

# Carbon eight



**TAKE HOPE,  
FOR THE EARTH'S  
ABILITY TO RESTORE  
AND REGENERATE HAS  
BEEN VASTLY UNDER  
ESTIMATED.**



# OUR STORY



FOUNDER | DIRECTOR | CPA

Helen McCosker



FOUNDER | CREATIVE DIRECTOR

Kelly Jones



FOUNDER | DIRECTOR | FARMER

Mike McCosker

**Carbon**  
**eight** 

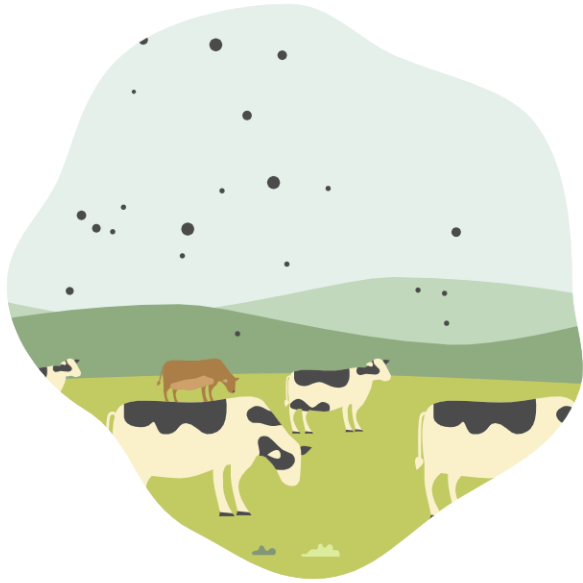
- \* OUR FARM AND REGION.
- \* 2018 \$50M+ DROUGHT RELIEF FUNDS FROM PUBLIC.
- \* CONNECTION THROUGH STORY TELLING AND BEAUTY.

THE PROBLEM

# The state of farming today isn't ideal.

Currently, the carbon levels in our soil is at an all-time low at 1% (or less).





### ISSUE 01

## Carbon Emissions

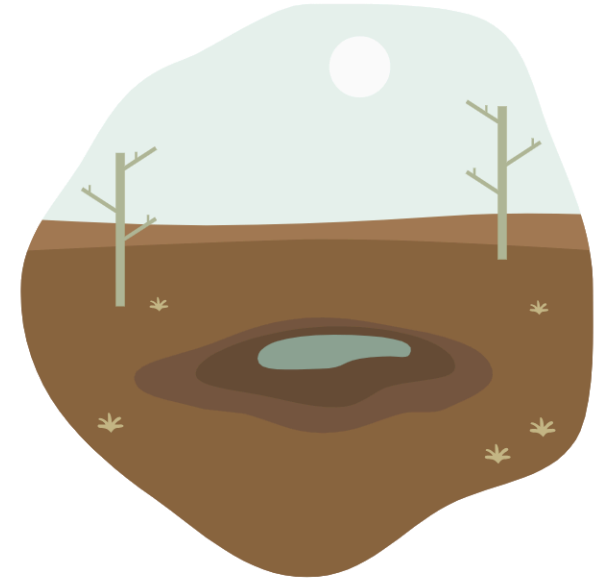
Industrial farming practices that result in bare agricultural ground releases carbon into the atmosphere as greenhouse gases. It is the leading cause of our current climate crisis.



### ISSUE 02

## Reduction of Biodiversity

Industrial farming methods have destroyed our natural biodiversity, accelerated species extinction and destroyed much of the world's natural wildlife habitat.



### ISSUE 03

## Drought & Desertification

A third of earth's soil is acutely degraded due to industrial agriculture resulting in desertification with over 40% of the world's population affected.

OUR SOLUTION


# What we can do about it?

By transitioning to regenerative agricultural practices, we can help rebuild carbon levels in the soil.



**Carbon  
eight** 





**To transition Aussie farmers to regenerative agriculture and support them to rebuild the carbon (organic matter) in their soil from 1% to 8%.**



# A carbon8 Farmer

## Overview

Warwick and Monique own a 3500 acre farm near Texas NSW. Their soil has been degraded from a history of over grazing and with the onset of this drought their carbon levels sit at around 0.5-1% carbon levels.

Their property runs livestock including goats and sheep. It is a conventional farm and most of the soil is bare.. The dams are currently dry and they have destocked to prevent soil erosion.

Carbon8 offers them hope that through this historic drought, by making changes to their management practices, they can come out of the drought with a focus on restoring the landscape while running a profitable farming enterprise.

