



Climate Impact Tech Futures: A Woman's Vision

with

Jackie Bouvier Copeland, PhD
WISE Fund Founder



The Women Invested to Save Earth (WISE) Fund Global Launch Event

Virtually Hosted and Facilitated By

Rebecca Reichmann Tavares, EdD
BrazilFoundation CEO

March 13, 2020
3:30 PM-5:30 PM Eastern

View the live presentation [here](#).



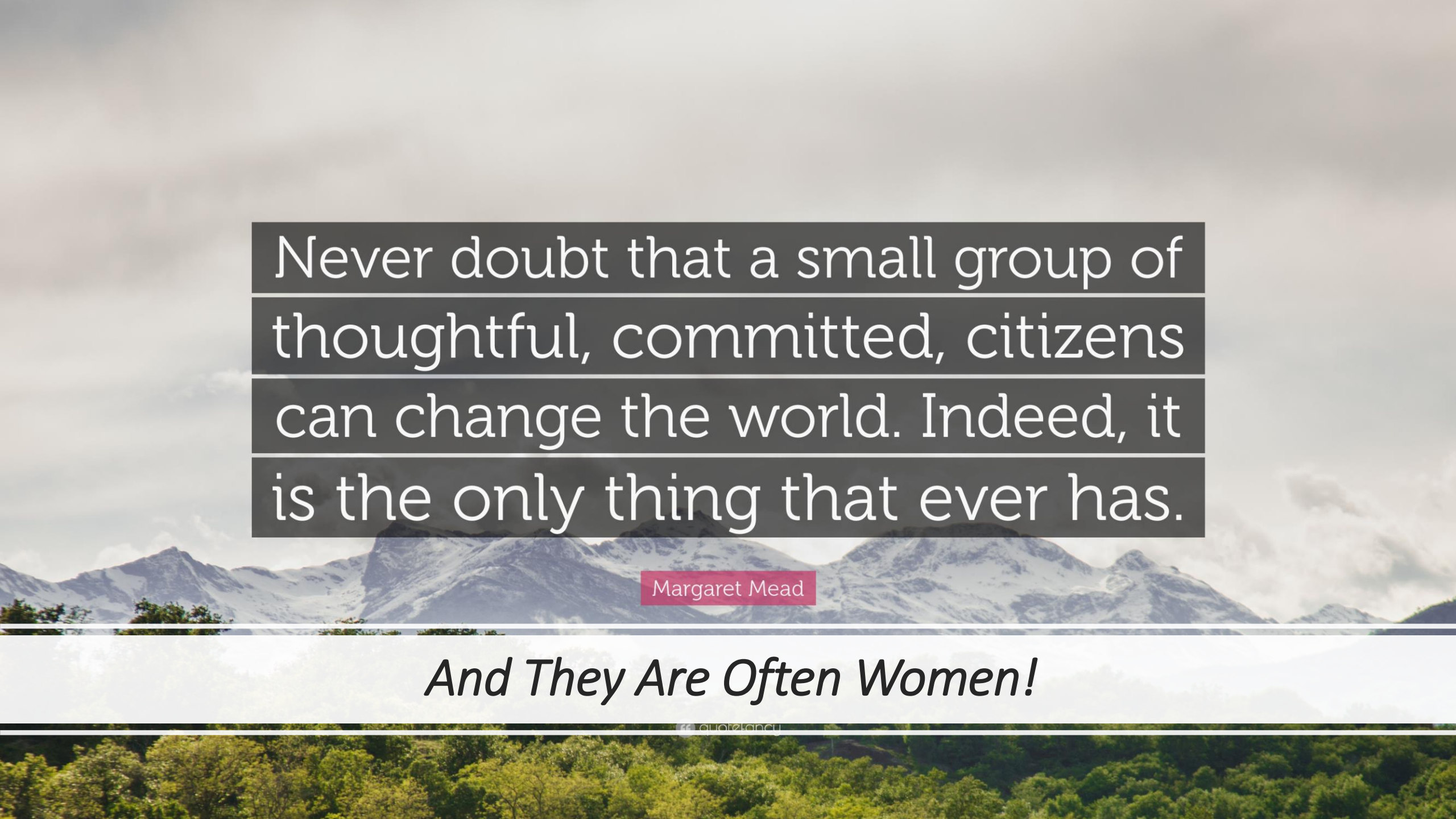


Agenda

1. Welcome, Jackie Copeland and Rebecca Reichmann Tavares, **Brazil**Foundation CEO (10 minutes)
