

CLEAN COOKING FUND

MAY 2023



WHAT IS CLEAN COOKING FUND?

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- Leverage World Bank/Multilateral Development Banks finance and attract private-sector **investments** in the clean cooking sector.
- Catalyze technology and business **innovations** by providing incentives for players across clean-cooking value chains.
- Link incentive payments with verified results at the output, outcome, and **impact** levels.



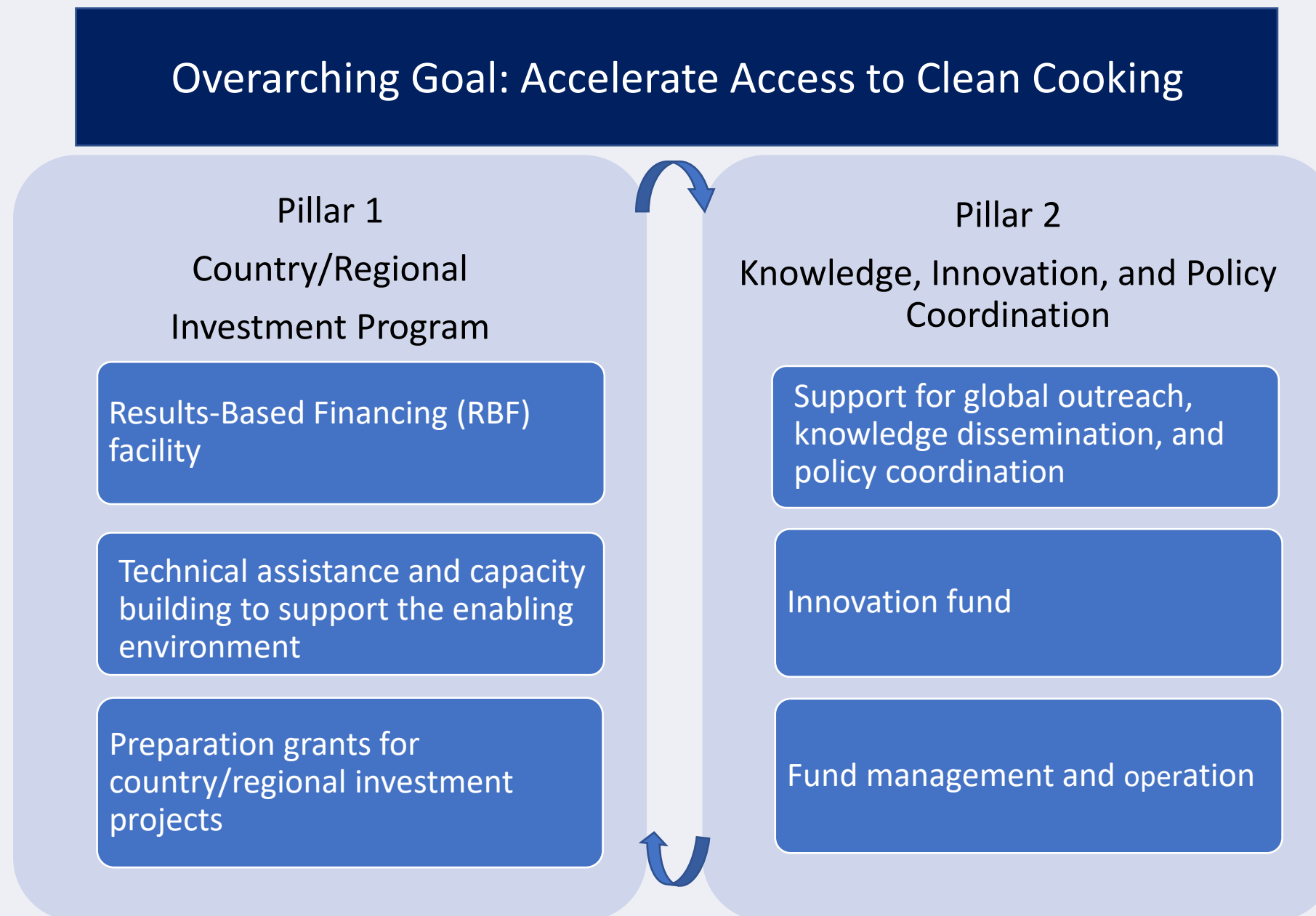
US\$500 MILLION TO CATALYZE \$2 BILLION IN INVESTMENTS AND REACH 200 MILLION PEOPLE

- Support a sizable stream of businesses along the supply chain delivering clean cooking solutions.
- Develop an impact bond market for the clean cooking sector to attract a broad range of funding.



