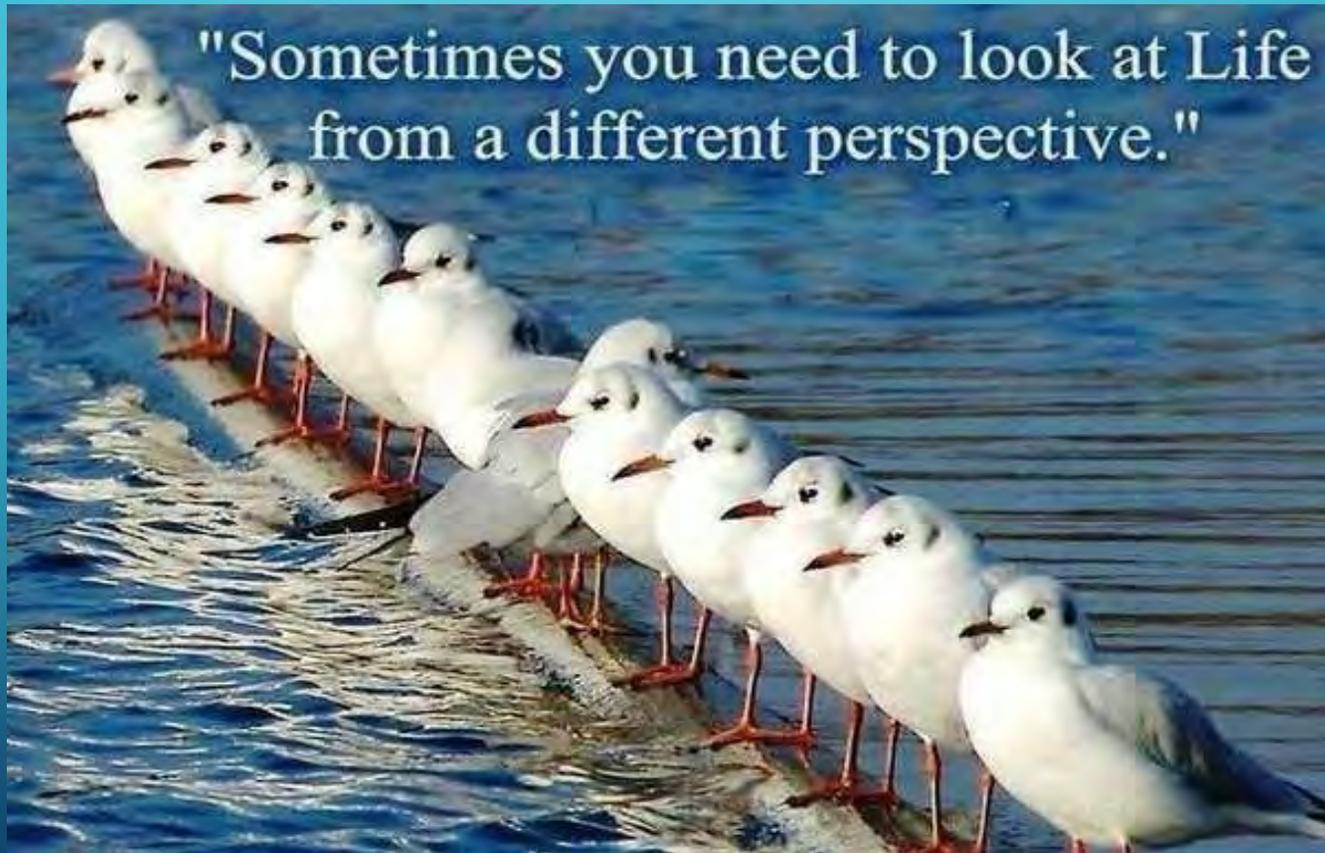


MOUNTAIN AGRO-ECOLOGY

A PRESENTATION FOR THE INTERNATIONAL MOUNTAIN DAY CELEBRATION 2015



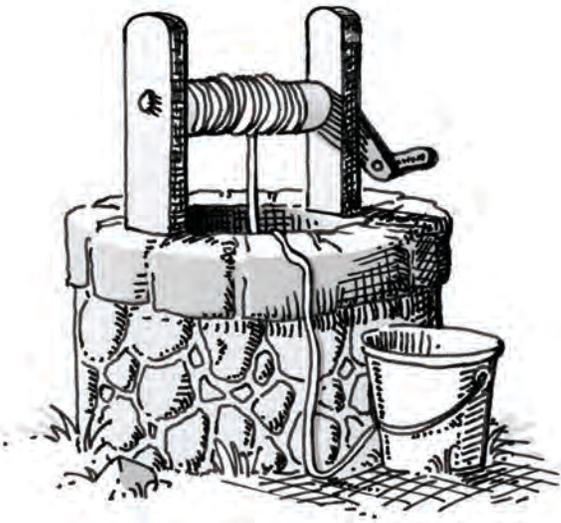
A NEW VISION:
SENSITIVITY TO NATURAL SYSTEMS
“WORK WITH NATURE, NOT AGAINST IT”