2. EcoHealth Tech: Roots, Journey and Futures (15 minutes)
3. The Women Invested to Save Earth (WISE) Fund: Seeding an EcoHealth Tech Movement (15 minutes)
4. Dialogue and Audience Discussion (60 minutes)
5. Call to Action: How You Can Help (15 minutes)
6. Next Steps Summary and Closing (5 minutes)

Future Now?



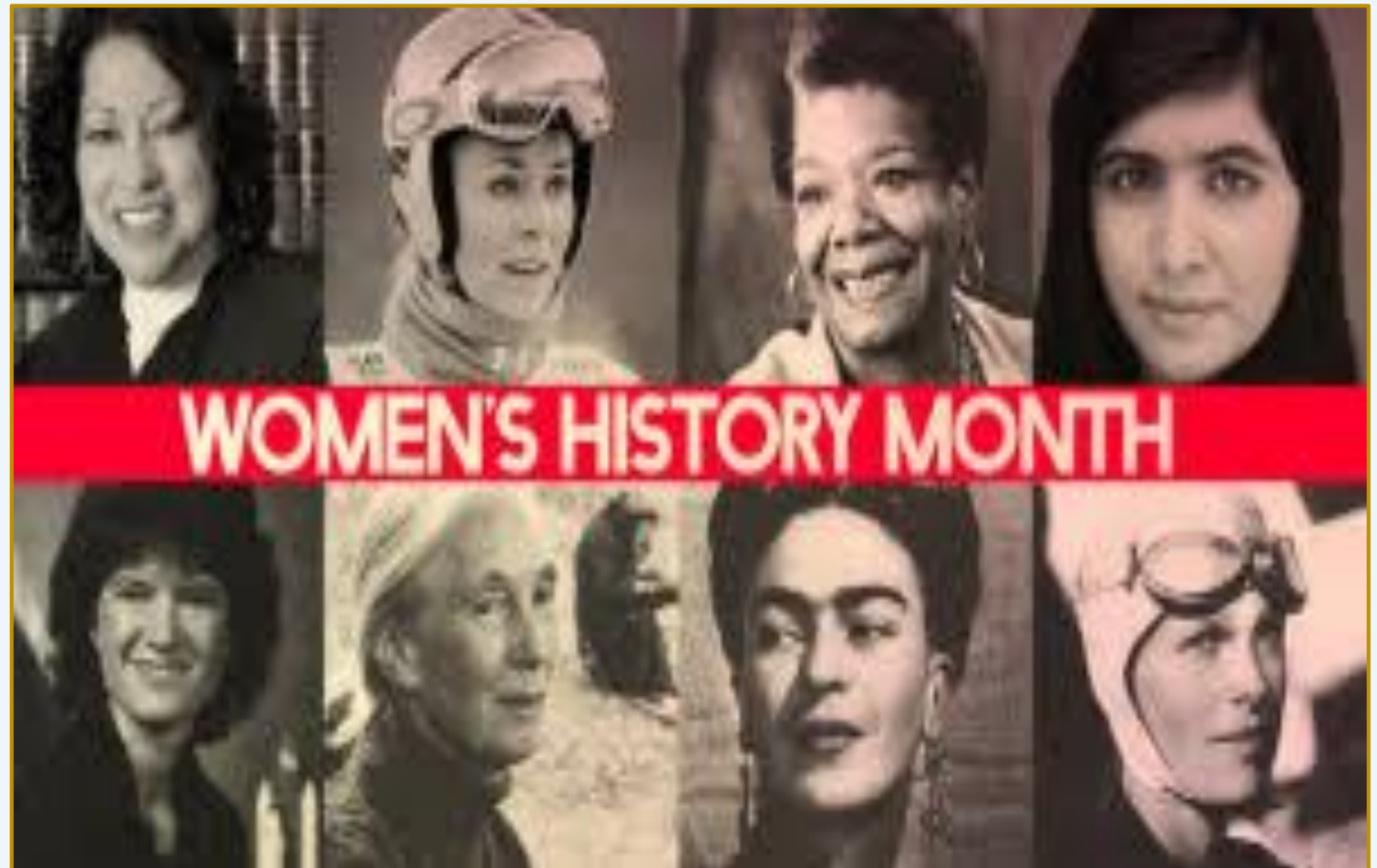


Never doubt that a small group of thoughtful, committed, citizens can change the world. Indeed, it is the only thing that ever has.