REPLICATION AND SCALE-UP

Universal Access to Clean Cooking



SUPPORT MARKET DEVELOPMENT TOWARD LONG-TERM SUSTAINABILITY

CLEAN COOKING FUND FUNCTIONS

- Correct a temporary market failure by monetizing full co-benefits of clean cooking interventions not currently priced in by the market.
- Subsidize market actors' costs to build customer awareness and market adoption.
- Develop evidence base and track record to crowd in new RBF buyers and future commercial financiers.
- Act as a revenue source to attract upfront private-investment funding for project developers.

NEARER-TERM...

Donor subsidization



Addresses immediate financial bottlenecks to **accelerate market adoption**

Pilots provide **proof of concept** and evidence base for co-benefits monetization

If continued payment support is needed, can transition to **government funding**

MEDIUM-TERM...

Government support



Immediate financial **bottlenecks have been unblocked**

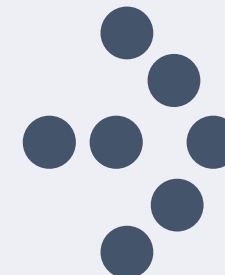
Value proposition has been clearly demonstrated to market actors

LONGER-TERM...

Self-sustaining market

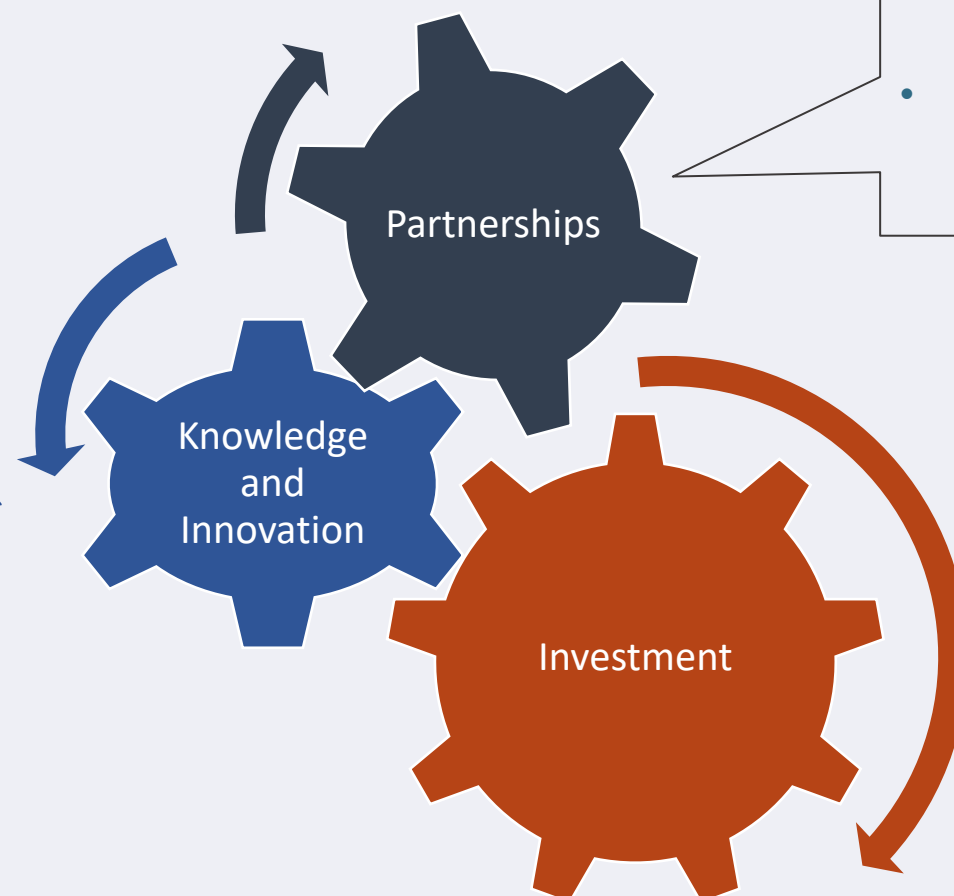


Viability of clean cooking business models attracts more **private investment**



Clean Cooking Fund is improving the cooking ecosystem through knowledge, investment, and partnership

