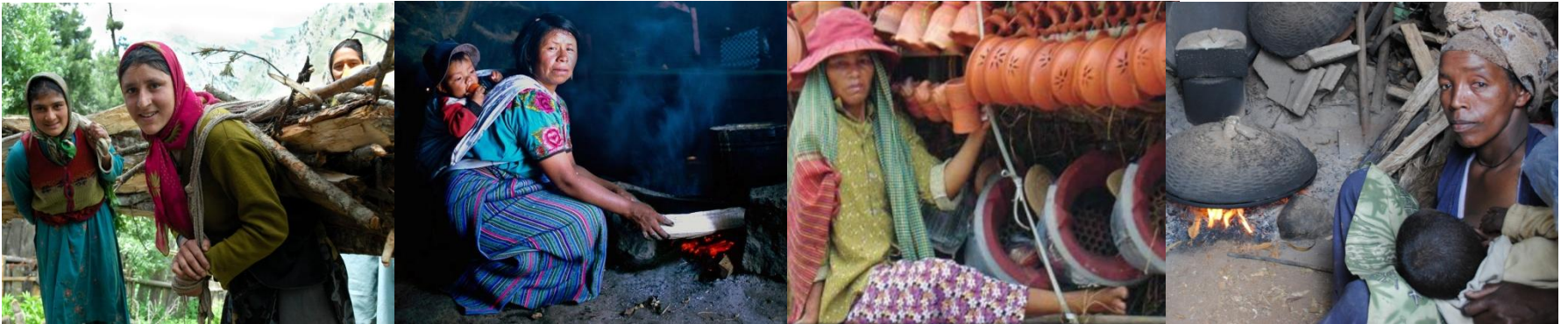




# Cookstoves in West Africa

Melinda Kimble

Senior Vice President, United Nations Foundation



# The Global Situation Today



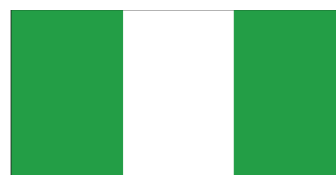
- 3 billion people still cook on traditional stoves or open fires fueled by solid fuels, and 2m die annually from smoke exposure
- Women and girls are disproportionately affected
  - Personal security at risk when out searching for “fuel”
  - Health risks such as pneumonia, heart and lung disease, cataracts, and burns
- Opportunity costs are high
  - Time could be better spent on income generation activities
  - Children could be in school
- Environment is impacted and climate change exacerbated
  - Deforestation, soil erosion, loss of biodiversity, food insecurity





# Cookstoves Landscape in ECOWAS member states

- Eight countries with 95%+ reliance on solid fuels for cooking, and four countries with 75%+ solid fuel use.
- Over 39 million people affected by household air pollution in the region, including more than 215,000 deaths per year.
- More than 200 Alliance partners working in the cookstove sector in ECOWAS countries



# Old Issue, Renewed Momentum

## Why Now?



- Development of new stove technologies
- Private sector interest in Base of Pyramid
- Convergence of players and new approaches
- Availability of innovative carbon and micro financing
- Strong empirical evidence on health and environmental effects
- Ownership and excitement at national country level





# The Alliance



*The Global Alliance for Clean Cookstoves is an innovative public-private partnership to create a thriving global market for clean and efficient cookstoves and fuels.*



**Save Lives**

**Empower Women**



**Improve Livelihoods**

**Combat Climate Change**



## Vision

*Universal adoption of clean and efficient cooking solutions*

## Key Milestone

*100 million households adopt clean  
and efficient stoves and fuels by 2020*



# Donors and Country Partners

Over 275 Alliance Partners!

## Donor Countries

Canada



Denmark



Finland



Germany



Italy



Ireland



Malta



Netherlands



Norway



Spain



United Kingdom



United States



## Private Sector

*DOW CORNING*



Morgan Stanley

**Deloitte.**

BAKER & MCKENZIE

B/S/H/

## NGO and MFI

UNITED NATIONS  
FOUNDATION



SHELL  
FOUNDATION

BARR  
FOUNDATION

SNV  
Connecting People's Capacities

THE  
WORLD  
BANK

OSPREY FOUNDATION

## National Partners

Afghanistan  
Bangladesh  
Burkina Faso  
Cambodia  
Colombia  
El Salvador  
Ethiopia  
Guatemala  
Kenya  
Lesotho  
Nepal  
Nigeria  
Rwanda  
Tanzania  
Peru  
Viet Nam  
Uganda  
Central American  
Integration System

# Alliance Principles



- Focus on **high quality approaches** that can be brought to **scale**
- Be technology and fuel neutral – but gradually **drive solutions and markets towards advanced or super-clean options**
- **Build on** the ongoing tremendous work, knowledge, and **expertise of our partners** within the sector **without reinventing the wheel** or duplicating efforts
- Bring **new partners and donors** to the table
- **Consumers** will be at the heart of our efforts
- Foster a **market-based approach** (without directly selling stoves) to reach and sustain scale, while also **ensuring that vulnerable populations have access** to clean cooking solutions
- **Metrics and evaluation** will be a key component of our approach