Margaret Mead

And They Are Often Women!


Women as Drivers of Change Throughout World History



Hidden Figures Change History



Women's Climate Change Burden

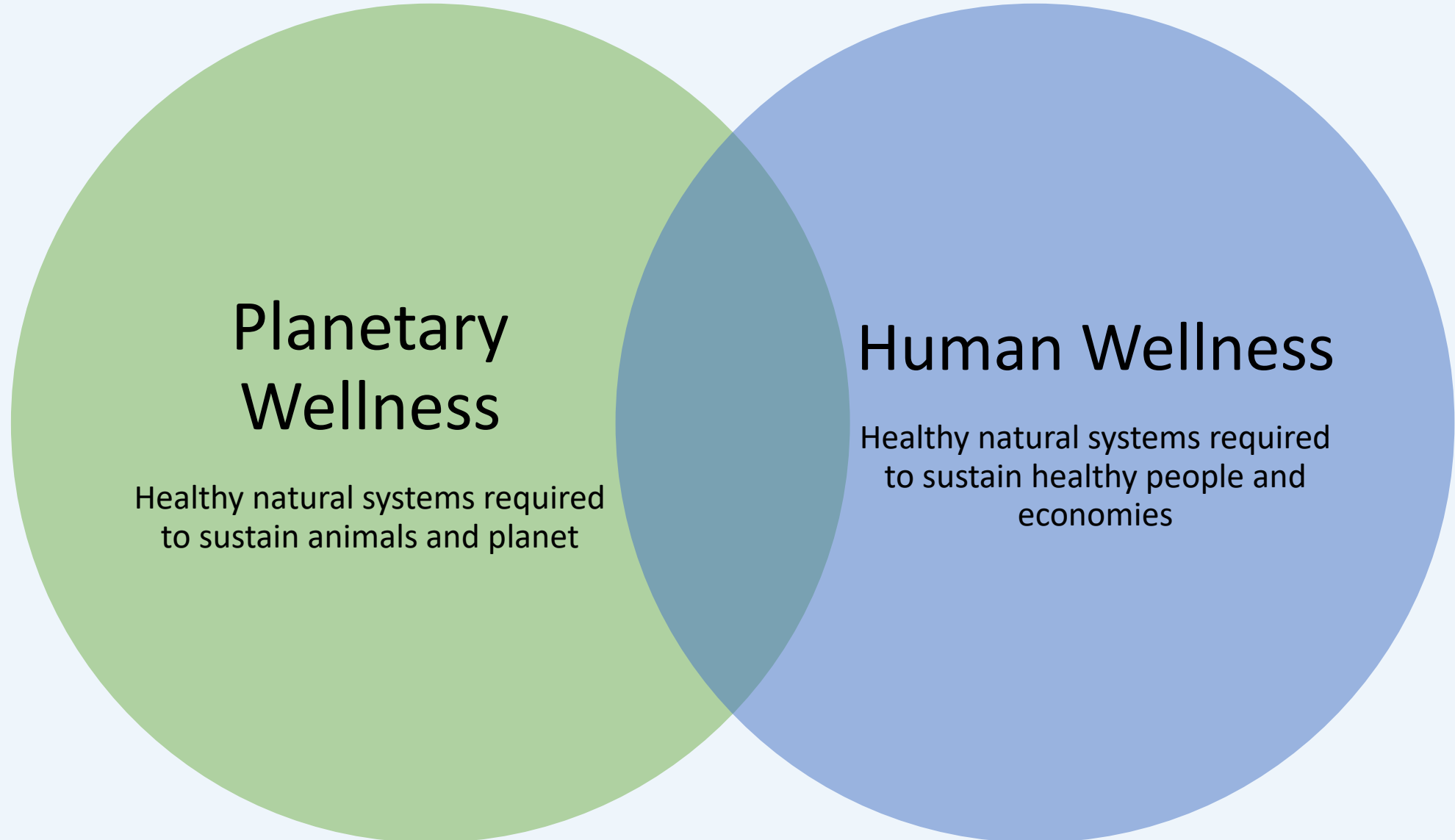


INCREASED DROUGHTS ARE CAUSING WATER AND FOOD SHORTAGE. WOMEN & GIRLS ARE FORCED TO WALK LONGER DISTANCES TO BRING THESE RESOURCES HOME. THEY