Pivot Clean Energy Co. (Pivot) is a nonprofit industry coalition for bioethanol.

Led by experts in biofuels, health, agriculture, and household energy.

Communication, collaboration, and leadership help expand access to bioethanol solutions.

Members include producers, traders, business operators, and the wider development community.

Support the development for platforms, products, and enterprises that deliver bioethanol to households globally.

Positive economic, social, health, and environmental impacts.
4 billion do not have access to modern clean cooking solutions.

4 million are subject to premature deaths from household air pollution.

17% have access in sub-Saharan Africa.

$0.8 trillion USD is the opportunity cost of inaction annually in regard to gender.

STATE OF ACCESS TO MODERN ENERGY COOKING SERVICES
Cooking is seen primarily as a woman's role across the globe. Women are predominantly the fuel gatherers, food preparers, and responsible for cleaning and washing. Less opportunities for education, earning income, or leisure.

Health Risks
- Greater exposure to particulates from solid fuels (PM emissions) than men
  - Often 2-4 times greater
- Children born to women with high exposures suffer low birth weight and stunting.

Physical Danger
- Much greater risk of gender based violence (GBV)

5 hours Loss of time per day
As women begin to make choices in fuel and appliances, and get more involved in cooking enterprises, it may cause a shift in household dynamics and potentially social standing that could be threatening to male counterparts.

New Appliance
Women have to learn to use a new appliance that they may not feel comfortable with, or know how to use.

Cultural Implications
Certain foods are typically prepared in a traditional way; may be hard to convince families that food will taste the same.

Social Shift
As women begin to make choices in fuel and appliances, and get more involved in cooking enterprises, it may cause a shift in household dynamics and potentially social standing that could be threatening to male counterparts.
Performance
Stove performance is key in shifting mindset; the stoves burn efficiently and cleanly and can cook the same foods in the same amount of time, or faster

Affordability
The ability for women to choose an affordable, modern option, and procure additional savings through fuel purchases provides more purchasing power for women and their families

Income
With bioethanol comes many opportunities for sales, marketing, manufacturing and leadership positions. Many of these should be prioritized for women, ensuring equal opportunity within the new enterprises

Health
As the transition to cleaner fuels increases, the health risks for women and children will decrease, easing the amount of respiratory and cardiac problems, eye, nose and throat irritation, back and neck issues from collecting fuel. The reduced respiratory issues is particularly pertinent in light of COVID19
Affordable, reliable and sustainable energy (SDG-7) and gender equality (SDG-5), are key drivers for development and economic growth.