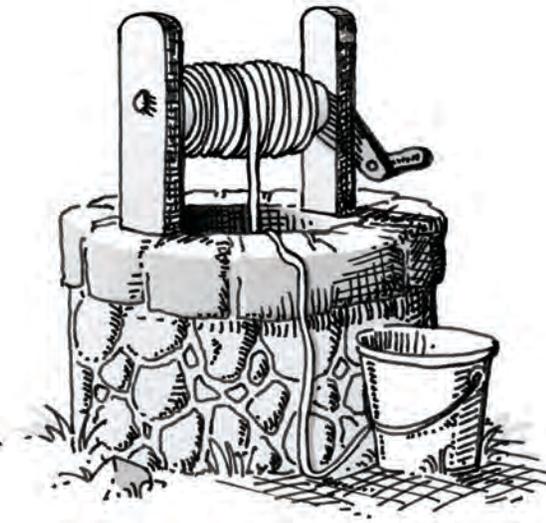
NEW VISION FOR THE MOUNTAINS

- Water
- Land
- People

WATER:
IT ALL STARTS WITH WATER... WHERE'D IT GO?



*Grandparent's
well*

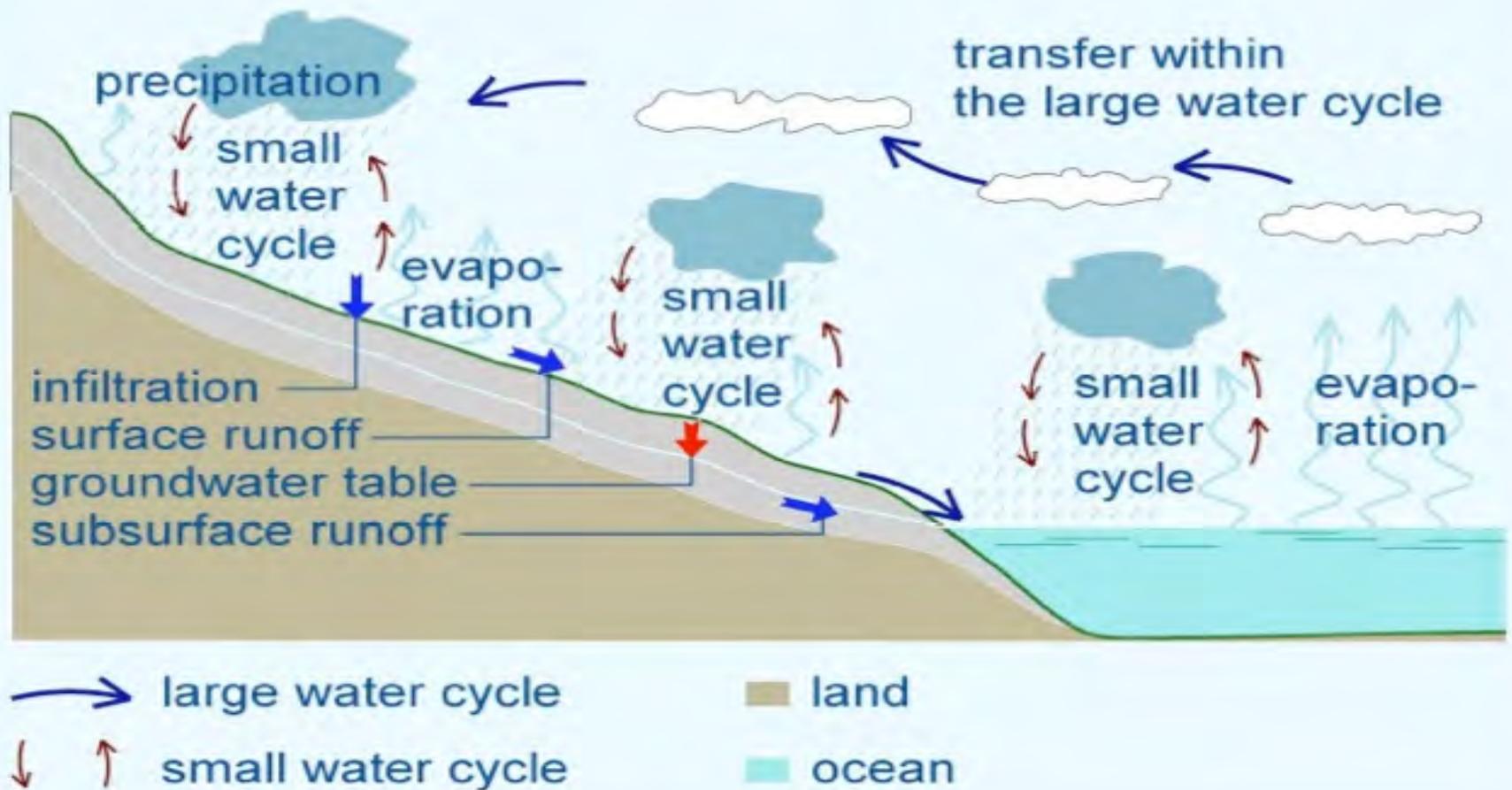


*Parent's
well*

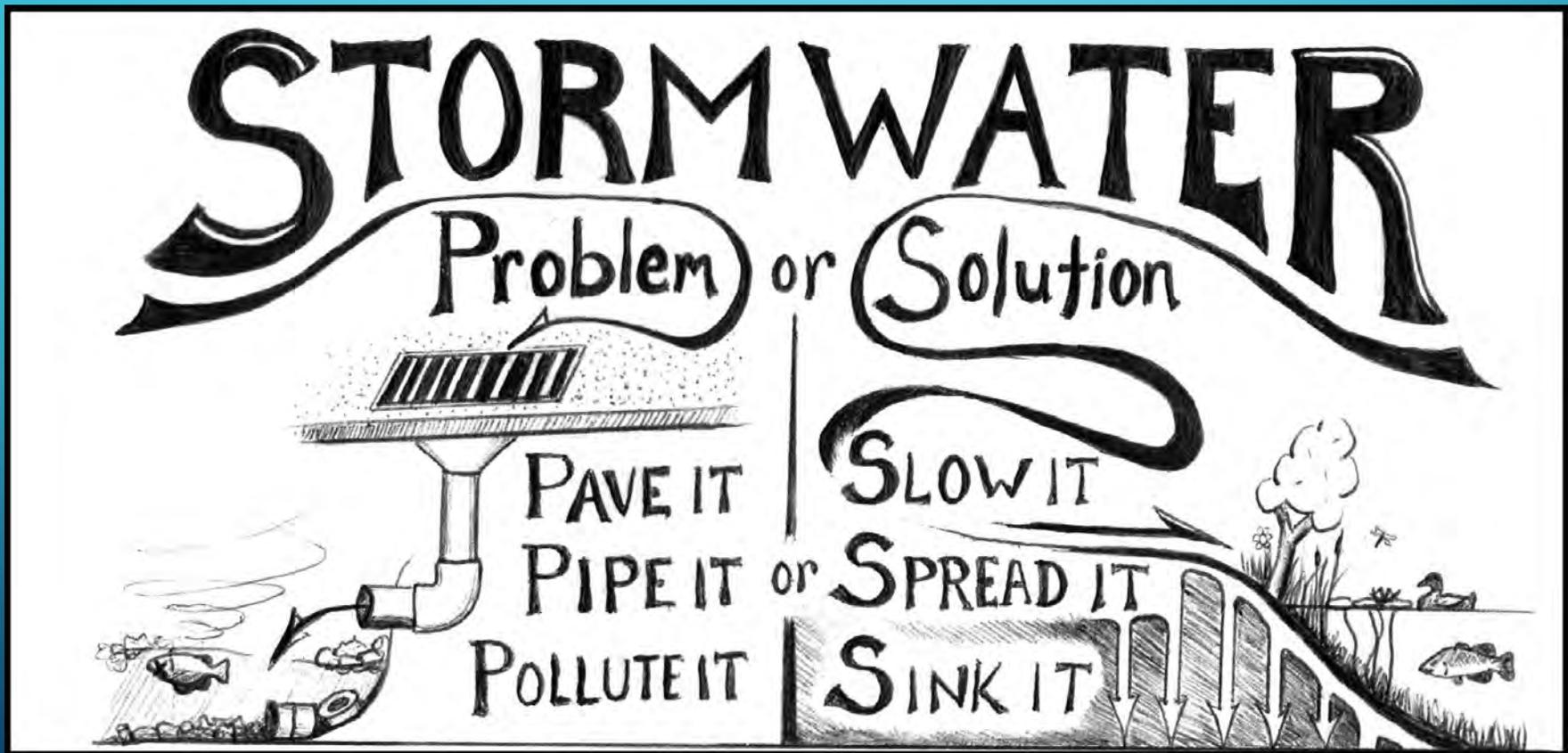


*Children's
well*

WATER: HYDROLOGY CYCLES – GETTING IT BACK.