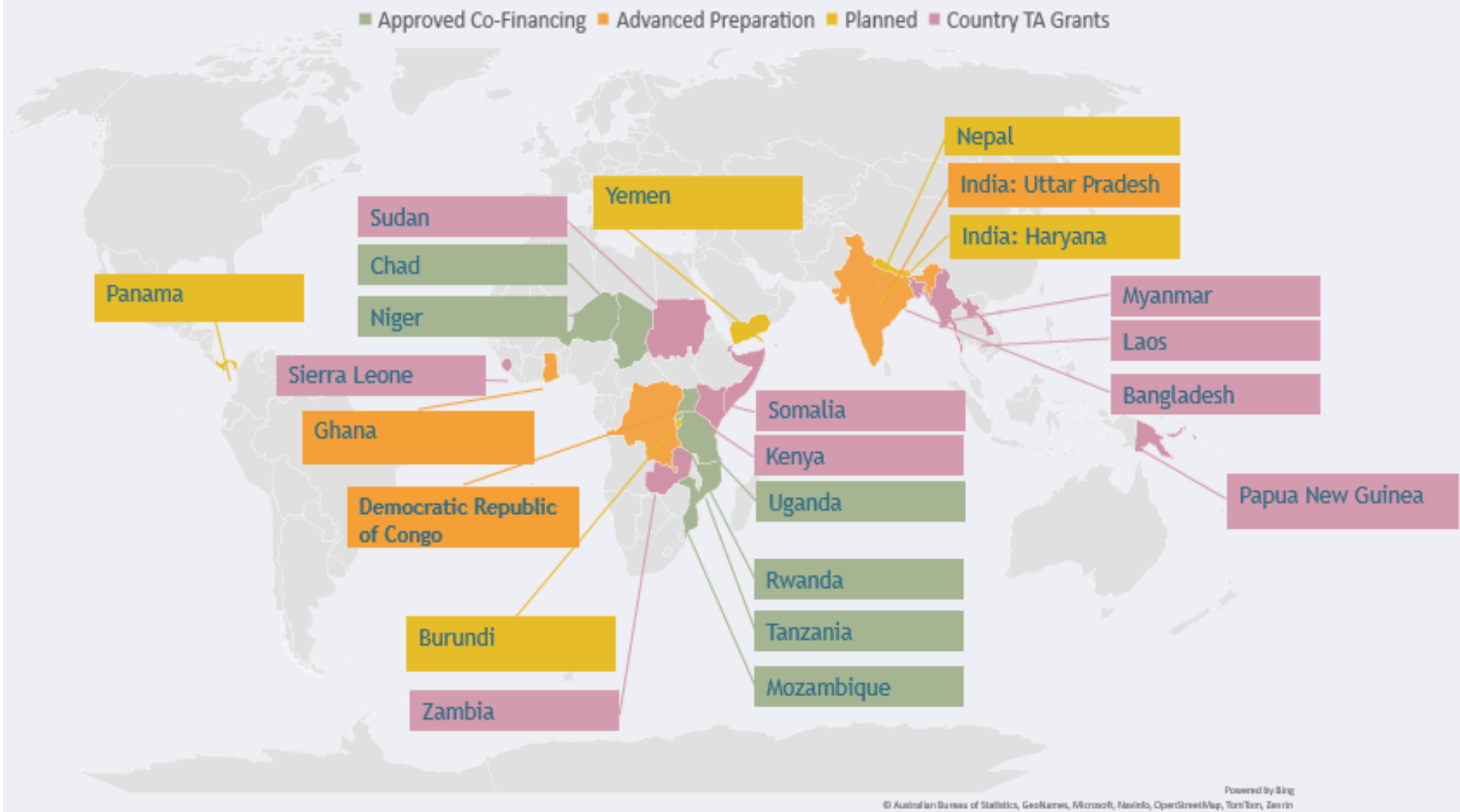
- Flagship reports
- Tools and databases
- Technical reports
- Country assessments
- Just-in-time advice
- Knowledge exchange and learning



- Internal Partners
 - Cross-sectoral expertise
 - Joint analytics and upstream integration of WB policies/strategies
- External Partners
 - Global outreach for political commitment
 - Program coordination and collaboration

- Providing country TA grants to support project identification, preparation, and supervision.
- Co-financing and leveraging IDA/IBRD investments.