NOT ONLY BECOME VULNERABLE TO **SEXUAL VIOLENCE AND HARASSMENT** BUT GIRLS OFTEN HAVE TO QUIT SCHOOLS TO CARRY OUT THESE HOUSEHOLD DUTIES.

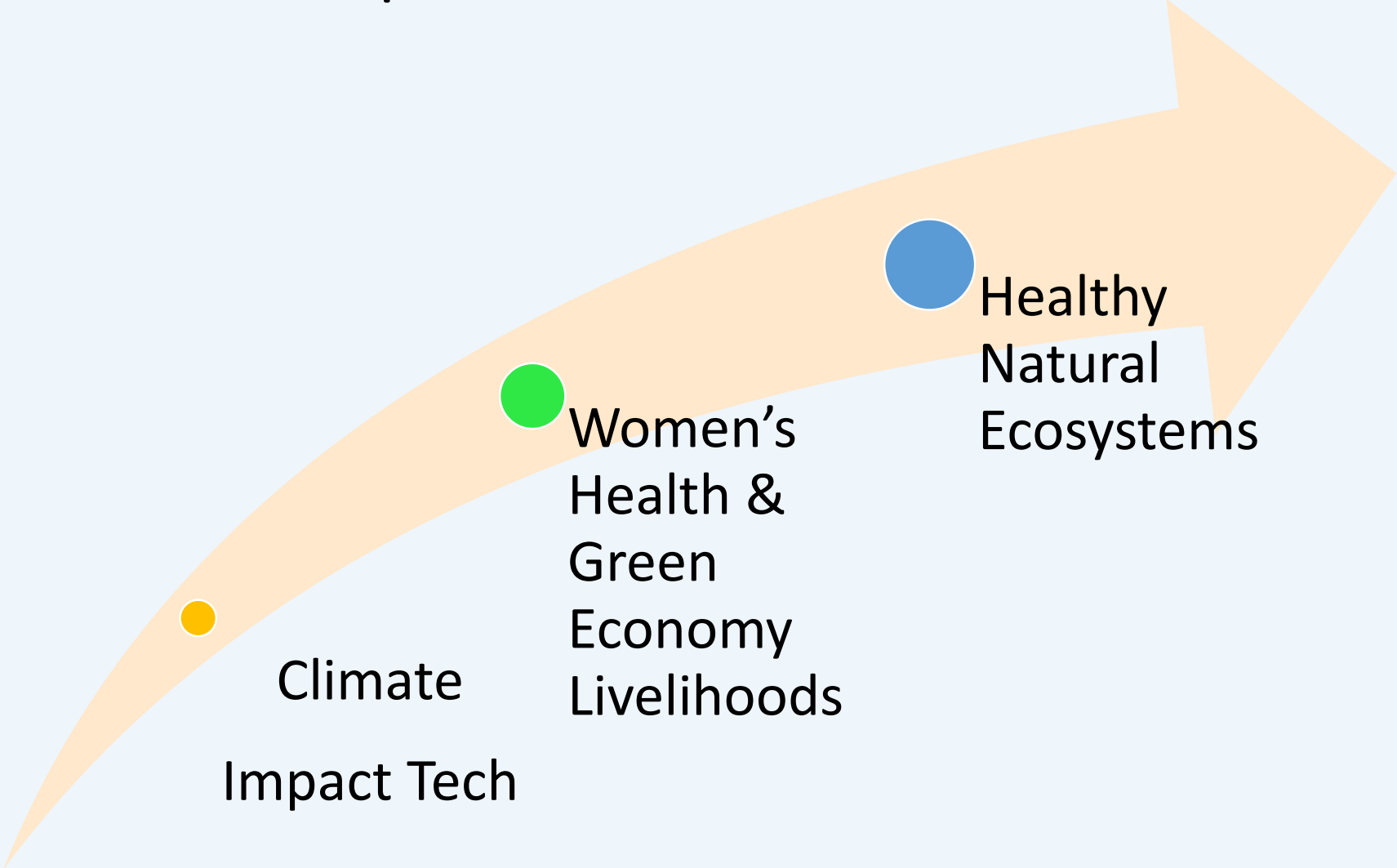
SOURCE: IDENTIFYING OPPORTUNITIES FOR ACTION ON CLIMATE CHANGE AND SEXUAL AND REPRODUCTIVE HEALTH IN BANGLADESH, INDONESIA, AND THE PHILIPPINES. ARROW 2014.