**“We have learnt more in two hours spending time with the carbon8 team than we have in our history of farming.”**

# HOW DOES CARBON8 WORK

**Carbon  
eight** 

---

FARMER  
REGISTERS



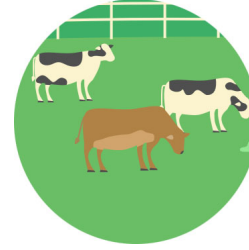
AGRONOMIST  
VISIT



FARM IS  
ASSESSED



MENTOR  
PROGRAM



RECEIVES  
SMART BOX



FARMER GETS  
PAID



SOIL TESTS  
CONDUCTED



CARBON  
MARKET

**THE SOILUTION**



**“0.8% increase in soil carbon will offset all of Australia’s emissions.”**

**CSIRO**



## Lesson One

Put simply, ***Carbon*** is the **measurable component** of how much organic matter is in the soil.

When carbon levels are

**1% or less**

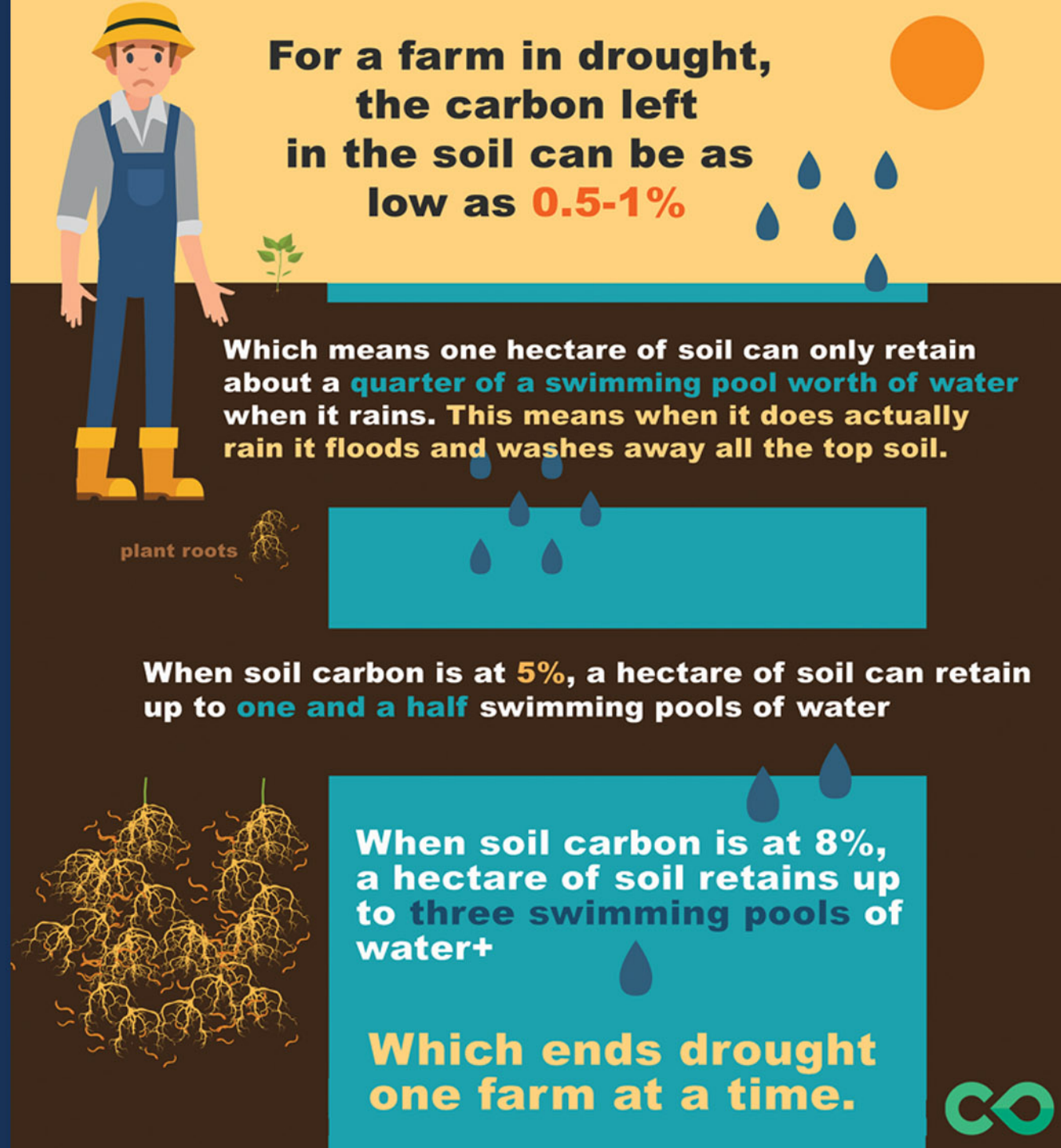
one hectare of soil can retain a **¼ of a swimming pool** of water