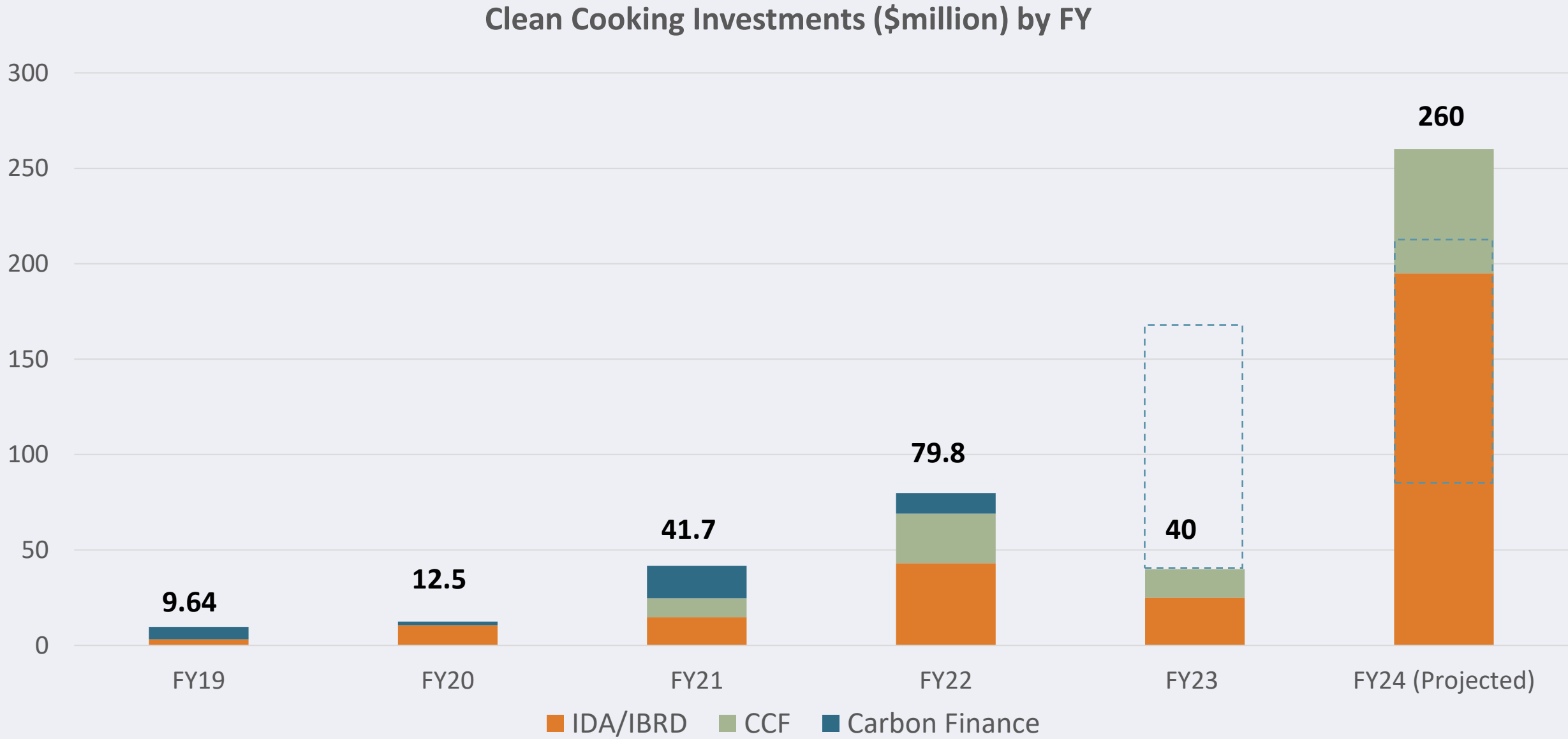
CCF'S INVESTMENT CONTINUES TO EXPAND



CCF Key Statistics

| | |
|--|------------------|
| CCF co-financing (allocated) | \$60.64 million |
| CCF co-financing (under implementation) | \$40.64 million |
| CCF country TA grants | \$3.07 million |
| Public financing leverage | \$68.81 million |
| Private financing leverage | \$80.34 million |
| # of people with access to clean cooking | 11.08 million |
| Pipeline co-financing demand | \$70-200 million |

CCF is scaling up WB financing on clean cooking



Note: \$130 million pipeline projects (Ghana and India Uttar Pradesh) slipped from FY23 delivery to FY24 delivery

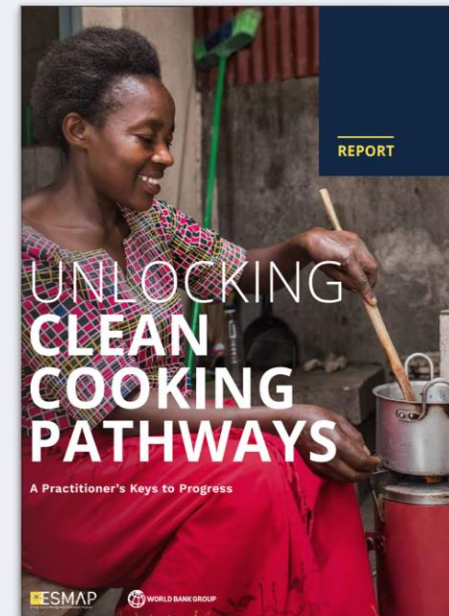
CCF'S KNOWLEDGE PILLAR DELIVERS CAPACITY BUILDING, PUBLICATIONS, AND TOOLS

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KNOWLEDGE EXCHANGE WORKSHOP, GHANA



