

JACK DANIEL'S SUSTAINABILITY



Slide 1

- 1 _Marked as done_
Larry Combs, 9/20/2022
- 1 @larry_combs@b-f.com I have integrated your slides into the overall presentation. If you have edits. please mark them in this presentation. Thanks!
Reassigned to Larry Combs
Jaclyn Ficcaglia, 9/20/2022
- 2 _Re-opened_
Made changes to slide 54.
Larry Combs, 9/20/2022

OUR COMMITMENTS



Climate Action

We are committed to reducing greenhouse gas (GHG) emissions across our owned operations and supply chain. Our goal is to halve our emissions by 2030 and become net-zero GHG emissions by 2045.



Water Stewardship

We are committed to protecting the health of key watersheds in our communities. Our goal is to ensure that 100% of our high-risk and business critical watersheds achieve water balance by 2030.



Circularity

We are committed to zero waste and transforming the way we conduct business using circularity principles, designing out waste, and keeping products and materials in use.

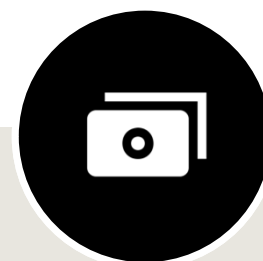
PLANNING IS OUR FOUNDATION



ROBUST INTERACTIVE
PROCESS



DATA BASED



DEFINES OUR
CAPITAL STRATEGY

RECENT INVESTMENTS



2015
Construction of
second distillery



2017
Construction of
onsite grain
storage



2018
Bottling and
Shipping
Expansion



2019
JD2 Expansion

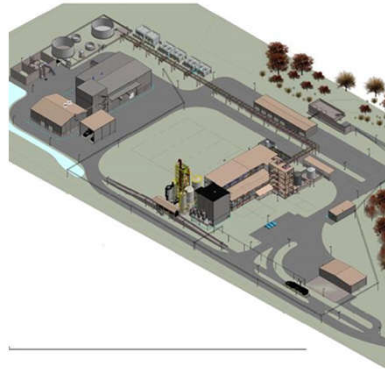


2022-23
Warehouse
Construction

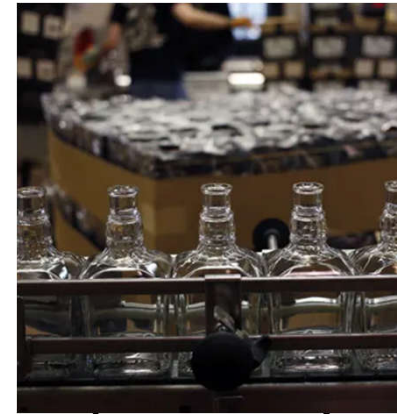
BUILDING FOR FUTURE GROWTH



**Additional
warehouses to
meet demand**



**Increasing distilling
capacity by 40%**



**Incremental
bottling capacity
and finished goods
storage**

GROWING SUSTAINABLY



Tiny Moore County earns \$100 million plus solar farm investment

ON APRIL 13, 2021 • (3 COMMENTS)



75%
of total electricity
usage will come
from solar farm

Fleet of more than
200 vehicles
will be converted to
electric and/or CNG

GROWING SUSTAINABLY

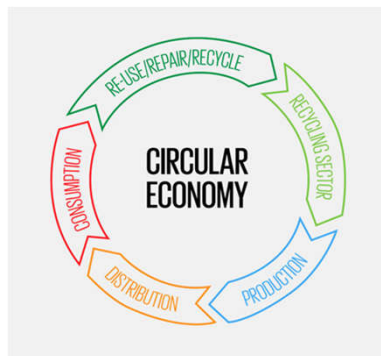


\$180 Million
in combined investment
by partners to support
Jack Daniel's growth

75-85%
of Jack Daniel's natural gas
will be supplied by the
digester

43,000
acres of farmland could
potentially be supported
by fertilizer created

\$7 million
potentially saved by local
farmers deferring cost of
commercial fertilizer



Zoning Appeals Board approves 3 Rivers Energy land use exception paving the way for anaerobic digester

ON AUGUST 17, 2022 • [LEAVE A COMMENT](#)

LYNCHBURG, Tenn. — It's a process that required a town hall, a public hearing, and eight rounds of roll call voting at three separate Metro Council meetings but on Tuesday, the Metro Board of Zoning Appeals approved a special land use exception application paving the way for an anaerobic digester to be built in Lynchburg. The AD would take raw stillage from the distillery and convert it to both natural gas and fertilizer.

