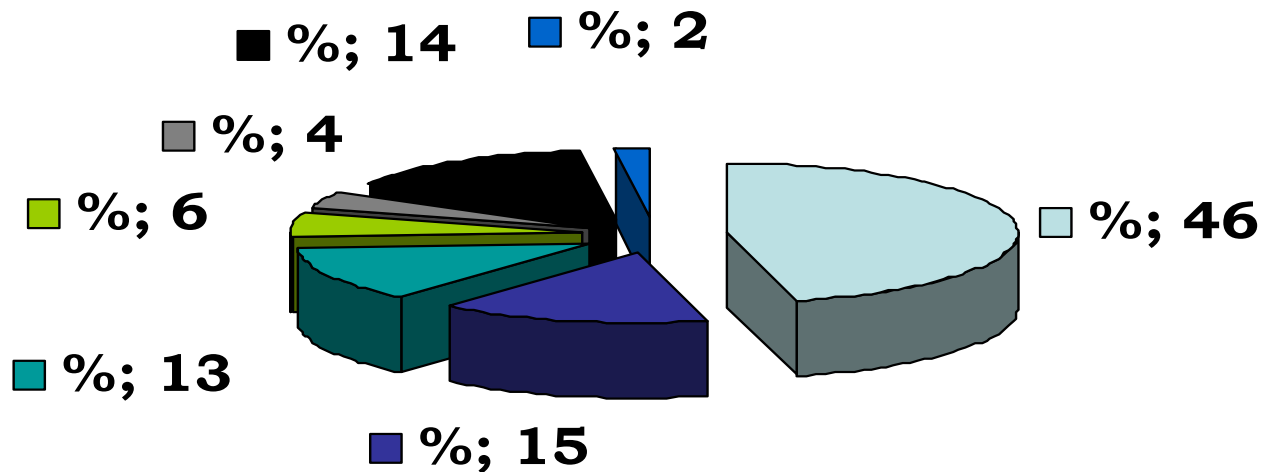
886 ТЫС. ТОНН



10-ть крупнейших экспортеров



Regional gap of exported pellets



■ Leningrad region
■ Archangelsk region
■ Vologda region
■ Others

■ Karelia
■ Novgorod region
■ Krasnoyarsk region (Siberia)

Vyborg forest corporation (VLK)

The biggest Russian pellet mill in Europe started operating in 2011



Photo from Lennart Ljungblom, The Bioenergy International



VYBORGSKAYA CELLULOSE (the new name is VLK) is located in the North-West Russia in Leningrad region near the border with Finland.

The annual capacity is 1 000 000 tons!