PUBLICATIONS



TOOLS & E-LEARNING COURSES



The Hidden Side of Energy Access 2.0: Deep Dive on Behavioural Science Applied to Clean Cooking

SELF-PACED E-COURSE

ENROLL NOW

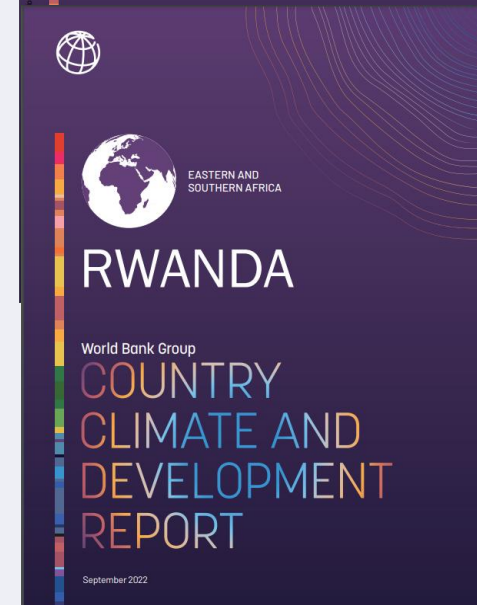


La face cachée de l'accès à l'énergie: comprendre la cuisine propre

Un cours en quatre modules explorant l'état de l'accès aux services modernes de cuisson énergétique.

