



What biochar made from?





How is biochar made?





What can biochar be used for?





Soil enhancement

As animal feed, biochar improves:

- digestion
- growth rates
- immunity
- feed and energy efficiency

while reducing:

- methane production
- chronic botulism

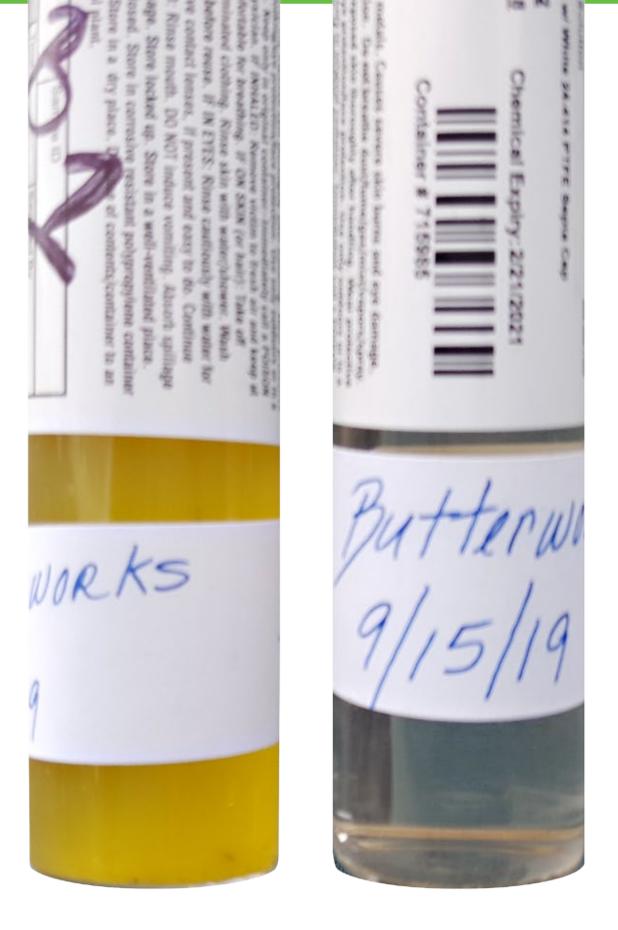


What are we using our biochar for?



Filter installation





PRE- and POST-FILTER
90-98% phosphorus
capture

Vermont Agriculture Secretary Anson Tebbetts



Why Green State Biochar's filters matter!





Who are our our customers?