WATER: STORM WATER HARVESTING





WATER: SLOW IT AND SINK IT



EARTH - THE LAND IT'S ALL ABOUT THE SOIL ! ...IT'S ALIVE !

Feed the soil organisms and they will feed the plants.

What are Mycorrhizal Fungi?



- NATURALLY OCCURRING Beneficial Fungi
- Form SYMBIOTIC relationships with plants
- Attach to roots and become EXTENSIONS of the root system

- They dramatically EXPAND ACCESS to moisture & nutrients from the soil
- In return, the host plant feeds the fungi with sugars and organic substances



Horizon



“A mere 2 percent increase in the carbon content of the planet’s soils could offset 100 percent of all greenhouse gas emissions going into the atmosphere.”

—DR. RATTAN LAL, OHIO STATE SOIL SCIENTIST



EARTH – THE LAND

BIO-DIVERSITY NOT MONOCULTURE CROPS

PERMACULTURE, REGENERATIVE AGRICULTURE, REGRARIANS, TRANSITIONS MOVEMENT



END WORLD HUNGER?

fb/david avocado wolfe

THAT'S EASY PROMOTE GLOBALISED BACKYARD GARDENING!

Each winter their fields sit fallow for months at a time. Since no cover crop is planted (a process returns nutrients to the soil and increases soil fertility), the soil remaining exposed to the elements. Wind erosion will carry some of this precious top soil away.

Nothing grows here (unless Rick's neighbor says so).

rosemary (harvested year round)

Knoll Farms, Home of Justice Produce, Brentwood, CA, 3 December 2010

BIODIVERSITY VS MONOCULTURE

wilds + trees + crops + critters + soil = an integrated food web allowing biota to self-regulate = (no pesticides needed)

growing a single crop over a vast amount of land increases the risk of fungus, disease and specialized predators, which conventional farming combats with pesticides, herbicides and fungicides.

THE CONVENTIONAL FARMERS NEXT DOOR CALL RICK'S ORGANIC METHODS "DIRTY FARMING" (THEY'RE "CLEAN")