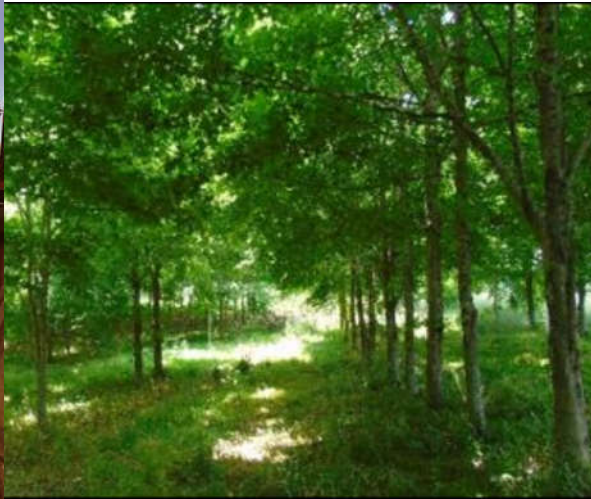
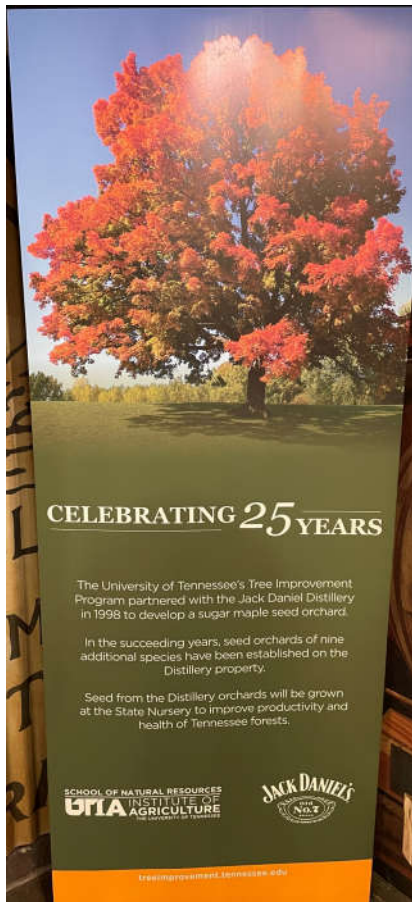
It's a move the Metro Planning Commission originally recommended to the Metro Council during their June meeting. In the July meeting, the Council approved the second but not the third required vote on the land use exception. On Monday, the Council approved the third of three required readings of a resolution adding a land use exception to the Metro Zoning Ordinances allowing a "distillery by-products processing facility" on land zoned A1 (agricultural).

The exception is similar to one recently granted to Silicon Ranch for a solar farm project in Moore County. During the July meeting, Mayor Lewis explained that the Metro Planning Commission, following the lead of the Metro Council after the solar farm zoning, chose the agricultural exception as opposed to an industrial rezoning to ensure that if the AD Plant were to ever be decommissioned, an industrial project could not take its place.



