



Export of biomass from Russia in the context of climate change policies

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Core activities

- **Sustainable development of the forest sector**
- **Customs cooperation**
- **Timber port logistics**
- **Trade facilitation procedures**
- **Biomass trade logistics**



Recent activities in 2003

- **Conference on “Sustainable development of the Forestry Complex of Northwest Russia and expanding interaction with EU countries in environment protection”**
(11- 12 September, St. Petersburg)
- **Workshops at the 5th International Forestry Forum “Russian Timber Complex in the XXI century”**
 - On Timber Port Logistics
 - On Sustainable Development(14-18 October, St. Petersburg)
- **Conference on “Sustainable Development Strategies at enterprise level”**
(9-10 December, St. Petersburg)

The Russian Federation



✈ international airport



Biomass as Alternative Energy

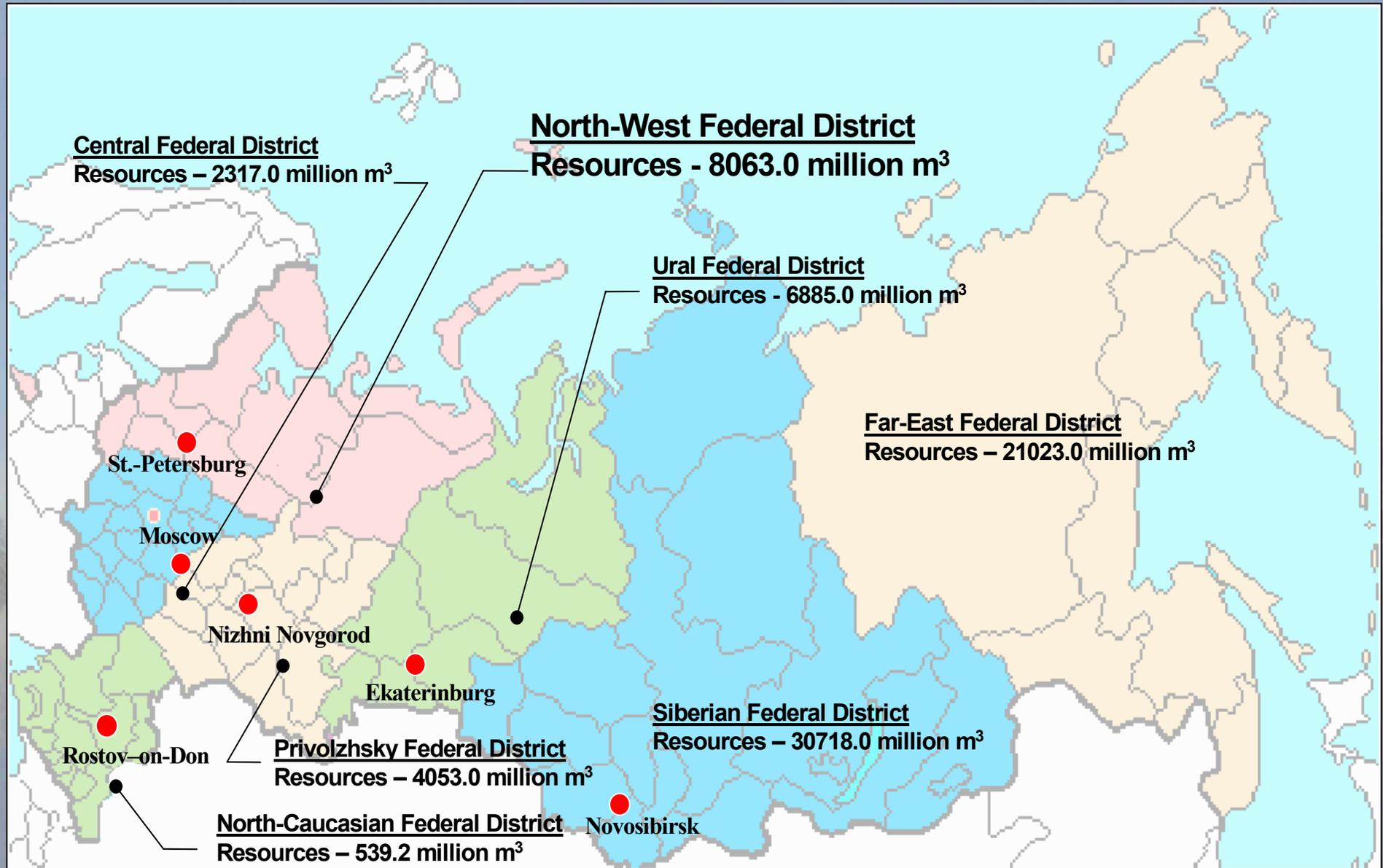
“Organic matter available on a renewable basis including forest residues, wood and wood waste.”