FARMERS

Increase crop yields
Build healthier soils
Filter media to capture phosphorus



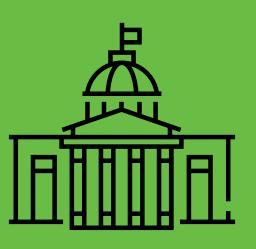
CONSUMERS

Homeowners

Gardeners

Landscapers

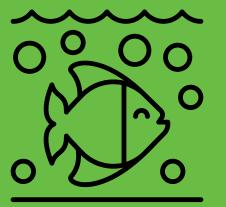




LOCAL & STATE MUNICIPALITIES

Filter media for heavy metals for mine reclamation and storm water runoff

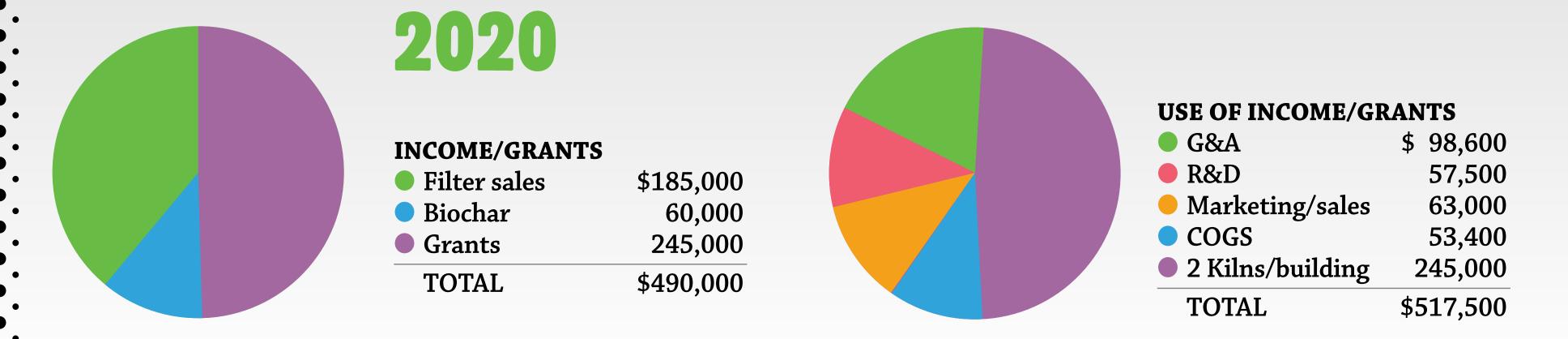
Riparian buffer zones at public boat accesses

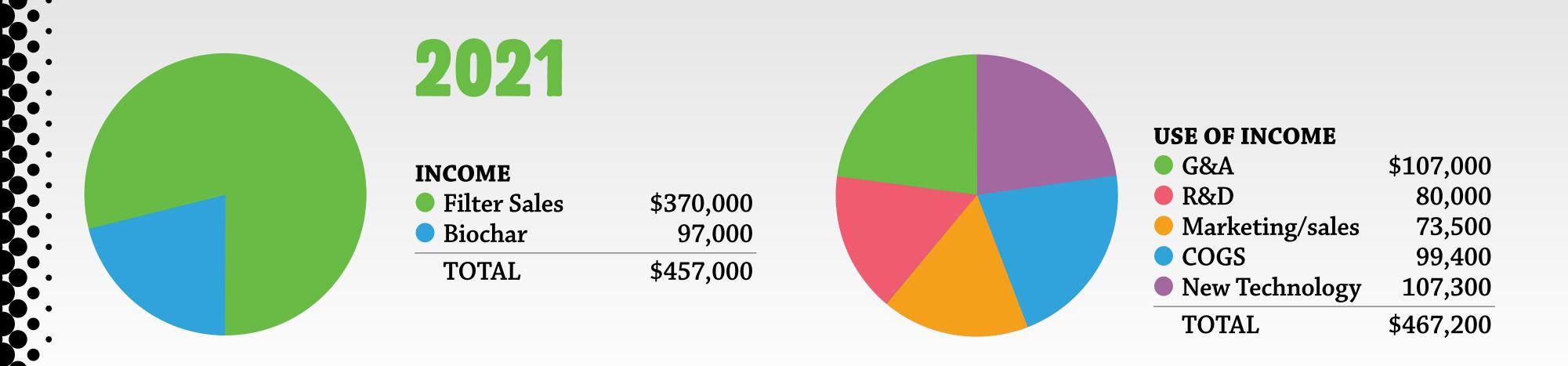


ANYONE WHO USES, LOVES OR NEEDS CLEAN WATER!



Projections







2022: 5-10% growth

What's next?

- **1.** Bring attention to the **importance of reducing municipal waste streams** and transforming them into a usable resource.
- **2. Secure funding** to build the Soil Conditioner Injection System.
- 3. Demonstrate that not all manure injection systems are created equal.
- 4. Continue working with our state's engineers to get our filters into the best management practices program.
- **5. Continue to produce biochar and install filters** on farms to capture runoff.
- 6. Build two new kilns for which we have received funding.
- 7. Market and sell biochar to consumers.



Team Biochar



ROGER PION
GREEN STATE BIOCHAR
Founding Partner
and Operator



JOHN FORCIER
PRESIDENT,
FORCIER CONSULTING
ENGINEERS



LUKE PERSONS
GREEN STATE BIOCHAR
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Recognized expert in
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and biochar



DONNA PION
GREEN STATE BIOCHAR
Founding Partner
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Manager



TODD CAMPBELL
PRESIDENT, CLEAN
ECONOMY WORKS
A transplant to
Vermont from a small
town in Iowa



Thank you!