**at 5%**

the same soil can retain **1 ½ swimming pools** of water

**at 8%**

the soil can retain **3 swimming pools** of water



**For a farm in drought, the carbon left in the soil can be as low as **0.5-1%****


Which means one hectare of soil can only retain about a **quarter of a swimming pool** worth of water when it rains. This means when it does actually rain it floods and washes away all the top soil.

plant roots

When soil carbon is at **5%**, a hectare of soil can retain up to **one and a half** swimming pools of water

When soil carbon is at **8%**, a hectare of soil retains up to **three swimming pools** of water+

**Which ends drought one farm at a time.**



## Healthier produce

The true superfoods, the foods that will truly improve your health, are foods grown in carbon rich healthy soil.

## Carbon drawdown

Taking carbon from the atmosphere and drawing it back into our soils is the most powerful tool we have to fix the current human and climate health crisis.

## Water retention

At 1% carbon, one hectare of soil can hold up to 1/4 of a swimming pool worth of water. At 8%, one hectare of soil retains up to a massive 3 swimming pools or more of water.

## Improved biodiversity

Supports climate stability through functioning ecosystems. These natural systems incorporate the whole, leaving roles for everything to work in harmony.





# HYDRATION EQUATION

## WHAT TO DO

Follow the picture.

Fill one container with your poorest soil.

Fill one container with your richest soil.

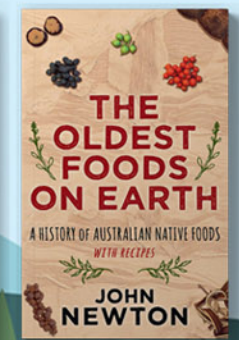
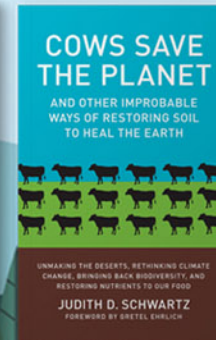
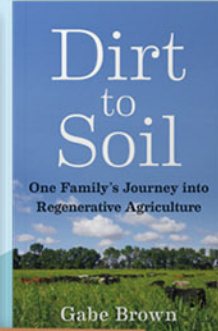
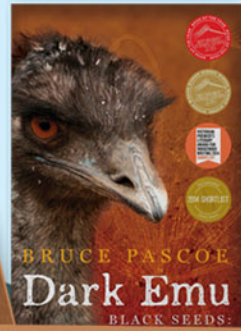
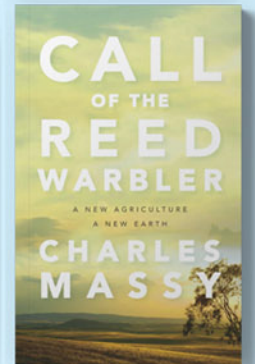
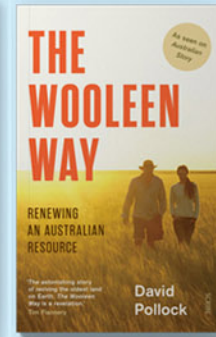
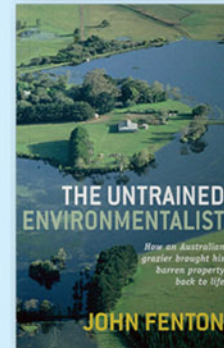
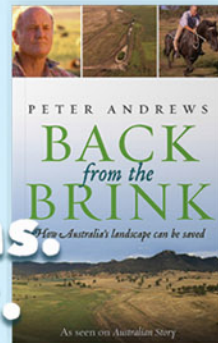
Fill one container with anything in the middle.

1. Plant your seed mix evenly in all three.
2. Water them everyday.
3. Watch what happens.
4. Observe the difference water quality coming out of the different containers.



**Carbon eight** 

**Books Not Baleouts.  
Knowledge not Tim Tams.  
Solutions not Band-aids.**



**The Carbon8  
Smart Box**

**Supporting  
farmers with long  
term SOILutions.**

**Supporting farmers,  
families and communities  
out of drought better  
than when they went in.**

And incentivise  
farmers to join the  
Carbon Market.