The plant is being constructed on a base of the pulp and paper mill

Investments are 100 000 000 USD

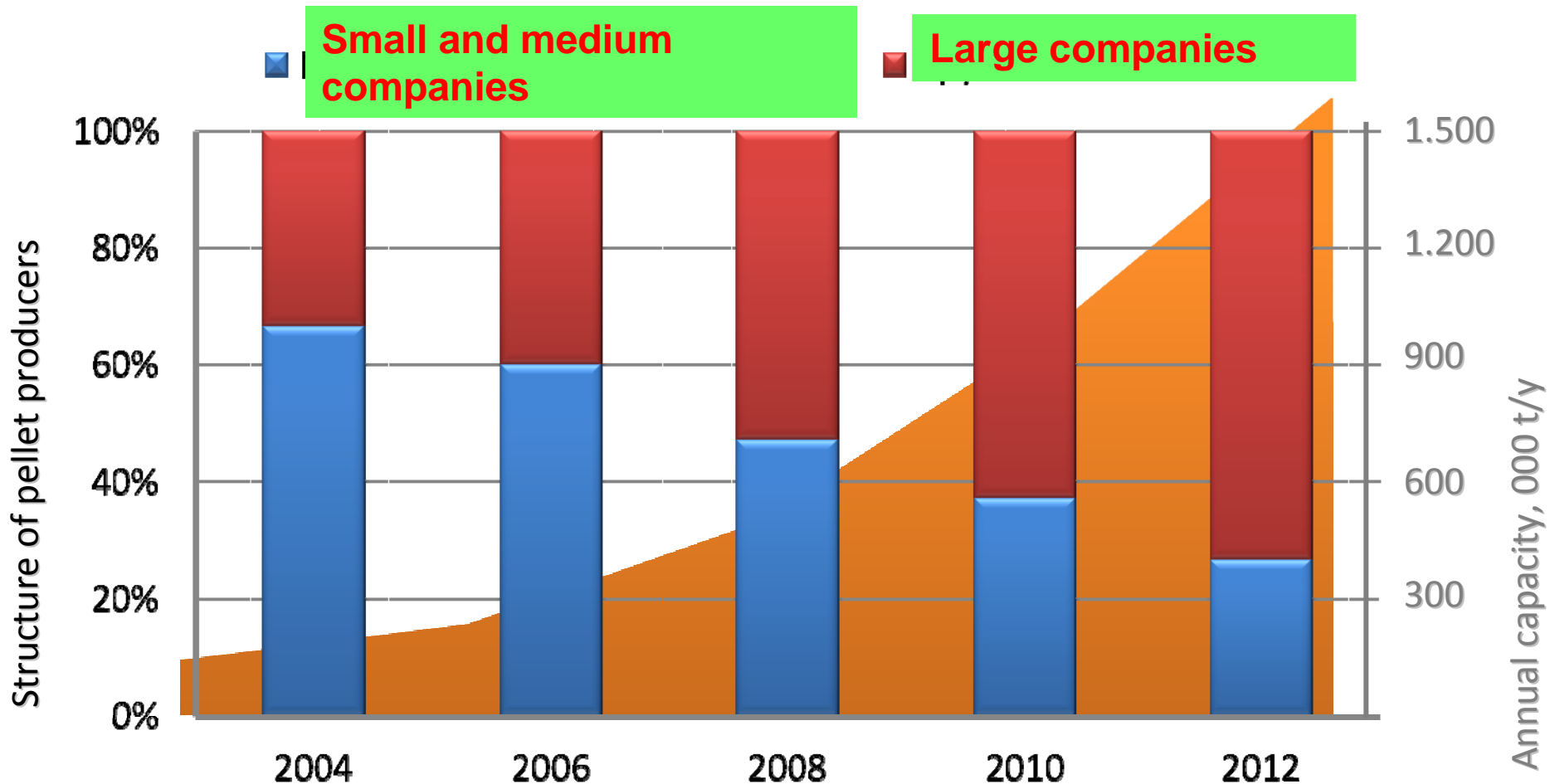
Pellets are produced out of round wood from North-West.

Ekman is the main pellet agent of VLK.

95% of produced pellets are delivered to European power stations.



Structure of wood pellet producers



Russian pellets are going to Europe by ships and tracks (some are exported by railway to Baltic states)

Pellets are exported from Russian North-Western ports mostly



Main harbors:

**Saint-Petesburg, Ust'-Luga,
Vyborg,
Archangelsk, Petrozavodsk**



Some pellets are exported though ports in Estonia, Lithuania and Latvia.