# Alliance Global Value Proposition



# Alliance Convened the Sector to Develop a Cohesive Strategy

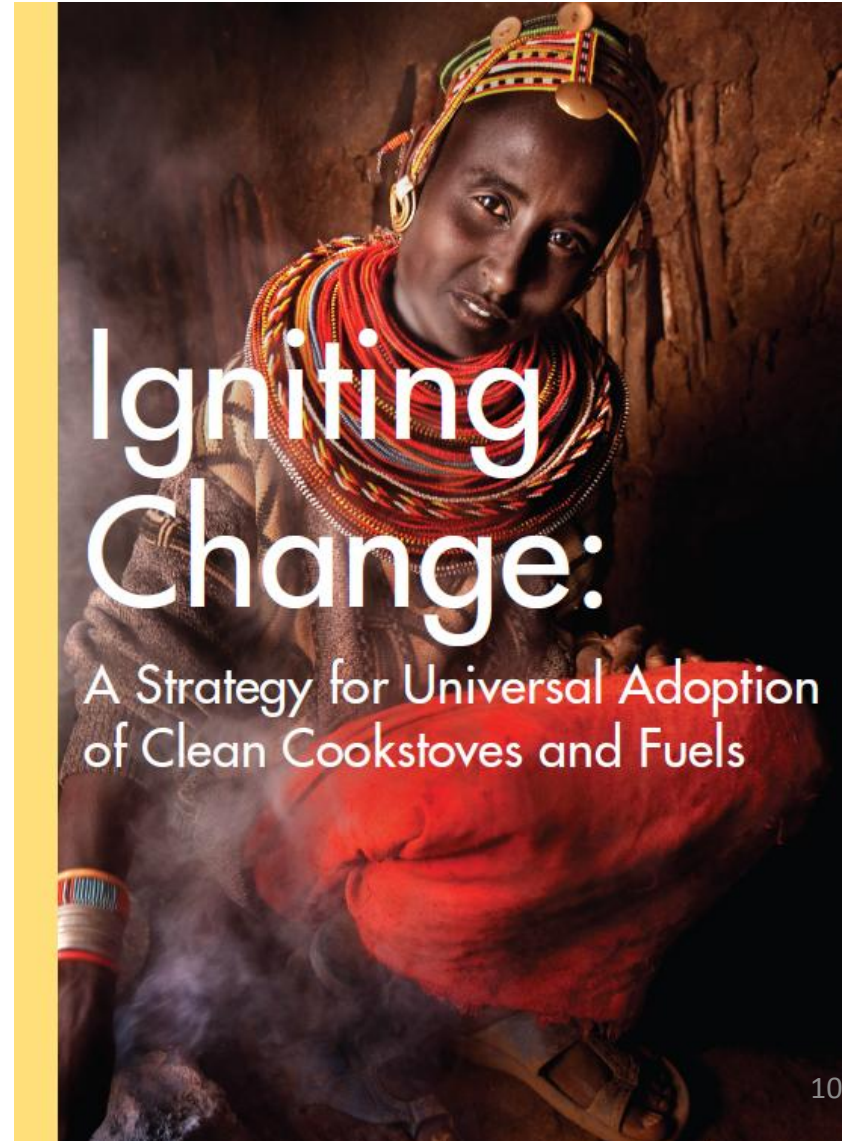
*More than 350  
practitioners and experts*