EARTH – THE LAND HOLISTIC RANGE MANAGEMENT



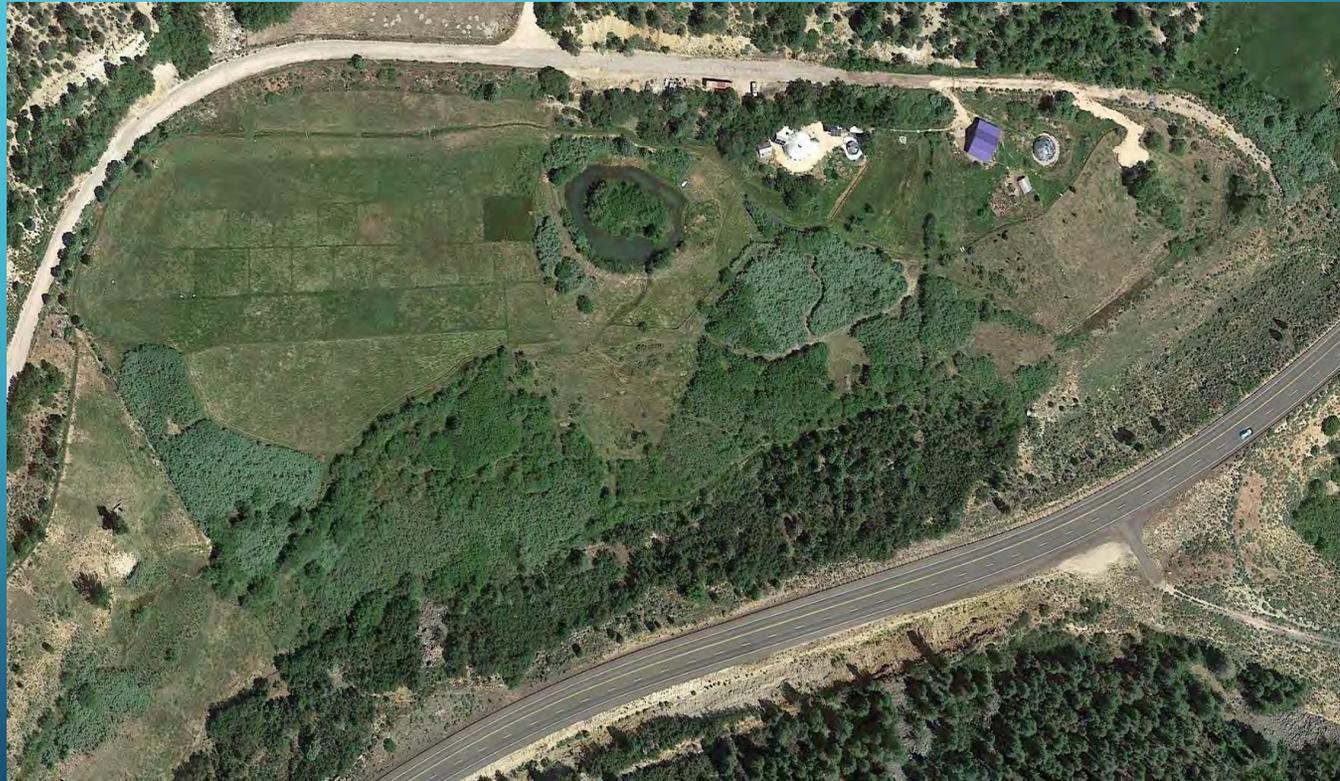
Not This
Feedlot
TOXIC



THIS



Heart Water Permaculture Farm



EARTH – THE LAND WHAT DO YOU CHOOSE???



Degeneration
Scarcity

'I am not indicting any aspect of organic, but as with anything in life, improvement should be the goal.'

'REGENERATIVE ORGANIC AGRICULTURE IS ABOUT RAISING THE BAR.'

- Former Whole Foods Executive Michael Bisancon



Regeneration
Abundance

THE PEOPLE: CREATION NOT EXTRACTION

What makes life worth living?

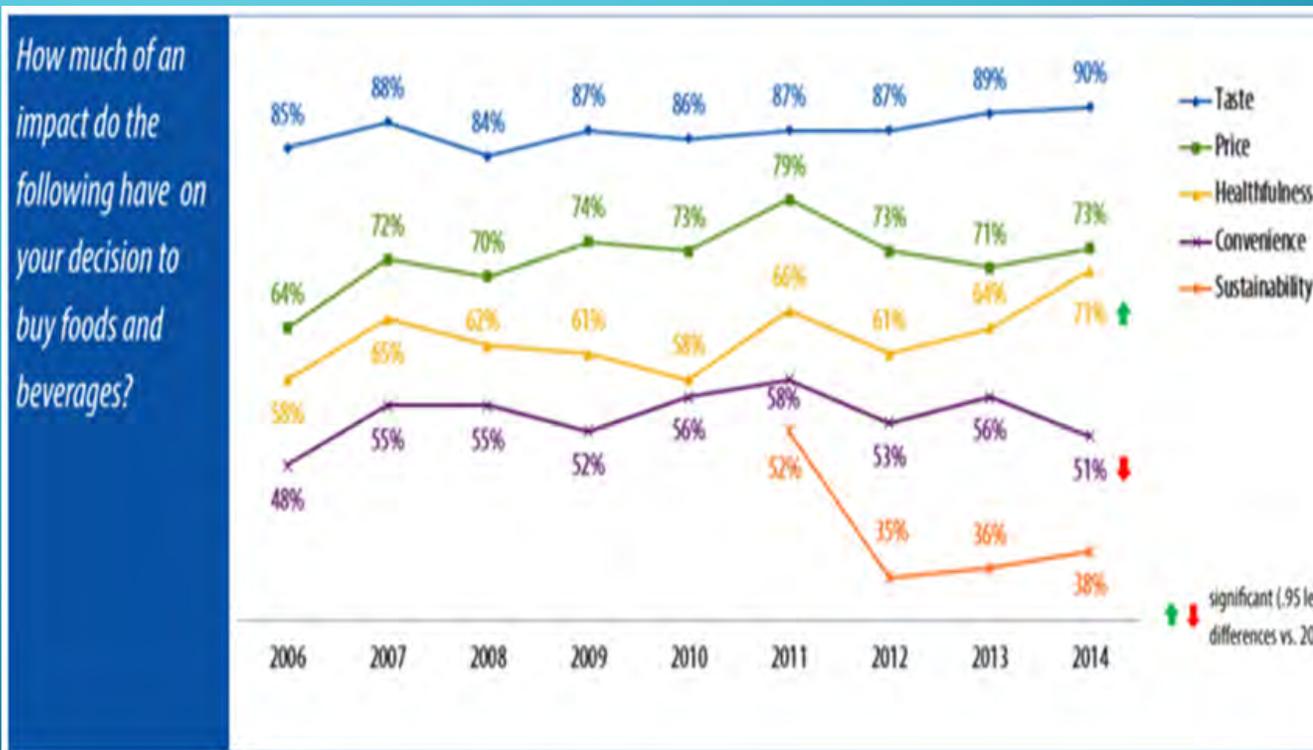
Sense of Abundance
Fulfilling Relationships
Beneficial Purpose
Creative Expression
Joyful Recreation
Leaving a Legacy
Developing Talents
Service to Others
Being a Good Steward
Overcoming Obstacles
Health and Wellbeing
Spiritual Connection
Gratitude