3 Rivers Energy provided this photo of anaerobic digester tanks similar to those proposed in Lynchburg. (Photo Provided)

GROWING SUSTAINABLY



25 year
partnership with The
University of
Tennessee's Tree
Improvement Program

Seed orchards of
10 species
have been established on
Distillery property

Seeds from
65+ acres
of orchards will produce
seedlings for reforestation
throughout the State of TN
for years to come

30 acres
of orchards committed to a
conservation easement in
partnership with the
TN Land Trust





Steam Trap Replacement

- Identified and replaced 63 faulty steam traps and 7 failed isolation valves
- New trap and valve assembly allows isolation and replacement without shutdown
- Online inventory with App to track preventative maintenance
- A 1.3-year payback on ~\$200,000 investment
- Reduced CO2e footprint by over 9,000 tons over 4 years

GROWING SUSTAINABLY – MAINTENANCE

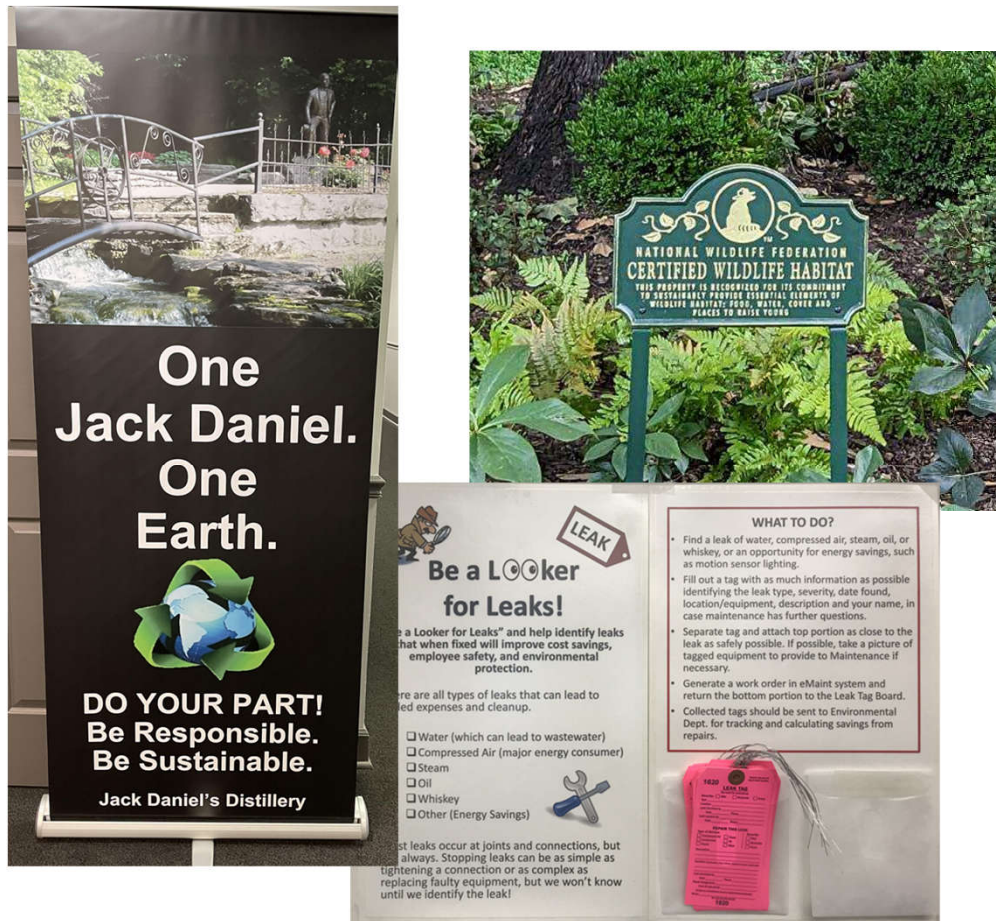


Dryhouse Heat Recovery

- Utilizes flash steam and clean condensate that was previously vented to be captured and re-used
- Reduces energy demand and water treatment by returning condensate water to boilers
- A 4-year payback on ~\$600,000 investment
- Reduced natural gas usage and CO₂e footprint by ~172,000 MCF and over 10,000 tons over 4 years respectively



ADDITIONAL SUSTAINABILITY ACTIVITIES



- Zero waste to landfill for over 10 years
- National Wildlife Federation Certified Wildlife Habitat areas
- “One Jack Daniel. One Earth.” campaign and employee recognition
- “Looker for Leaks” program
- Leadership Sustainability Committee
- Earth Day Activities