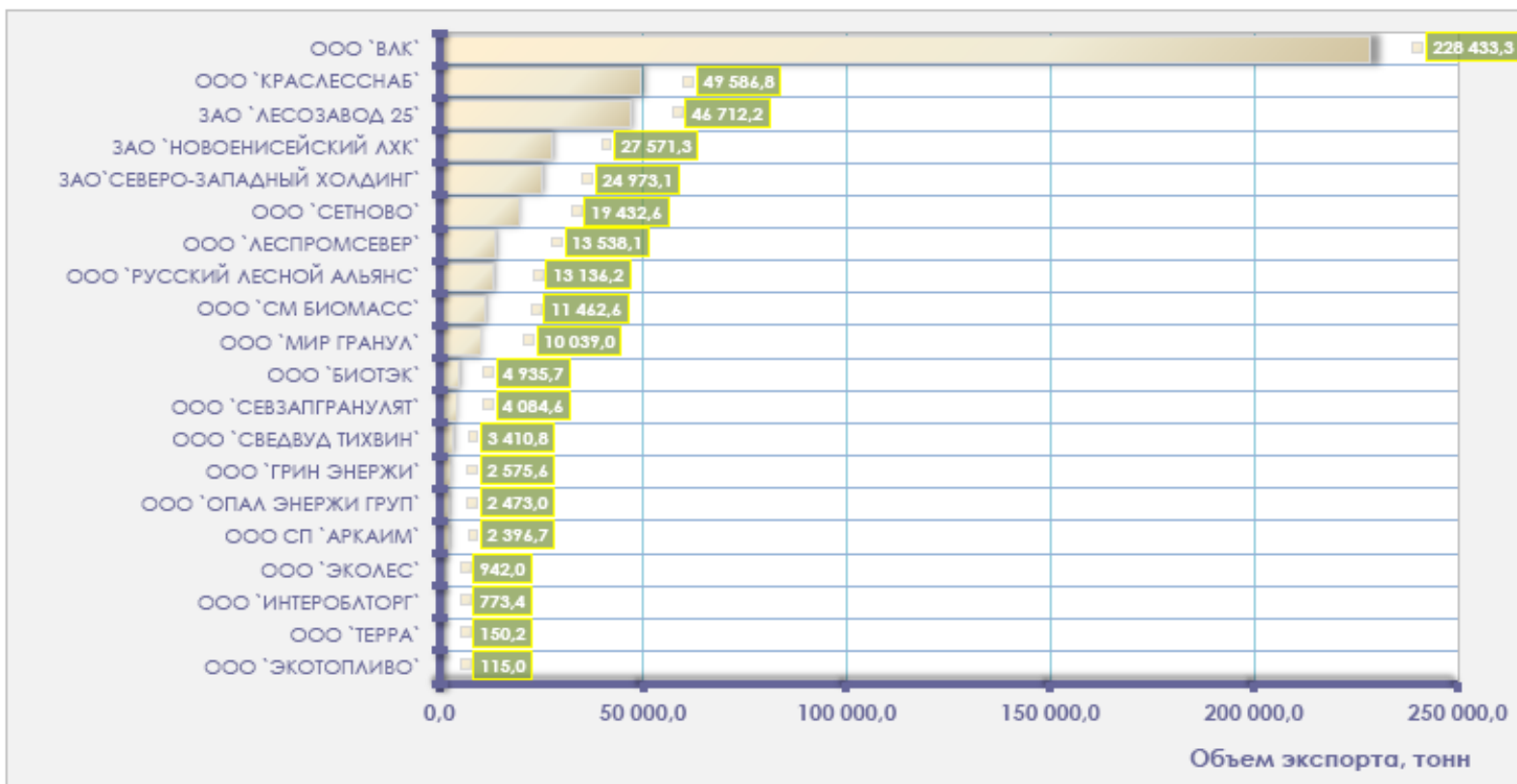


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The main exporters of wood pellets from Russia

Диаграмма А I-19:

Рейтинг экспортеров пеллет по объемам экспорта



January-July 2012

Source: The marketing report of NLARI

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Main European consumers of Russian wood pellets

CM BIOMASS PARTNERS A/S

Oresundskraft Kraft & Varme AB

STORA ENSO TIMBER AB

LDG FOREST GROUP & CONSULT

GERMAN PELLETS GMBH

VATTENFALL AB HIT

EKMAN & CO AB

RWE SUPPLY & TRADING

AB Fortum Värme samägt med Stockholms stad

S.SYR PEDERSEN AS

VAN LEER ENERGY B.V.