Public Mandate

HUGE public demand
for LOCALLY GROWN
food that is:

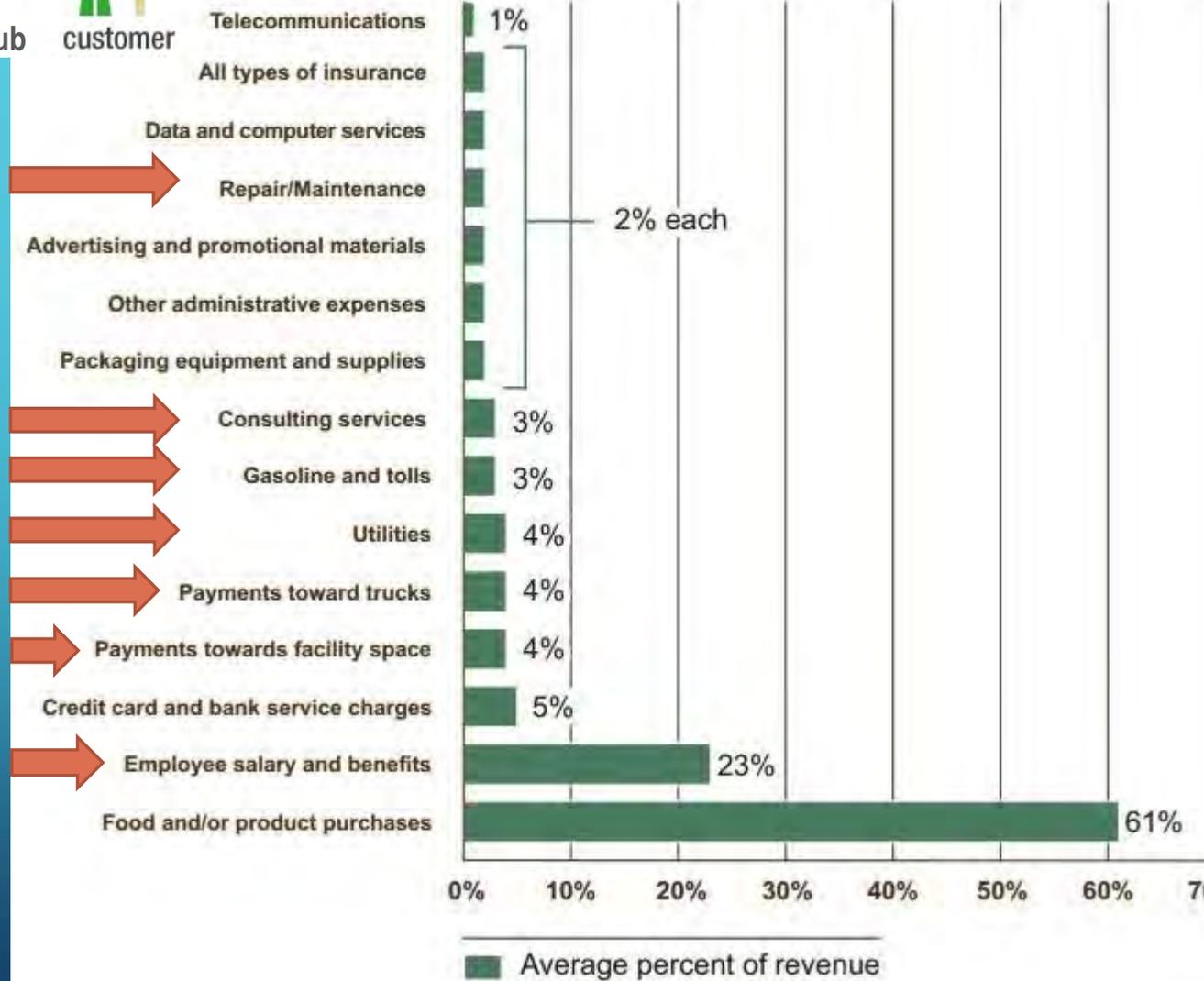
Good tasting
Less expensive
Nutritious and healthy
Convenient
Sustainable