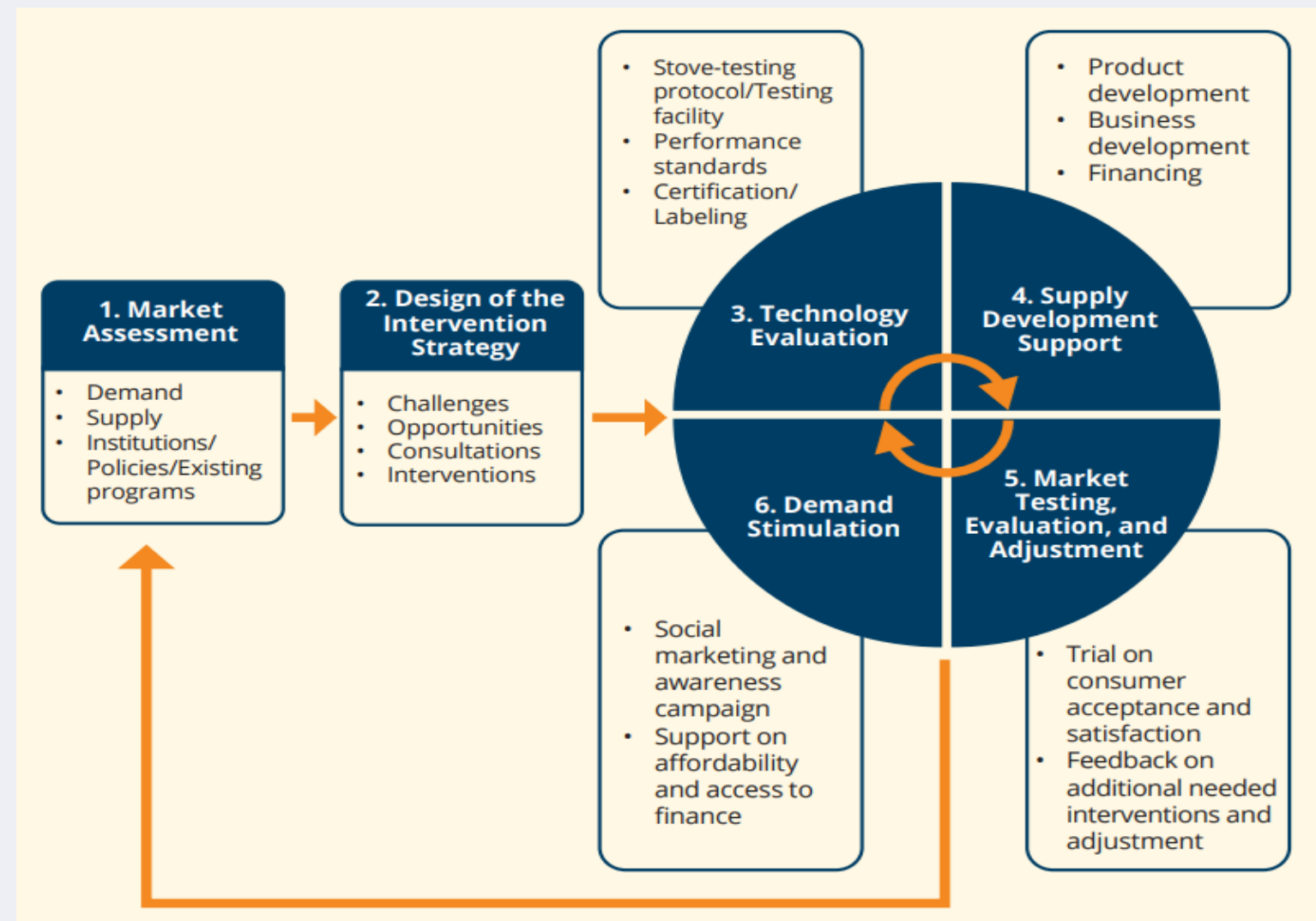
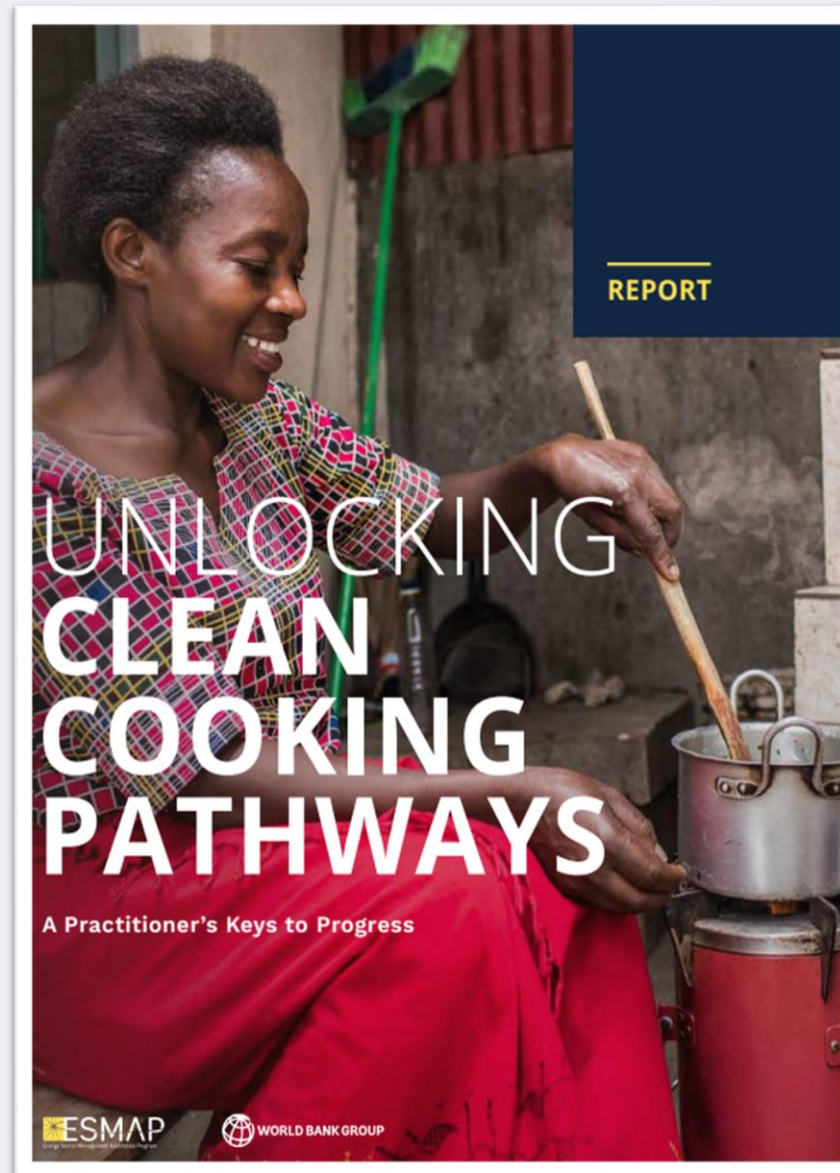


WB STRATEGIC DOCUMENTS



UNLOCKING CLEAN COOKING PATHWAYS: A PRACTITIONER'S KEYS TO PROGRESS

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Target audience: Project task teams, development partners, policy makers, implementing agency staff, and practitioners