DONG ENERGY POWER A/S

MARITER OU

Consumer volumes

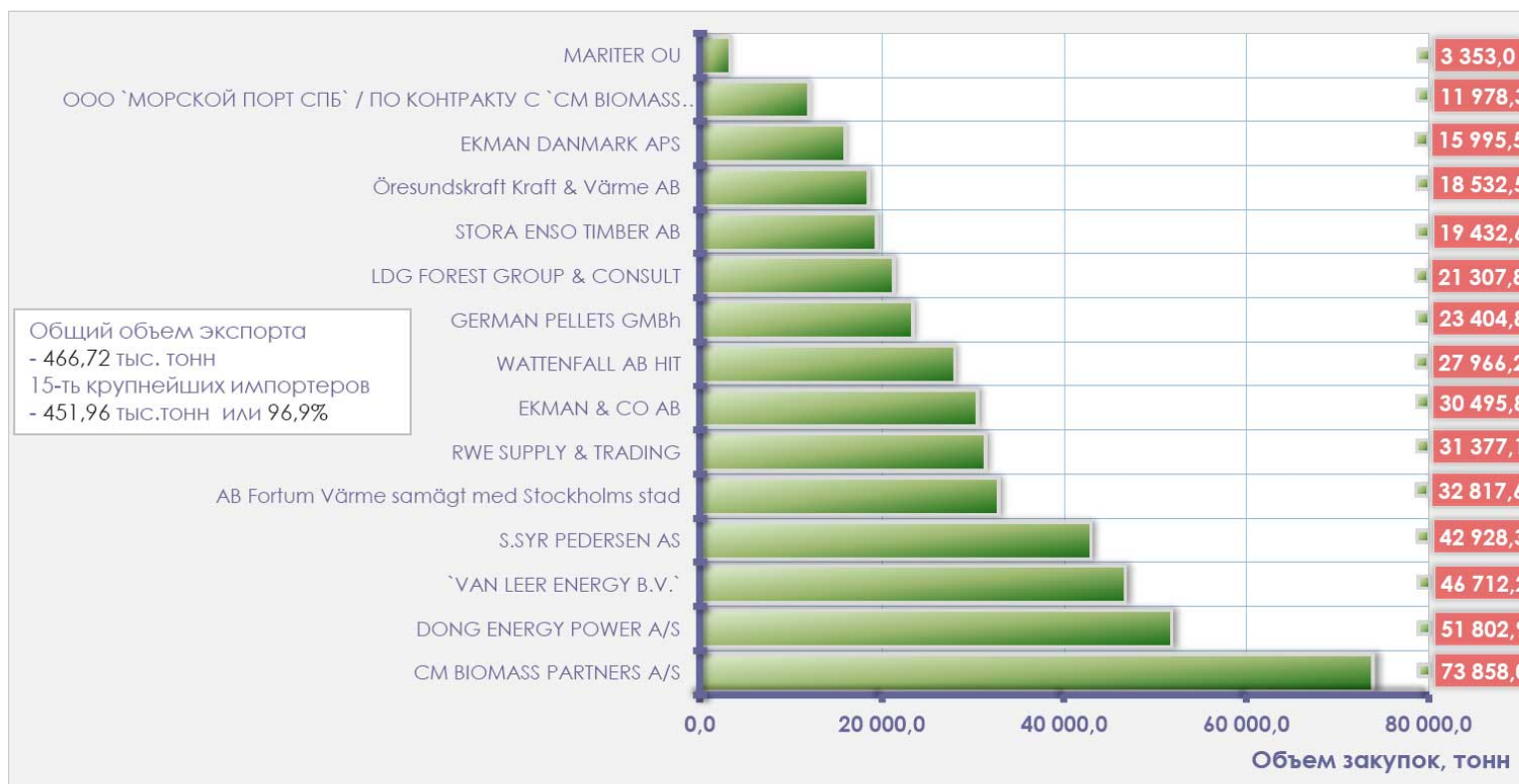
A. ЭКСПОРТНЫЕ ЦЕНЫ на ДРЕВЕСНЫЕ ТОПЛИВНЫЕ ГРАНУЛЫ

I. | СВОДНЫЕ ДАННЫЕ | морская отгрузка за I-е полугодие 2012

стр. 5:

Диаграмма A I-17:

Рейтинг 15-ти крупнейших импортеров pellets





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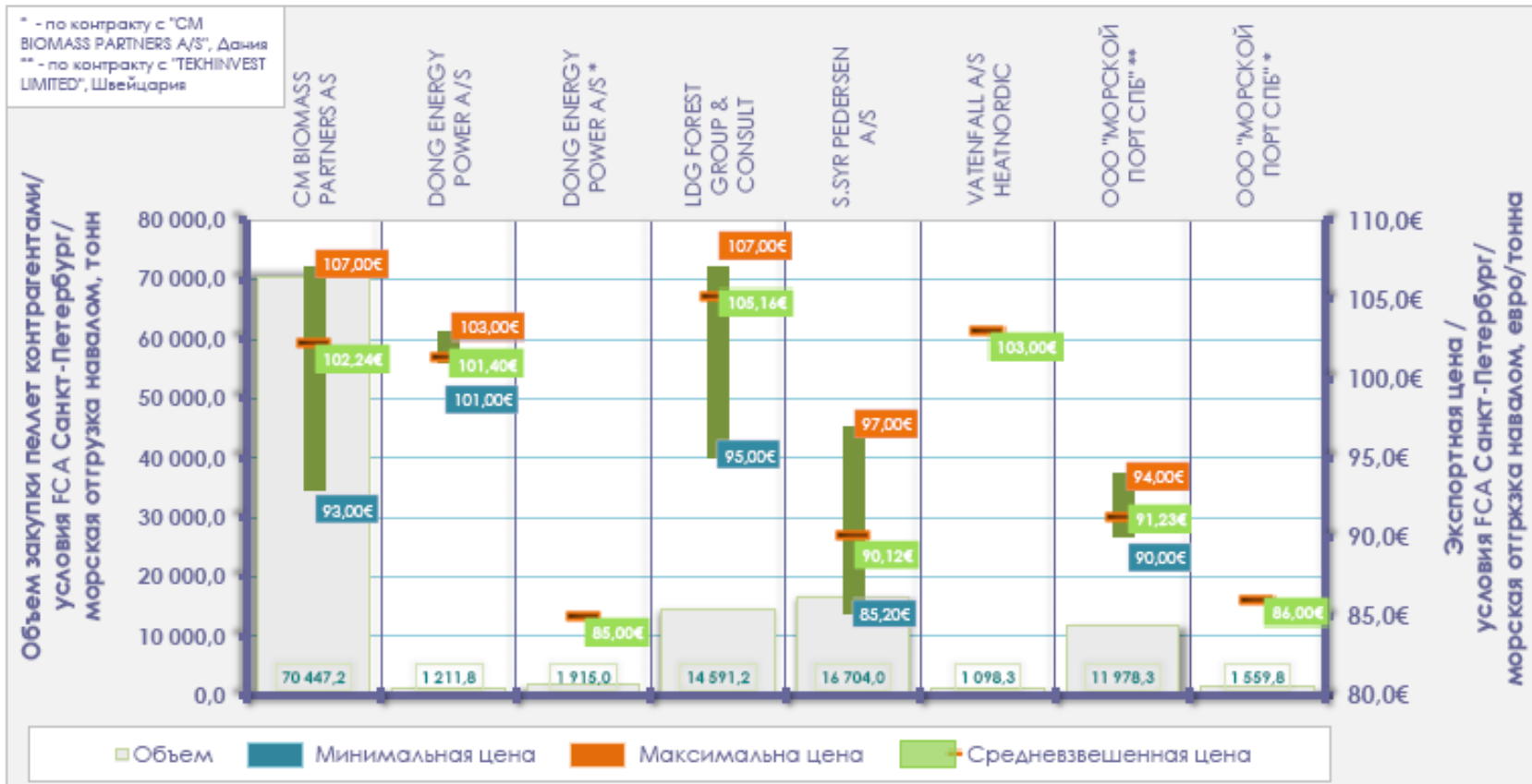
Prices on wood pellets

(FCA St.Petersburg, January-July 2012)