Vast forests resources





Timber Resources of Russia

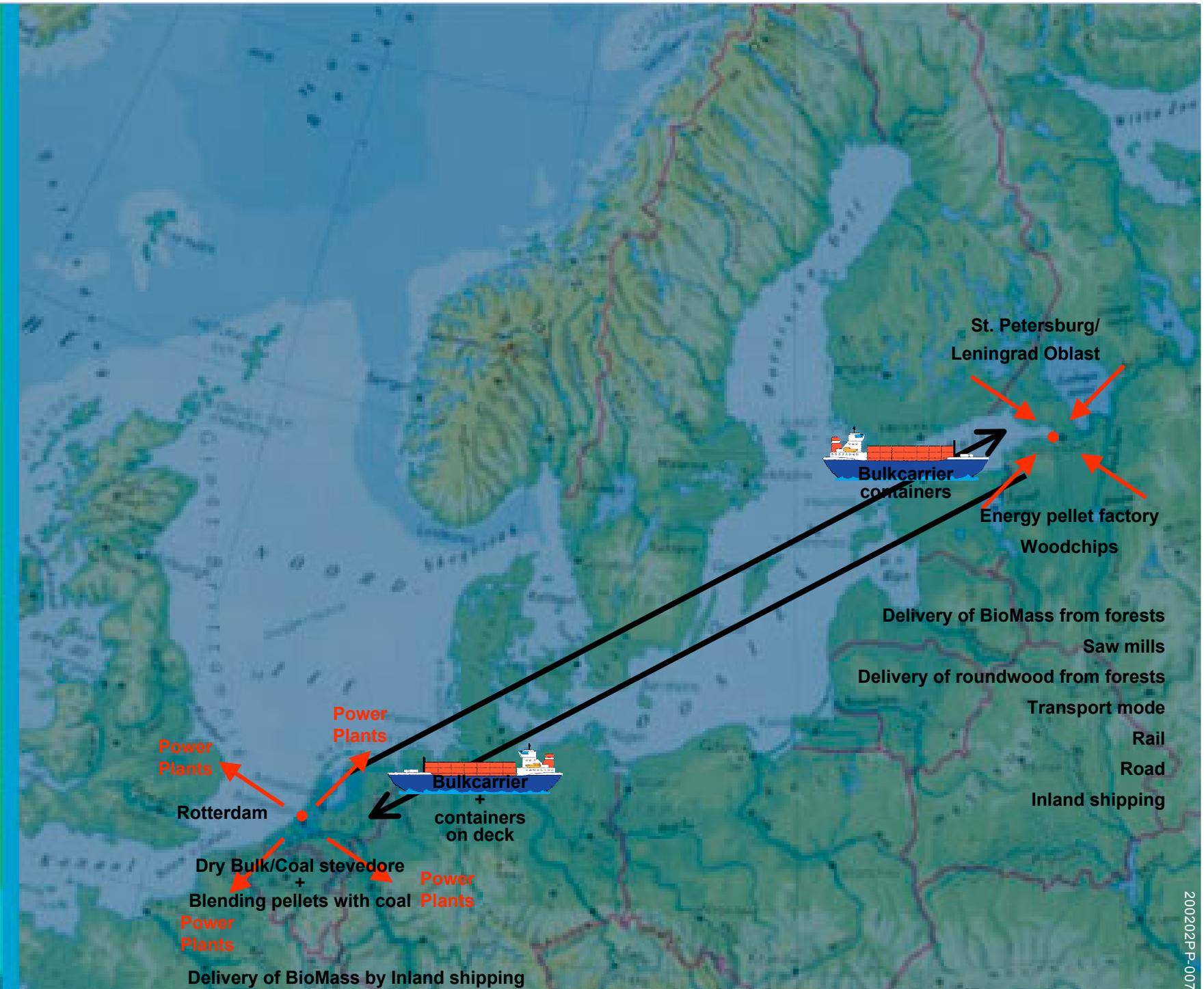


Biomass



EMO terminal Rotterdam





One of the final destinations



**Amer powerplant
water depth 4 m.
expected volume
biomass approx
1 million tons**



Large scale international bio-energy trade

Advantages:

- **CO₂-neutral biomass resources are utilised efficiently on a large scale**
- **New markets may generate substantial income sources for relatively poor world regions**
- **Energy markets world-wide may become more stable due to a large number of energy suppliers compared to the current situation**



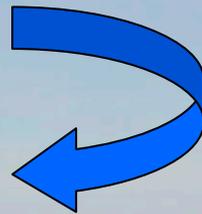
Bio-energy trade

- **Direct transport of biomass materials**
(chips, logs, bales)
- **Intermediate energy carriers**
(such as bio-oil or charcoal)
- **High-quality energy carriers**
(such as ethanol and methanol, or electricity)



A new market opportunity

Bio-trade schemes have a very large potential to mitigate GHG emissions and contribute to sustainable development



They could be a key component of the future world's energy system



Opportunities

- **Sustainable logistics chain**
- **Certification of woody biomass**
- **Coordinated approach**
- **Training at enterprise level**



For further information:

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