

A photograph of a field filled with green plants and numerous bright red poppies. The field is in the foreground and middle ground, with a dense line of trees and a forested hill in the background under a clear blue sky. The text "BIOCHAR activatie" is overlaid in the center of the image.

BIOCHAR activatie

Experimentele opstellingen



Trek regulatie bepalen





Een eerste
proef met een
geslaagd TLUD
system



Een blik in
het pyrolyse
verkolings-
proces

Verkoolde stro

Na verkoling meteen blussen



Tinkelende resultaat



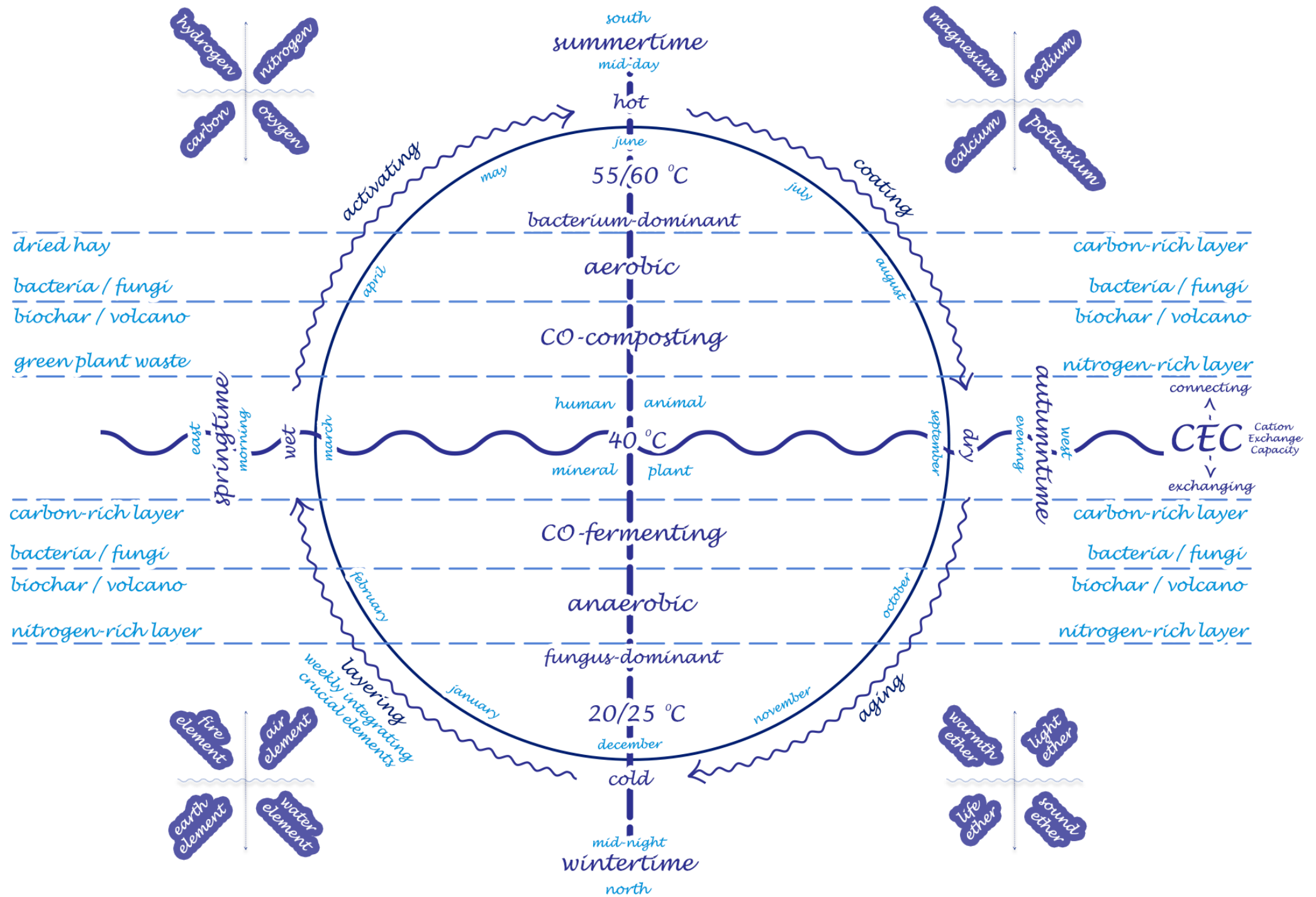


Bio-char & Lavameel





- Biologisch uitgangsmateriaal
- Pyrolyse oven / Pyreg.de
- EU gecertificeerd



Co-composting -
laag na laag
opgebouwd.
Laag 1 - hooi van
de vorige keer



Co-composting -
laag 2 met
geruimde