DISTRIBUTION ISSUES



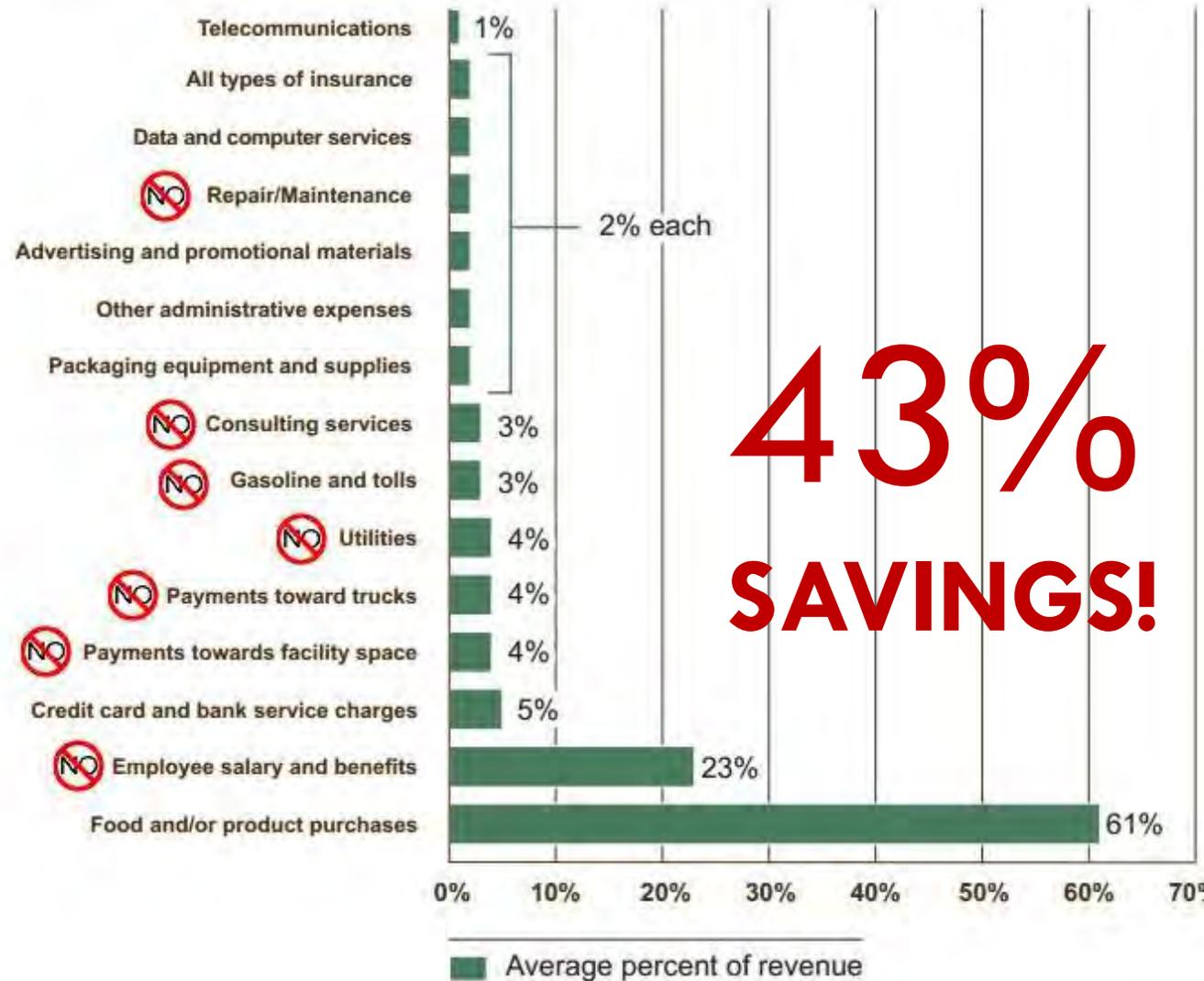
FIGURE 24: FOOD HUB EXPENSES AS A PERCENT OF REVENUE

