



ECOLIFE CONSERVATION

Saving Ecosystems. Saving Lives.



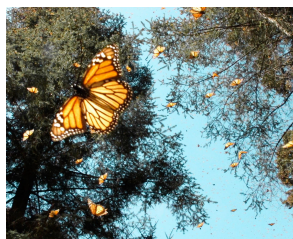
Our mission is to protect wildlife, natural resources, and the people that depend on them. Our international efforts focus on building life-saving stoves in rural households so families can breathe clean air and consume less wood.

For communities all over the world, the kitchen is the place where families gather to cook dinner, share meals, and pass down stories. However, according to the World Health Organization, nearly **three billion people cook on open-fires** in their homes.¹ Indoor air-pollution as a result of these fires leads to pulmonary disease, eye injuries, burns, and four million premature deaths per year. In addition, three billion people harvesting fuelwood everyday is a **major cause of deforestation**.

To help, ECOLIFE provides **safe stoves for families**. With cleaner air and reduced fuel dependence, children grow up healthier and spend less time collecting fuelwood, giving them more opportunities to further their education and setting them up for success and healthy lifestyles.

MONARCH BUTTERFLIES

We focus our efforts on surrounding the Monarch Butterfly Biosphere Reserve



(MBBR), a **UNESCO World Heritage Site** in Mexico where deforestation

destroys the winter home of the monarch butterfly. Each year, millions of monarchs rely on an **intact oyamel forest** for overwintering hibernation at the end of their **migration**. Even small-scale tree removal for fuelwood affects the microclimate and the butterflies' ability to survive storms.

ECOLIFE'S STOVES

The stoves we build (called "Patsari," meaning "Caretaker") were designed using feedback from actual users. They share **5 essential** commonalities:

1. Designed for **traditional cooking** methods using a flat surfaced comal for cooking tortillas and two burners for heating
2. Cool sides with an **enclosed fire** to protect children and adults from accidental burns
3. A **chimney** to funnel air pollution out of the home
4. **Locally sourced** materials, indoors, trackable, and **permanent**
5. Uses up to **60% less wood**, reducing carbon emissions & deforestation

COMMUNITY IMPACTS

Each life-saving Patsari stove costs \$150 to implement. This cost includes staff time, training, materials, supplies, overhead, and classroom education.



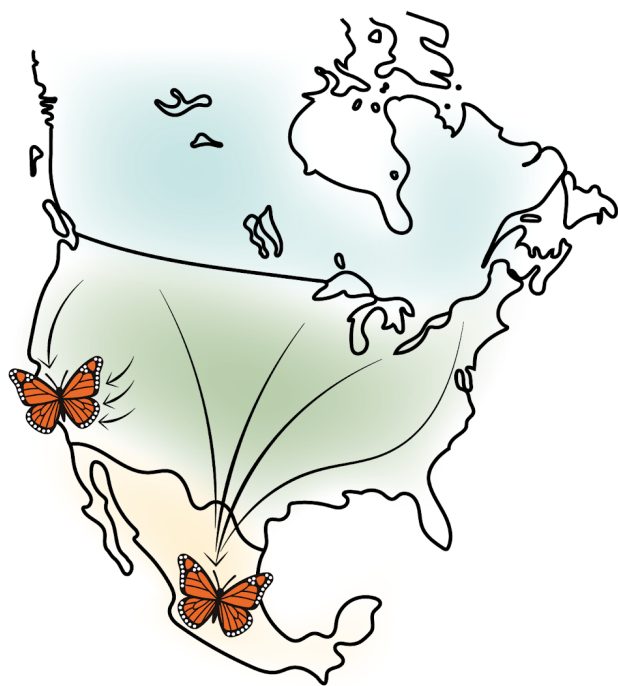
By **educating children** about the importance of these stoves and **providing job opportunities** for local individuals, we build the foundational knowledge they'll need to sustain the habitat for years to come.

¹ The World Health Organization. Household air pollution and health. 2018. Available at: www.who.int/en/news-room/fact-sheets/detail/household-air-pollution-and-health

Helping Humans and Nature Prosper Together.

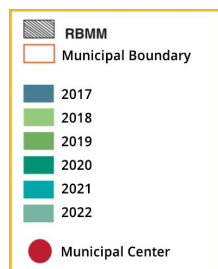


MONARCH WINTER MIGRATION ROUTE



WHERE WE WORK

Our goal is to construct **30,000 stoves** in the buffer zone surrounding the Monarch Butterfly Biosphere Reserve in **Michoacán, Mexico**.



Our team began building stoves at the southern end of the reserve, and is steadily spreading the word about the benefits of our stoves from community to community, moving up and around the reserve's perimeter.

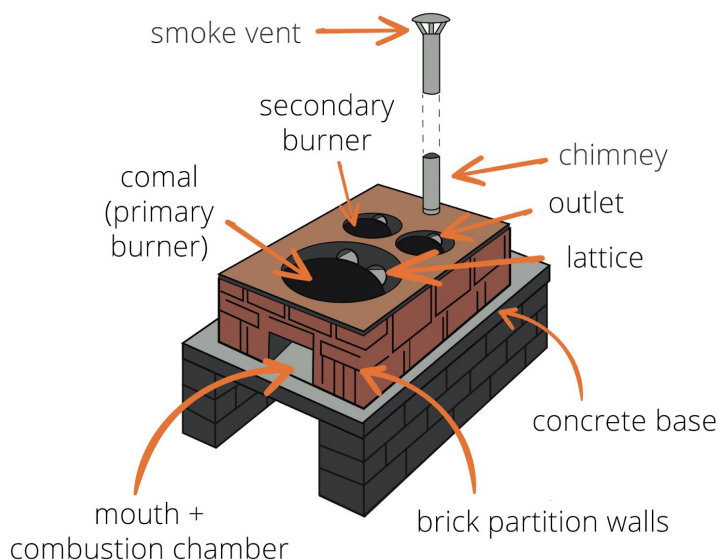
Join us in our mission to protect the monarch butterfly's migrational forest while simultaneously bring healthier options to the people that live there. We need the support of people like you to reach our goal of building 30,000 life-saving stoves for the families surrounding the Monarch Butterfly Biosphere Reserve.

Together, we can save vital ecosystems and change lives. Visit our website to make a donation!



MEET THE PATSARI

The Patsari stove is our culturally appropriate solution to protect both community health and the monarch. It **eliminates 90% of smoke** from homes and uses **60% less firewood**.



We employ local masons in each community to build and maintain the stoves, and local women to work as our "promotoras," promoters that spread the word throughout their community about all the benefits of our stoves. Even the children in the community learn about the health and environmental impacts of cooking fires.