Country Climate and Development Report (CCDR)

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CCF's Contribution to CCDRs – The World Bank's New Upstream Strategic Documents that help inform the Systematic Country Diagnostic (SCD) and Country Partnership Frameworks (CPF)

Country coverage of FY22 CCDRs (published)

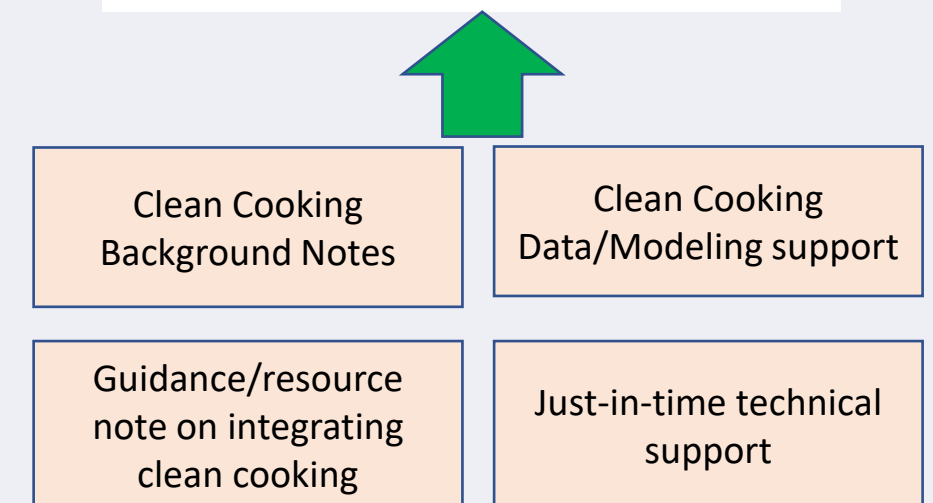
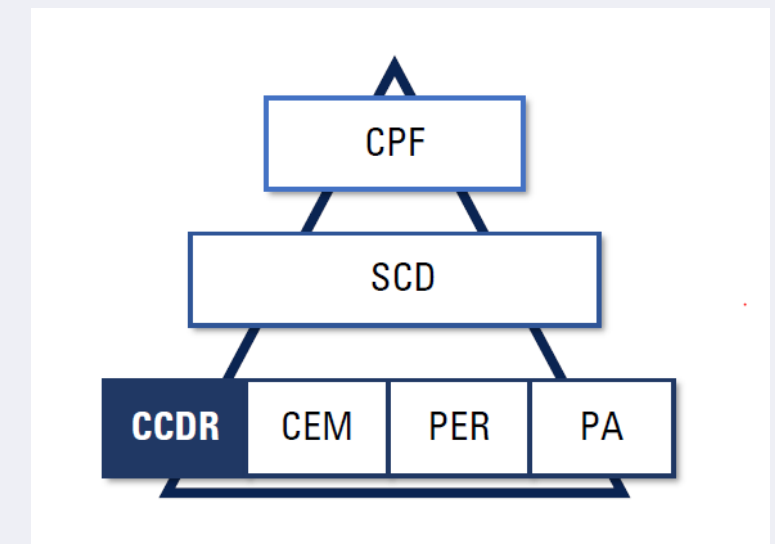
- **AFE:** Malawi, Mozambique, Rwanda
- **AFW:** Sahel G5 (Burkina Faso, Chad, Mali, Mauritania, and Niger), Ghana

Country coverage of FY23 CCDRs:

- **AFE:** DRC, Kenya
- **AFW:** Cote d'Ivoire, Guinea-Bissau, Liberia



- Clean cooking has been identified as one of the **main policy issues** tackled in the CCDRs
- Clean cooking is a cost-effective intervention for the climate change agenda, especially for access-deficit countries



RWANDA: ENERGY ACCESS AND QUALITY IMPROVEMENT PROJECT (UPDATE)

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SCOPE OF ESMAP SUPPORT

- **US\$ 13.15 million RETF** and US\$0.4 million BETF grant from the Clean Cooking Fund
- Lead the component design and implementation
- Hands-on technical advice on stove testing and qualifications which were formulated into the **Ministerial Guidelines on Clean Cooking Technologies**
- Coordinated with carbon finance unit on methodologies and RBF financing structure