5 INDICATORS OF CLIMATE CHANGE & THEIR IMPACT ON WOMEN

An EcoHealth Framework



EcoHealth Tech: Empower Women and Restore Our Environment



Climate
Impact Tech



Women's
Health &
Green
Economy
Livelihoods



Healthy
Natural
Ecosystems

An Australian Vision Quest: Kuranda Rainforest Meets Great Barrier Reef



Women Invested to Save Earth: A Climate Impact Vision

VISION:

A world where all people have equal opportunity to develop and contribute their innate talents to address the global environmental crisis, the most pressing challenge of the 21st century.

MISSION:

To fund and develop promising Indigenous and Afrodescent women-led or benefitting climate impact organizations, providing accessible, affordable, scalable technologies that also promote “ecohealth,” the holistic social, economic, public health and environmental well-being of people and the planet..

A Focus on Women

- Only 20% of Climate Scientists and Technologists Women
- Women Technologists Only Get 2% of Funding
- Still Underrepresented in Global Climate Policy Leadership and Decisions
- Innovative Community Solutions by Promising, Hidden Figure Indigenous and Afrodescent Women
- Poor Women Generally Not Benefitting from Large-Scale Climate Tech

Focus on Most Environmentally Distressed

- Low-Income Indigenous and Afrodescent Communities
- Africa, Australia, Brazil and USA



Promising EcoHealth Projects: Heating the Navajo Nation

- Kelly Charley, 18-years-old
- 1/3 of Navajo Nation homes don't have access to running water or electricity. Travel 100 miles for coal in the USA
- Kelly created solar heating system that functions in her rural community designed to suit traditional Navajo homes.



Source: Youtube, Wired Women

Promising EcoHealth Projects: Rethaka Resources

- Thato Kgathanye, 23-years-old
- Designs and manufactures school bags from recycled plastic bags in South Africa.
- The bags have a built-in solar light that charges during the day and used to study after dark in homes without electricity



Thato Kgathanye

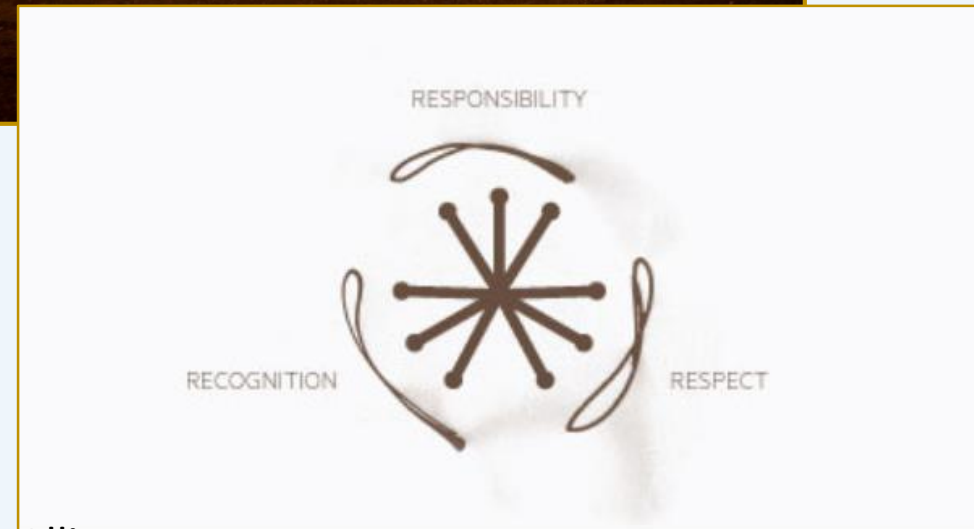
Founder & CEO of
Rethaka Resources (Pty) Ltd
South Africa