*11 expert Working Groups*

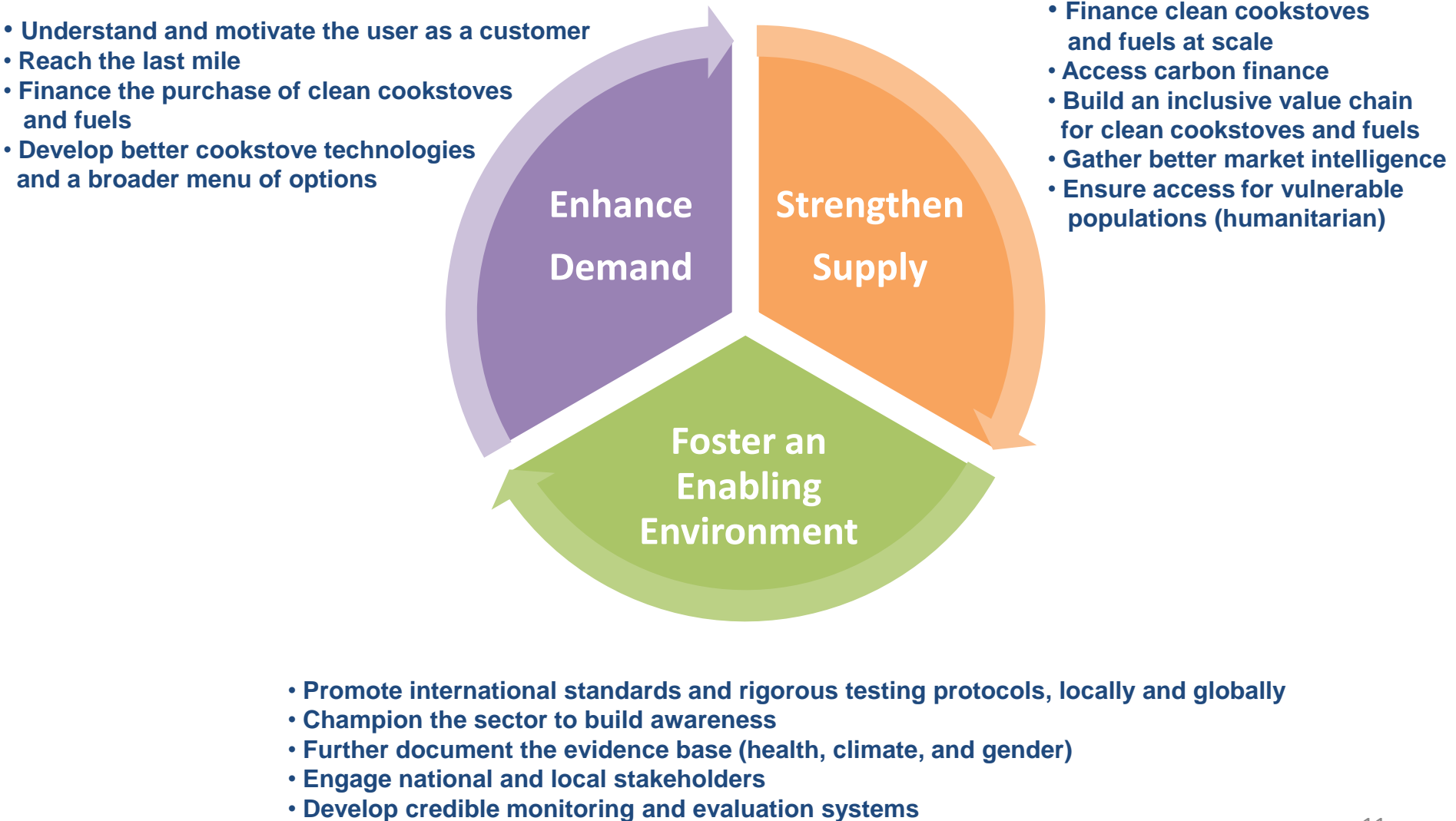
*8 months of engagement*



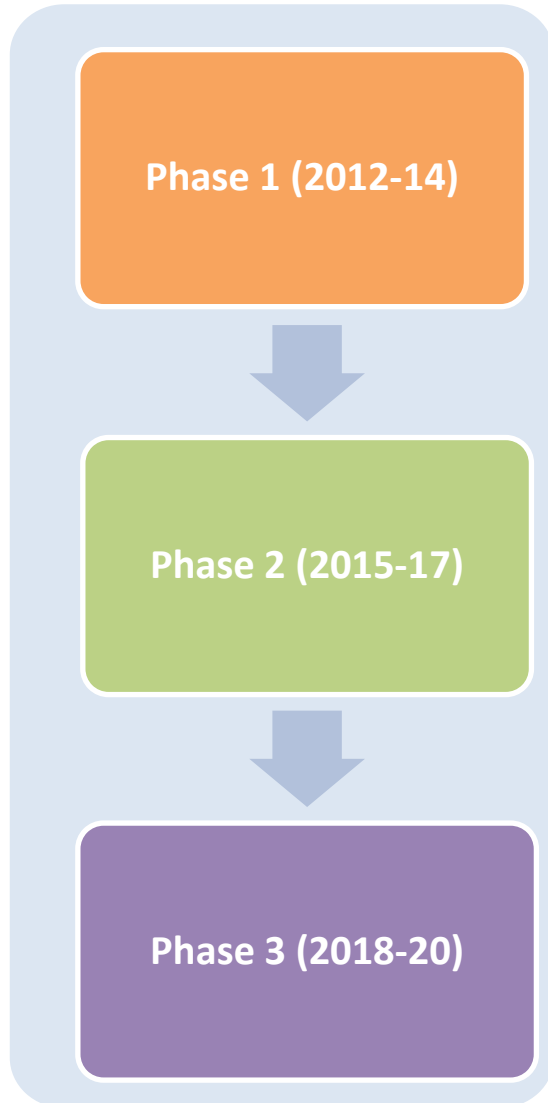
*Strategy report released  
last November!*



# Three-Pronged Strategy to Spur the Sector



# Three-Phased Approach



Phase 1 (2012-14)

*Launch global and in country efforts to rapidly grow the sector*

Phase 2 (2015-17)

*Drive investments, innovation, and operations to scale.*

Phase 3 (2018-20)

*Establish a thriving and sustainable global market for clean cookstoves and fuels*



# What Does Success Look Like in 10 Years' Time?



- Demonstration of the health, climate and economic benefits of clean and efficient cooking solutions through development of a robust research, monitoring and evaluation agenda;
- Adoption of 100 million clean and efficient cookstoves by 2020 (roughly 20 percent of the globally affected population);
- Investments to address the issue on par with funding for other public health and environmental risks of a similar severity; and
- Development of a mature global cookstoves sector that can supply clean and efficient cooking solutions – stoves and/or fuels – to the developing world at scale and at low cost.