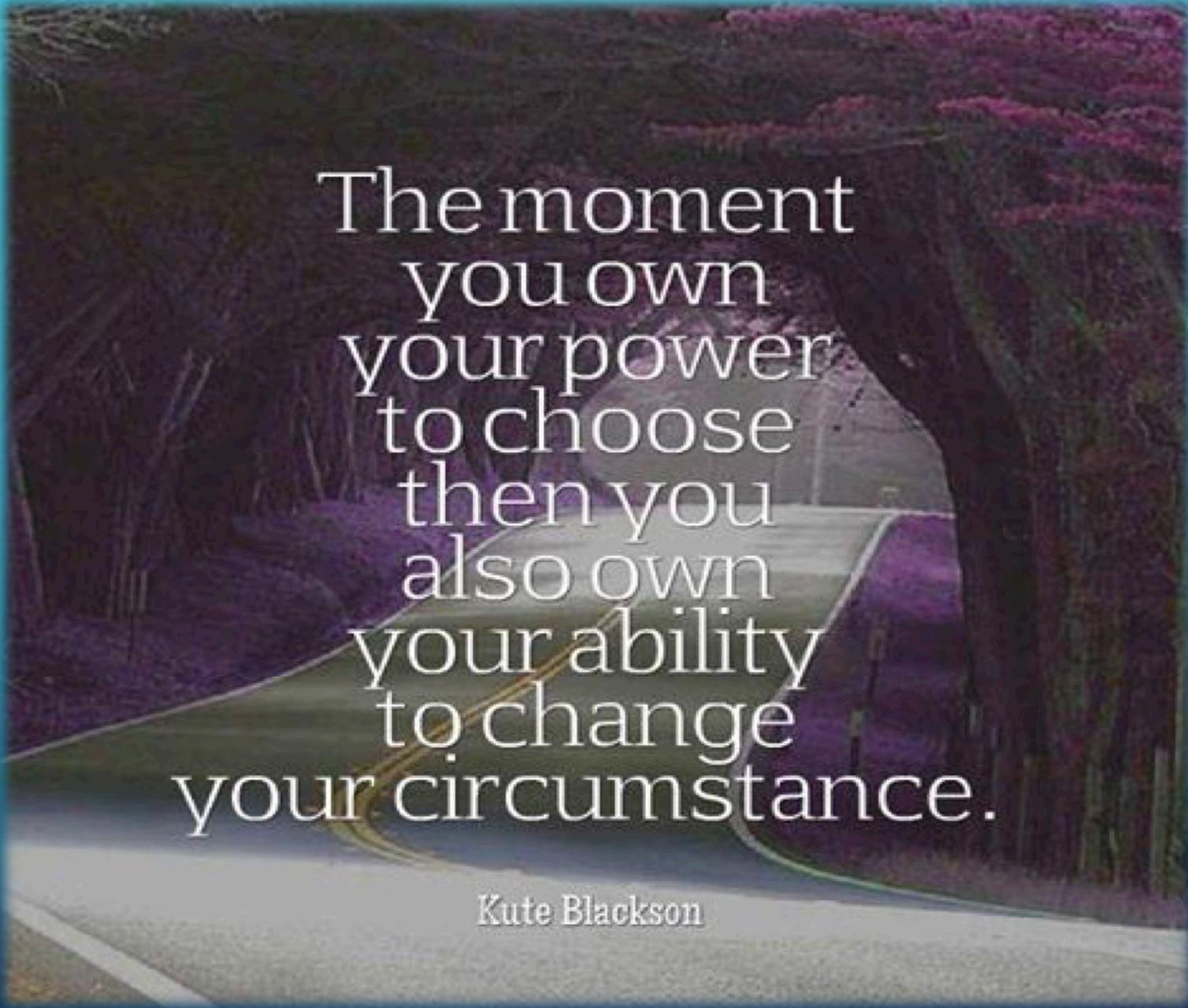


HOW ONCHENDA SOLVES THE PROBLEM



FIGURE 24: FOOD HUB EXPENSES AS A PERCENT OF REVENUE



A photograph of a winding road through a forest. The road is paved and has a yellow double line down the center. On the right side of the road, there is a large, dark tree with a thick trunk. The background shows a dense forest of trees with green foliage. The overall scene is slightly dim, with a soft, natural light. The quote is centered over the image in a white, serif font.

The moment
you own
your power
to choose
then you
also own
your ability
to change
your circumstance.

Kute Blackson

Onchenda Open Global Food Cooperative, A Utah Benefit Corporation.



- ❖ Clean Local Food
 - ❖ Best Growing Practices
 - ❖ Local Economic Resilience
 - ❖ Healthcare Telecommunication

-And-

State of Grace Living, A Utah Benefit Corporation.