Source: BBC, Women in Africa

Promising EcoHealth Projects: Firesticks Alliance

- 26 million acres burned in November 2019 wildfires in Australia
- Cultural burning, traditional Aboriginal fire practices based on local knowledge and spiritual connection may better control wildfires



Source: Firesticks Alliance

Source: Matthew Abbott, NYTimes

Promising EcoHealth Projects: PretaLab

- Organizes data and research highlighting the absence of, and also the necessity of including more black women in innovation and technology in Brazil
- #QUEM CODABR, an initiative mapping who works in tech. Online profiles connects these women to opportunities
- *Mulheres Negras Pautando o Futuro*
Black Women Guiding the Future



Source: PretaLab

Instituto de Desenvolvimento Sustentável Amazônia Mais (*Institute for Sustainable Development Amazon More*)

Location: Manaus, AM
Year funded: 2019
Investment: USD\$7,500* (BRL\$30,000)
Grant cycle: June '19 – June '20

Problem: Amazonas state has a weak environmental monitoring network. As a result, environmental crimes often go unpunished.

Proposal: Use environmental education and technology to facilitate civic environmental monitoring and the reporting of environmental crimes.

How: Teach residents from 8 municipalities how to identify environmental crimes and to use the “Meu Ambiente” (*My Environment*) app, through which they can report crimes to public authorities.

*XR 4.0 BRL/USD



Source: Amazônia Mais

A For-Purpose Hybrid Organization

Light Shines Institute is a non-profit founded in 2018 & our for-profit Energy Efficiency (Pty) Ltd founded in 2019.

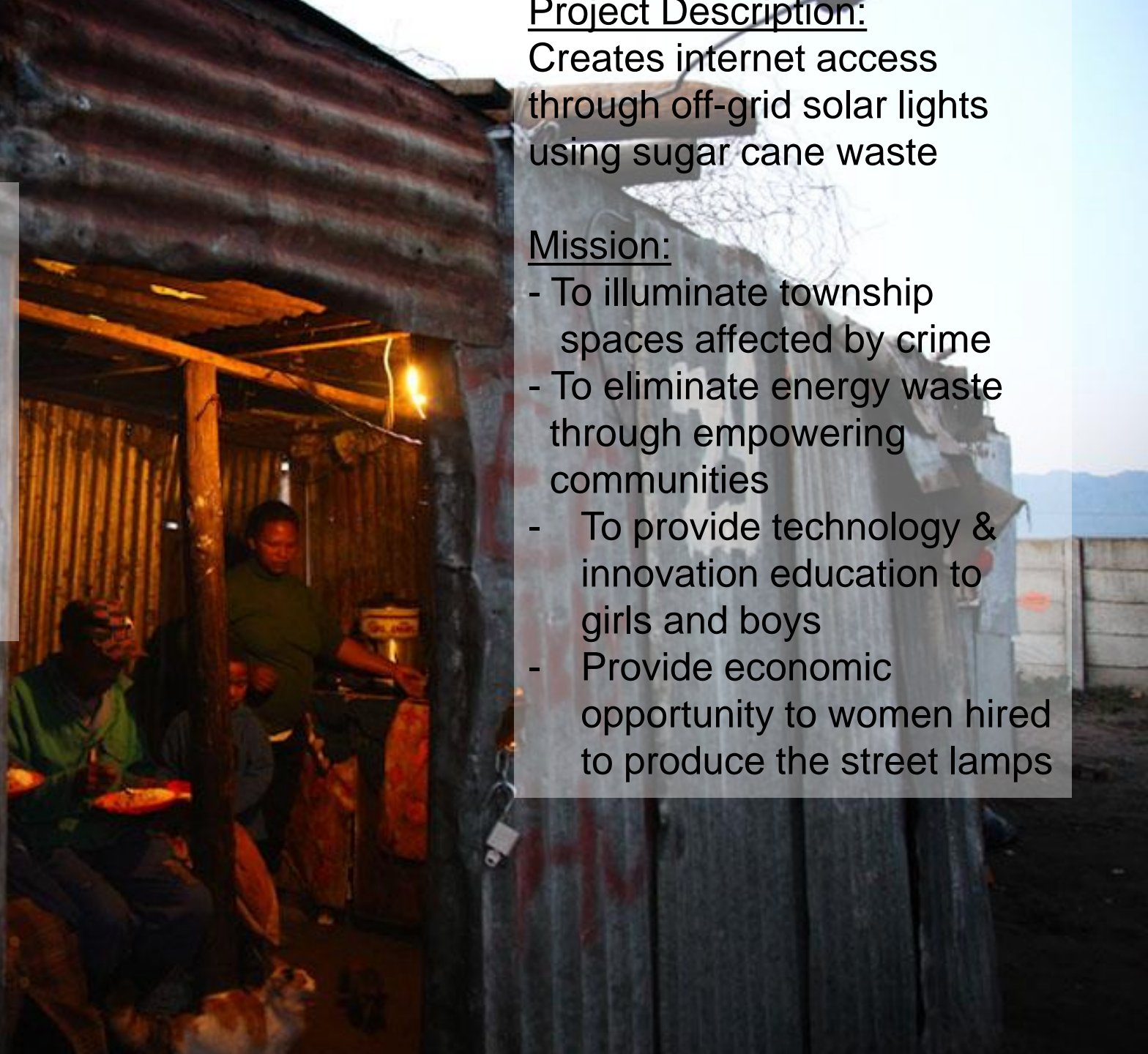
Durban, KwaZulu-Natal, South Africa.

