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Global Wood Pellet Markets

The existing and future markets for carbon beneficial solid fuel and
the emerging markets for biogenic carbon solutions

145 pages, 91 charts and figures, 32 tables of data

Produced by

FutureMetrics™



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Introduction

This report provides the foundation and context for good strategic decision-making regarding the use of sustainably sourced bioresources to replace coal and coal derivatives.

This comprehensive report encompasses the well-established markets for pellet fuel for power generation and the emerging markets for the use of highly carbonized woody biomass as a carbon emissions beneficial replacement for coal and coke in iron ore refining.

Both solutions are based on and already well-established global supply chain that produces and delivers tens of millions of tonnes per year of sustainably sourced bioresource derived refined fuel pellets.

The report discusses pellet fuel pricing, pellet fuel suppliers, the markets for pellet fuels, and the general benefits and pitfalls of producing and using pellet fuels.

As this report will illustrate, there is already a robust pellet production infrastructure across the globe that is supplying tens of millions of metric tonnes per year of pellet fuel.

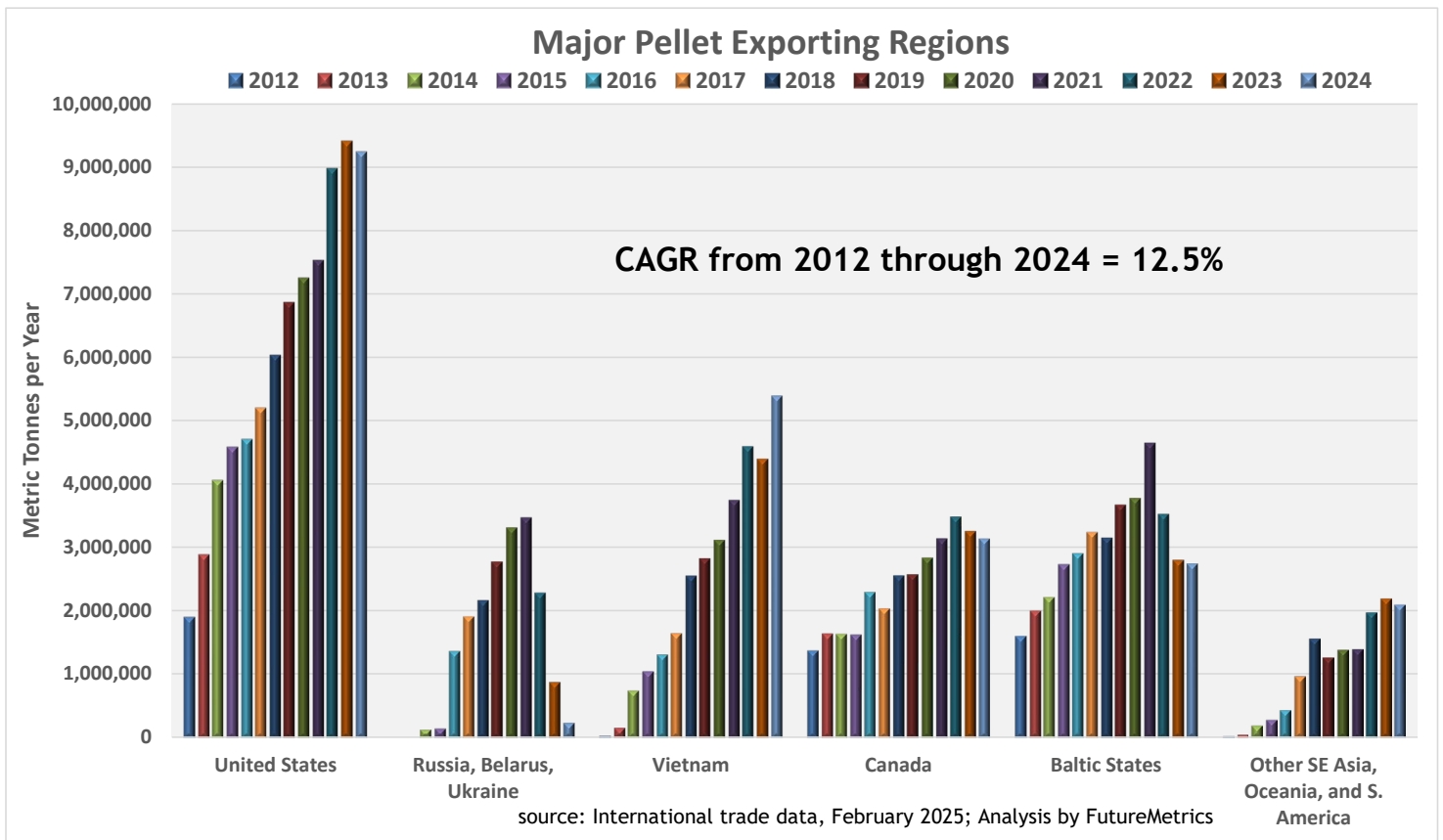


Figure 1 – Global Pellet Exports by Region

Sustained and future growth in the demand for pellet fuels across the world is highly likely. In the transition to a decarbonized future, pellet fuels for on-demand power generation, and as the fuel source for carbon capture and storage projects, will be a critical part of the portfolio of CO₂ emission reduction solution pathways.

However, emerging markets for biogenic carbon to replace geologic carbon for iron ore refining will generate new demand. As is discussed later in this report, the existing white pellet supply chain will be a critical part of the decarbonization of the steel making industry.

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The rest of this document contains a large amount of information compiled from many sources.

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