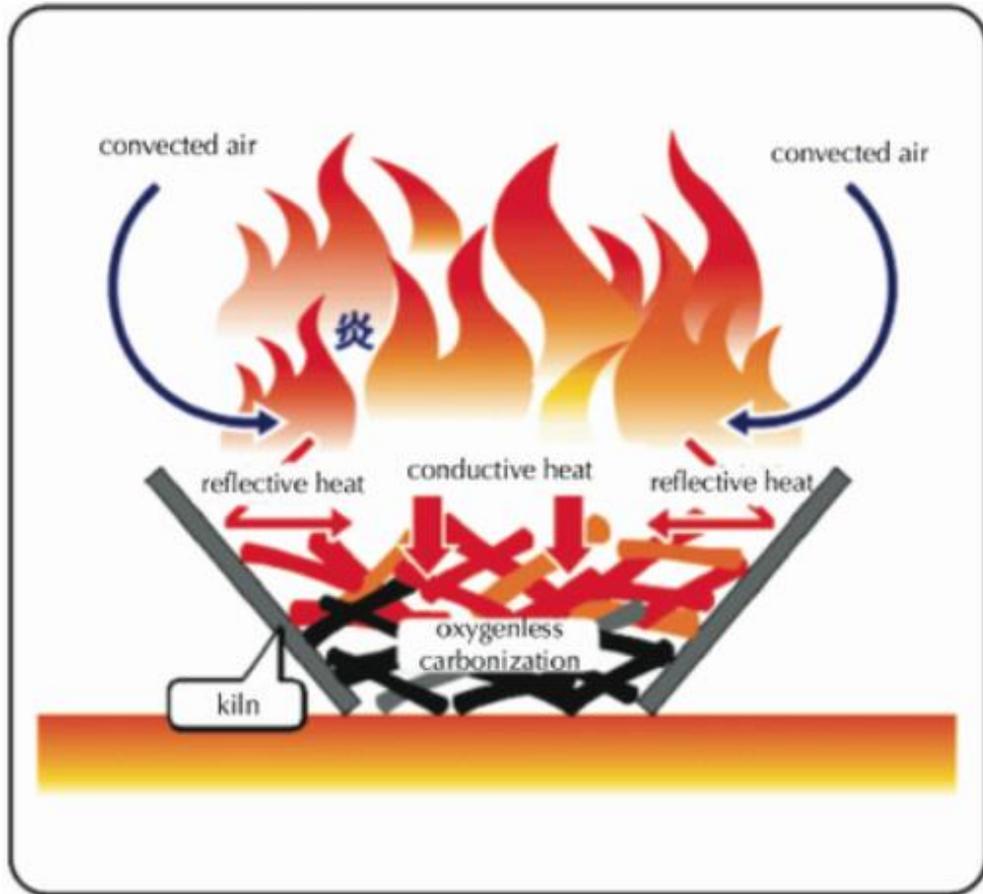


MVC BIOCHAR VISION FELLOWSHIP



Flame-Cap Kiln



Smokeless Carbonizing Kiln Charring Schematic

MOKI Manufacturing Co. Ltd.
Nagano, Japan



Feed and Quench: Daisy Chain Flame-Cap Kiln



Biochar / Climate Action Plan

- Recycle woody waste from:
 - Storm damage
 - Blight
 - Invasive removal
 - Demolition
- Flame-cap kiln = low impact land stewardship
- Increase local agriculture
- Sink carbon
- Decrease GHGs from burning / transportation
- Capture nutrients from waste stream – farms, septics
- Clean waterways
- Concrete aggregate in lieu of sand
- Co-gen Plant - produce electricity



October Kiln Analysis at John Keene Excavation

- Carbon sequestration: carbon in vs carbon out
- Kiln Emissions: DEP regulations
- Dry vs Green Feedstock
- Best Practices Manual
- Generate several tons of biochar



PHASE 2 :
Charging Biochar

PHASE 3: Soil
Tests (IGI) / water
treatment

NUTRIENT SOURCES:

- Compost
- Urine
- Manure
- Waterways



PHASE 3 : SOIL TESTS



WINTER FARM DEMOS

Feedstock sources

- John Keene brush
- refuse centers brush
- Biodiversity Works Invasives
- arborist prunings
- South Mtn. Co. scrap wood

COMMUNITY BIOCHAR BURN

Gather around the
fire to honor the
transition of seasons

Saturday,
Jan 13
11:30am
- 4:30pm

Rain/snow/wind date:
Sun., Jan 14

Drop-in at any time!

Family-friendly

Sound Bath at 3 pm



NATIVE EARTH TEACHING FARM

94 North Rd. Chilmark, MA | 508-645-3304

email for more info: craig@mvcommission.org

Maggie Craig

- 202-262-8493
- craig@mvcommission.org

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