Biochar yield and quality is assured by setting temperature and oxygen during conversion.

C6 Systems has developed a novel technology to convert slash piles to charcoal (biochar) on site.

Our scalable, flexible, low-cost system overcomes the high transportation, production and capital investment costs that have limited alternative approaches.

80 million green tons of slash (wood waste) processed by C6 Systems would yield an estimated $2.8 billion in annual revenue.

A single crew (3-4 persons) processing 15,000 tons of this material would produce an annual profit of $525,000.

There are billion dollar markets that we can sell into today.

C6 Systems’ high-quality biochar can be sold as an energy source for heating/electric plants and as a soil amendment, a high-revenue emerging market.

The C6 System team is positioned to be a leader in the biochar market.

Our team has developed strategic relationships with key feed stock suppliers and potential buyers, while nearly $2 million in federal funding has resulted in invention disclosures filed by the University of Washington Center for Commercialization.

Slash Piles Into Cash Piles

In the United States, forestry activities produce over 80 million green tons of slash (wood waste) annually, which is commonly burned. The renewable energy in this material is comparable to the annual production of oil from Alaska’s North Slope.

No technology has emerged to economically utilize this material.

Impacts: C6 Systems vs. Status Quo

Slash is already on landing sites as a result of sustainable forestry operations. Sufficient slash is left in the forest to maintain soil productivity and habitat.

Current burning of slash reduces air quality as a result of smoke and particulate emissions.

Displaces Fossil Fuels Reduces Net Carbon Emissions

Improving soil fertility Carbon sequestration

Carbon C Systems

Electrity/Heat

BioChar

Soil Amendments