kruiden



Co-composting -
3^e laag met
broodkruimels
en zaden



Co-composting -
laag 4 met o.a.
stikstof rijke bio
afval groenten



C0-composting -
koolstof voor
het opscheppen



Co-composting -
laag 5 met de
koolstof



Co-composting -
laag 6 met
lavameel

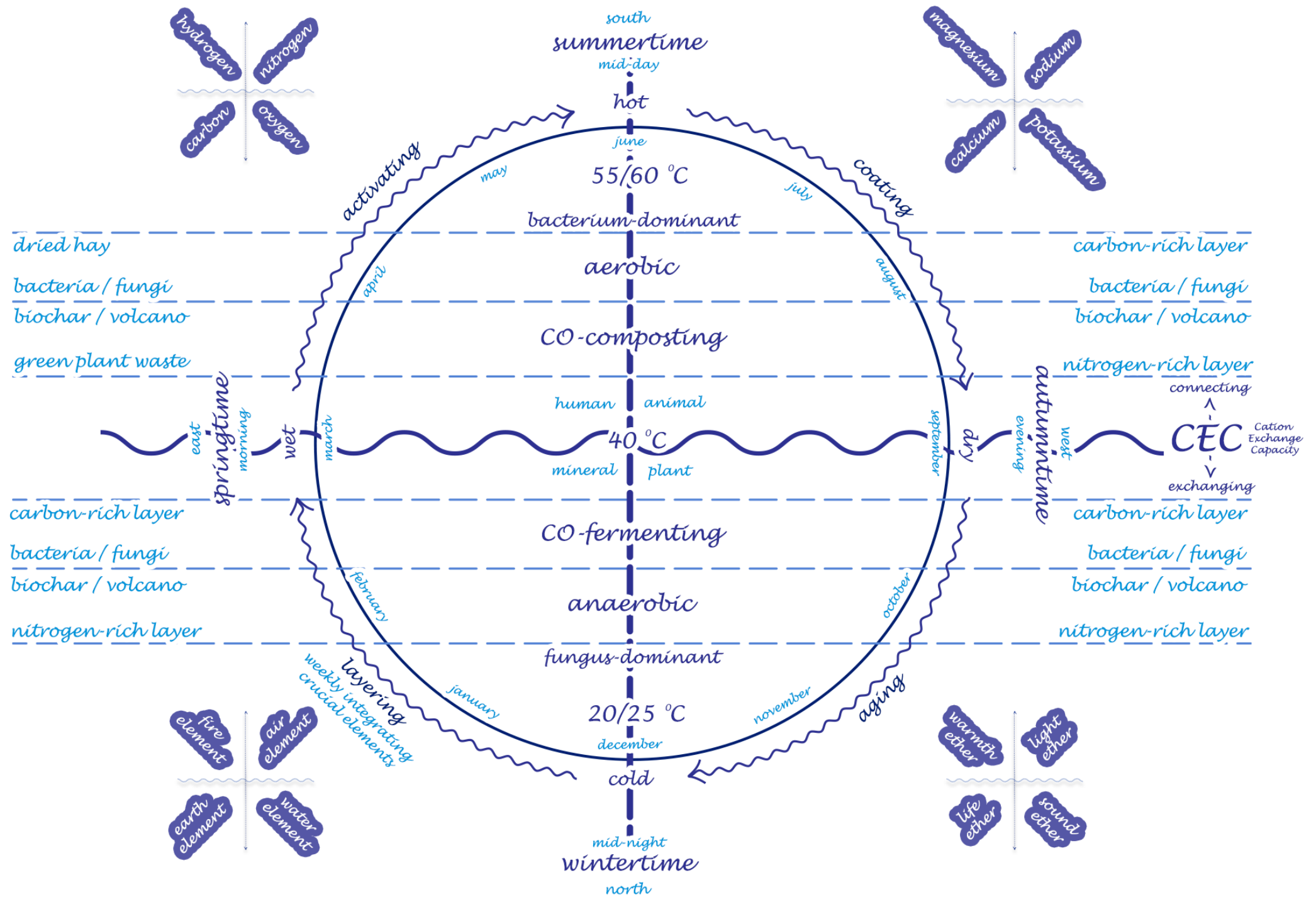


Co-composting -
laag 7 met een
nieuwe hooilaag



Co-composting -
laag 8 alles
begieten met EM
en Compost
starter



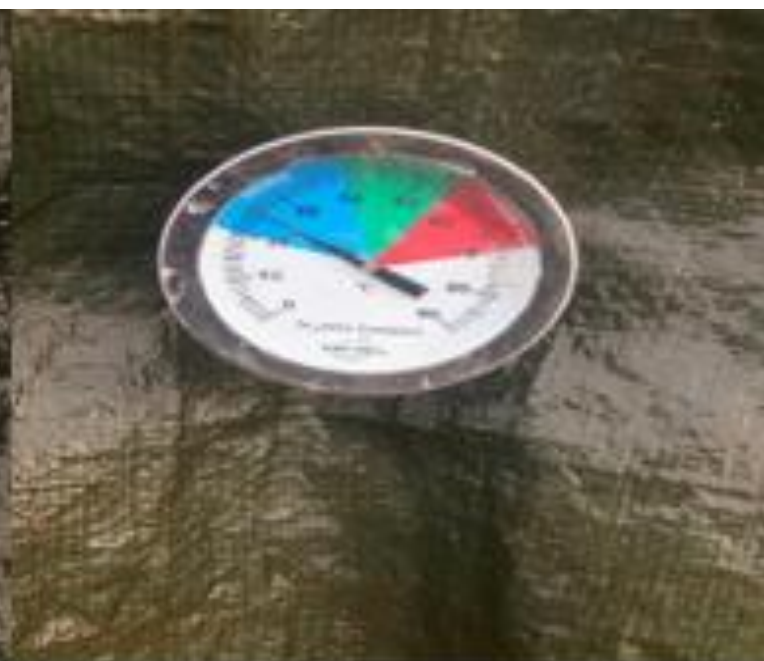




Temp. bovenin



Temp. middenin



Temp. onderin

Gerijpte bio-char uit co-composting



2023/2024



2024/2025





www.artes-sophiae.net
www.waldboeren.nl

Bodemregeneratie in de praktijk

EFFECTIVE MICROORGANISMS

BACTERIA & FUNGI
TRICODERMA/MYCORRHIZA

Bentonite
VOLCANIC ASH
LAVA MEAL

which
INGREDIENTS

LAB FIELD
Field strip 3?

EXPERIMENTAL
VERIFICATION

EMPERICAL
THEORETICAL

THE THREE-PART
CARBON CYCLE in
a four-part framework

~~NOT~~ PLOTS
~~NOT~~ ACT/WOR

FIELD STRIP 2

machinery local
40 URBAN FARMERS
knowledge transfer

BARRELS
VATS
TONNES

INCREASING
ACTIVATION
SAVES

feeding
ANIMALS

CATIONS
exchange
capacity

Co-composting

How

SINK
CARBON

layered
mulching
ON SITE
(no digging)

CROPS
CULTIVATION

FRUIT
STRIPS

FIELD STRIPS

WEAVING
integration

COVER CROPS

GREEN MANURE CROPS

Where

When

PRACTICAL
Phenomenological
TRIAL and ERROR
COLLABORATIVE GARDENING

What

INCREASING STABLE HUMUS

HUMUS complex

SOIL life

Who

increasing Bio diversity

Volunteers

WORKING DAYS

HANDICRAFT

Guided tours
education

SAVING

FOREST / FARMERS & GARDENERS

COMMON LAND PRINCIPLES freedom REALITY Community