CARBON8 FUND LTD

Helen McCosker | Mike McCosker | Kelly Jones

Yetman Rd, Wallangra NSW 2360

P: 0428635321 | p: 0428635323 | E: [gday@carbon8.org.au](mailto:gday@carbon8.org.au)

# THE SOULUTION

Carbon  
eight 



**The world is  
going through  
a new normal.**

**An individual  
climate change.**

**A new science  
connecting heart  
intelligence.**



WHAT WOULD LOVE DO NOW PRESENTS

# A NATIONAL REGENERATIVE AGRICULTURE AWARENESS DAY VALENTINE'S 2019



14.FEB.2019

1000 KITCHEN TABLE CONVERSATIONS . 500 RESTAURANTS .  
140 FARMERS MARKETS . 81 COMMUNITY GARDENS .  
150 SCHOOLS . 144 PARTNERSHIPS . AND 1 MILLION AUSSIES .  
A MOVEMENT TO HEAL THE HEART OF OUR FOODCHAIN .

REGISTER YOUR INVOLVEMENT  
WWW.WHATWOULDLOVEDONOW.ORG.AU  
GETTING OUT OF THE DROUGHT BETTER THAN WHEN WE WENT IN .

THE NATIONAL REGENERATIVE AGRICULTURE DAY PRESENTS

# VEGETABLE DISCLOSURE



BIONUTRIENT Food Association



THE BOLDEST ATTEMPT TO COLLECT NUTRIENT DATA FROM OVER 50,000 DIFFERENT FRUITS & VEGETABLES BY GRASS-ROOT ORGANISATIONS AND CITIZEN SCIENTISTS FROM AROUND AUSTRALIA TO DETERMINE THE TRUE QUALITY OF OUR FOODCHAIN.

VALENTINE'S DAY 2020 | WWW.NRAD.ORG.AU



THE NATIONAL REGENERATIVE AGRICULTURE DAY  
14.02.2020

**Regenerative AGRICULTURE**

**THE REAL SUPERFOOD**  
www.carbon8.org.au

**Nutrient-dense foods are grown in regenerated soils.**

No chemicals, fertilisers or pesticides.

Returns beneficial microbes to the soil which puts beneficial microbes into our guts.

Which makes nutrients more available to plants and humans.

Which makes **SuperFood** THAT CAN CURE YOU OF ALMOST EVERYTHING!!!

# Forests and Trees are Essential to Regenerative Agriculture

- tree cover stabilises the soil
- prevents land erosion and desertification
- enhances the lands capacity to store water
- moderates air and soil temperatures
- helps repair climate cycles
- reduces drought and floods
- supports biological activity including wildlife habitat
- draws down carbon and enhances soil organic matter
- has a spiritual, cultural and social value.

The Heart of Regenerative Agriculture

**Be A Blessing To The World And Never Stop Caring**

IT'S THE BEST OF WHAT AGRICULTURE CAN DO

## REGENERATIVE AGRICULTURE TECHNIQUES

TO HEAL THE HEART OF OUR FOODCHAIN

*- Right Now -*

HOLISTIC GRAZING	GROUND COVER	CRIMP ROLLING	HEMP
MULTI SPECIES COVER CROPS	SWALES	KEYLINE DESIGN	AGROFORESTRY
PASTURE CROPPING	TREE PLANTING	NO-TILL FARMING	NATURAL SEQUENCE FARMING

# MEME'S



*the largest  
underground*  
MOVEMENT  
**REGENERATIVE  
AGRICULTURE**  
2020 IN HISTORY 2020  
[www.nationsofpeasantsandpioneers.com](http://www.nationsofpeasantsandpioneers.com)



[www.what-would-love-do-now.myshopify.com](http://www.what-would-love-do-now.myshopify.com)

**TSHIRTS**



A MAGAZINE TO INSPIRE AND TEACH

# REGENER8

regenerative  
agriculture  
ISSUE TWO



# X-RAY VISION IN THE SUPER MARKET



Imagine going to the super market, flashing a light at the carrots and being able to compare their real nutritional value to show you what you are really buying. **Producers will no longer be able to skate by with visually appealing, but poorly grown and nutrient deficient food.** Real-time accountability in the marketplace has the potential to dramatically impact the food system, our farms, our health and our ecosystem. **Introducing the first prototype of the Bionutrient Meter!**



# Get your hands dirty, be an impact partner.

Carbon8 partners with organisations who are committed to making a positive contribution to our environment and passionate about supporting Aussie farmers regenerate our soil.

GET STARTED