Project Description:

Creates internet access through off-grid solar lights using sugar cane waste

Mission:

- To illuminate township spaces affected by crime
- To eliminate energy waste through empowering communities
- To provide technology & innovation education to girls and boys
- Provide economic opportunity to women hired to produce the street lamps



The WISE Fund Design

- Focus on seed funding for early-stage organizations that meet criteria
- Start with \$400,000
- First funding round Summer/Fall 2020 with RFP including technical assistance for applicants
- Four to six organizations, at least \$20,000 each
- Hoping to increase fund to at least \$1 million by March 2021



The WISE Fund Design

- In addition to funding, orgs receive mentoring and coaching to support their development and fundraising assistance
- Volunteer-driven fund with most guidance and selection by volunteer advisory board with back office support from Fidelity Charitable Fund
- Currently organized as donor advised fund
- May grow into its own organization



Open Dialogue: Your Questions & Suggestions

- What orgs do you know that would benefit from The WISE Fund?...
- If you were designing a fund, what are your funding priorities?...
- How do you define ecohealth in your community?...





A WISE Call to Action

The WISE Fund is a giving and learning circle for all to be involved:

- Forward referrals of prospective inventors or organizations that you think we should learn about
- Become a volunteer coach and mentor
- Share resources and research on ecohealth
- Give to help us reach our annual goal of at least \$1 million






Next Steps and Closing

- Visit www.thewisefund.org for learning resources
- Look for future convenings and funding application packet
- Follow us on social media for updates
- Join us at Women Leaders in Philanthropy on March 26 in the Bay Area

Daunting Global Emergency of Climate Change

We are now faced with the fact that tomorrow is today. We are confronted with the fierce urgency of now. In this unfolding conundrum of life and history there is such a thing as being too late.





"Only if we understand, can we care. Only if we care, we will help. Only if we help, we shall be saved."

"IN THE COURSE OF HISTORY,
THERE COMES A TIME WHEN
HUMANITY IS CALLED TO
SHIFT TO A NEW LEVEL OF
CONSCIOUSNESS.
TO REACH A HIGHER MORAL
GROUND. A TIME WHEN WE
HAVE TO SHED OUR FEAR AND
GIVE HOPE TO EACH OTHER.
THAT TIME IS NOW."

Wangari Maathai



Thank You!

Jackie Bouvier Copeland

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