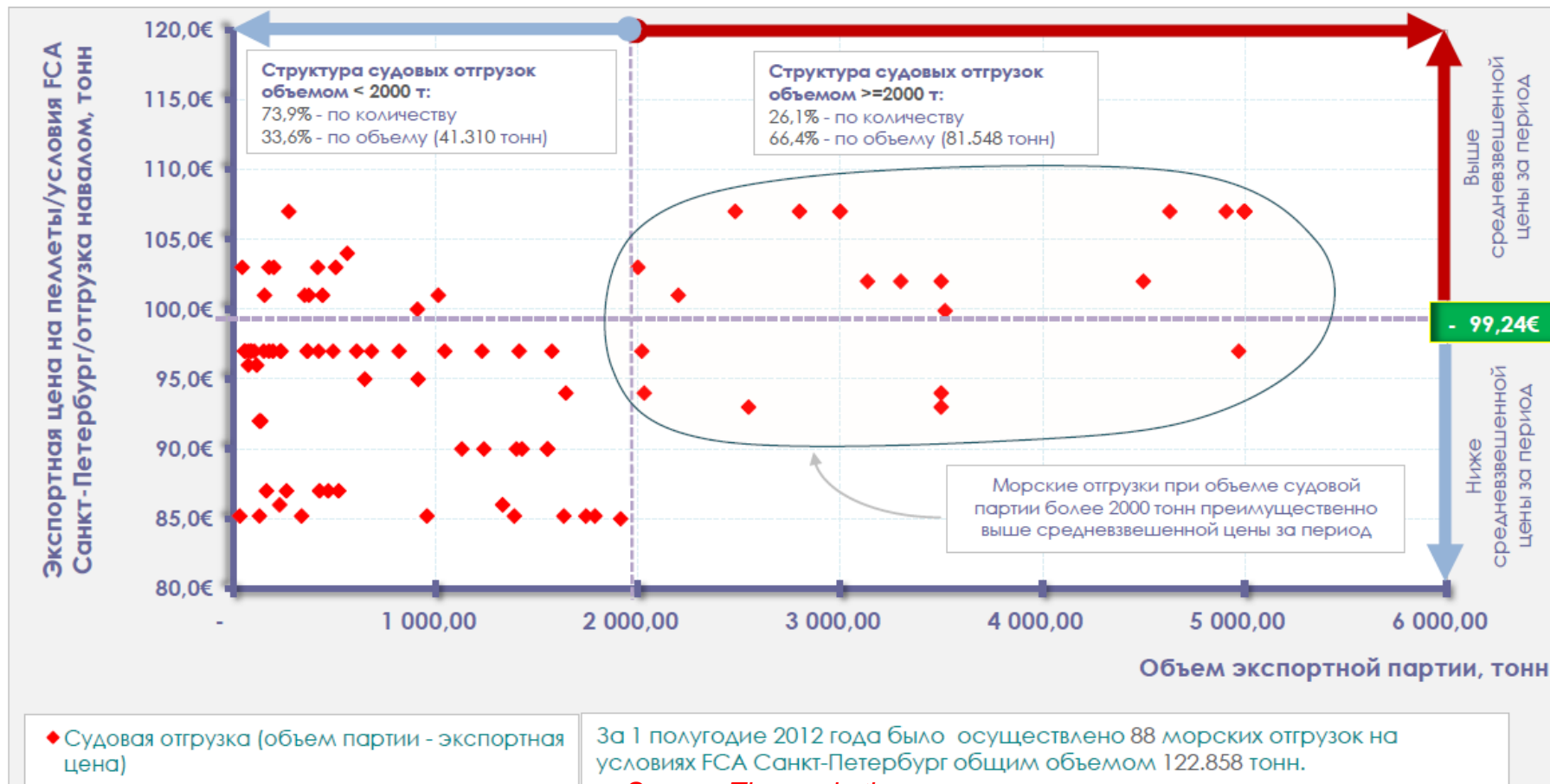
Диаграмма А I-3:

Покупатели пеллет: Диапазон цен и Объемы закупок

стр.



Export prices and shipment volumes correlation | port Saint-Petersburg | FCA



Source: The marketing report of NLARI

Far East of Russia



The company “Arkaim” (Khabarovsk region) announced a big project - the pellet plant with the capacity of **250 000** tons of wood pellets per year.

First pellets were produced in 2012

All produced pellets are exported to South Korea from Vanino port in Far East



Conclusion

- There is a great biomass potential in Russia
- The pellet business is becoming bigger, large companies develop the pellet production
- Not only wood, but also peat and husk pellet production is developing in Russia



The Bioenergy International. Russia

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The Bioenergy International. Russia is a popular magazine in bioenergy in Russian

Circulation is 5000 copies

info@infobio.ru

The collage displays multiple issues of the magazine, highlighting its content diversity. Key headlines include:

- РОССИЙСКИЕ ДАННЫЕ ПРОТ...** (Russian data on...)
- ПРОИЗВОДСТВО МЕДИЦИНСКИХ КОСМЕТИЧЕСКИХ СРЕДСТВ В РОССИИ** (Production of medical and cosmetic products in Russia)
- В РАЙОНЕ ПУШКИНО РАБОТНИКИ СЖИГАЮТ ПРОФИТНОСТИ И УИДЕ...** (In the Pushkino region, workers burn profits and...)
- СПАСИБО ЗА ЗАП РОССИЙСКИМ БИЗНЕСИМ** (Thank you for the Russian business)
- МАШИНЫ НА БИОТОПЛИВЕ** (Machines on biofuel)
- В РАЙОНЕ ПУШКИНО РАБОТНИКИ СЖИГАЮТ ПРОФИТНОСТИ И УИДЕ...** (Another instance of the Pushkino headline)
- МАШИНЫ НА БИОТОПЛИВЕ** (Another instance of the biofuel machines headline)

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“OPEN MARKET” analytical report



“OPEN MARKET” project provides analytical information about Russian pellet market.

- current prices
- logistics
- production volumes
- “seller-buyer” chains

“OPEN MARKET” is published twice a year.

Subscription is available for the Russian and English versions on www.infobio.ru (info@infobio.ru)

THANK YOU FOR YOUR ATTENTION!

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