UNIQUE PROJECT FEATURES

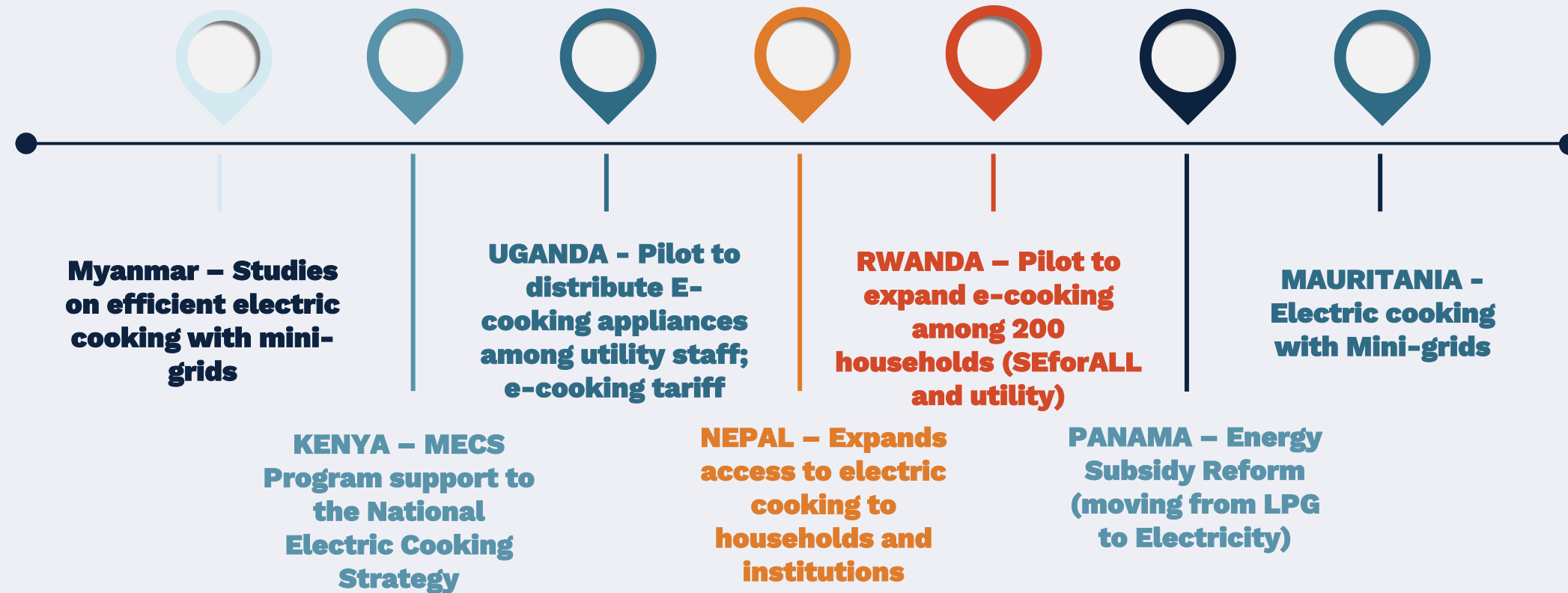
- The first CCF co-financed project
- The **pro-poor RBF** system has been established and running with more than **50,000 sales**.
- **39 cooking technologies** were tested eligible for the RBF with a wide varieties.
- Carbon finance is mobilized, and carbon revenue will be used to replenish the RBF.
- The WB is supporting the government to set up the standardized crediting framework.

EXPECTED RESULTS

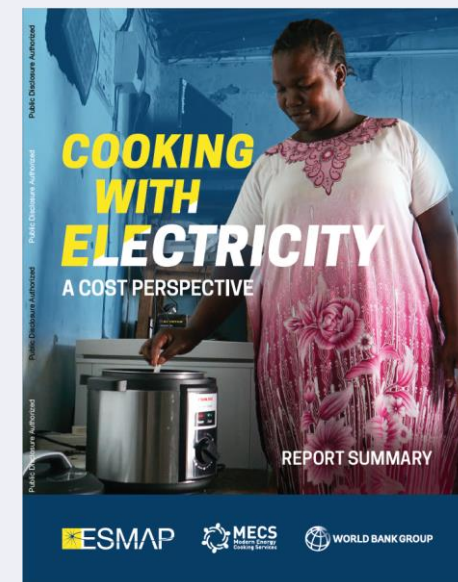
- **Targets of 3.01 million people** with access to clean cooking
- **US\$ 20 million clean cooking support** (approved in FY21)
- **Additional finance \$3.15 million for institutional cooking and \$10.81 million carbon finance** (approved in FY22)
- Result-based finance (RBF) program (US\$ 17 million)
- **Technical assistance** (US\$ 3.3 million)
- **Institutional cooking:** \$2.85 million for 150 schools

COOKING WITH ELECTRICITY

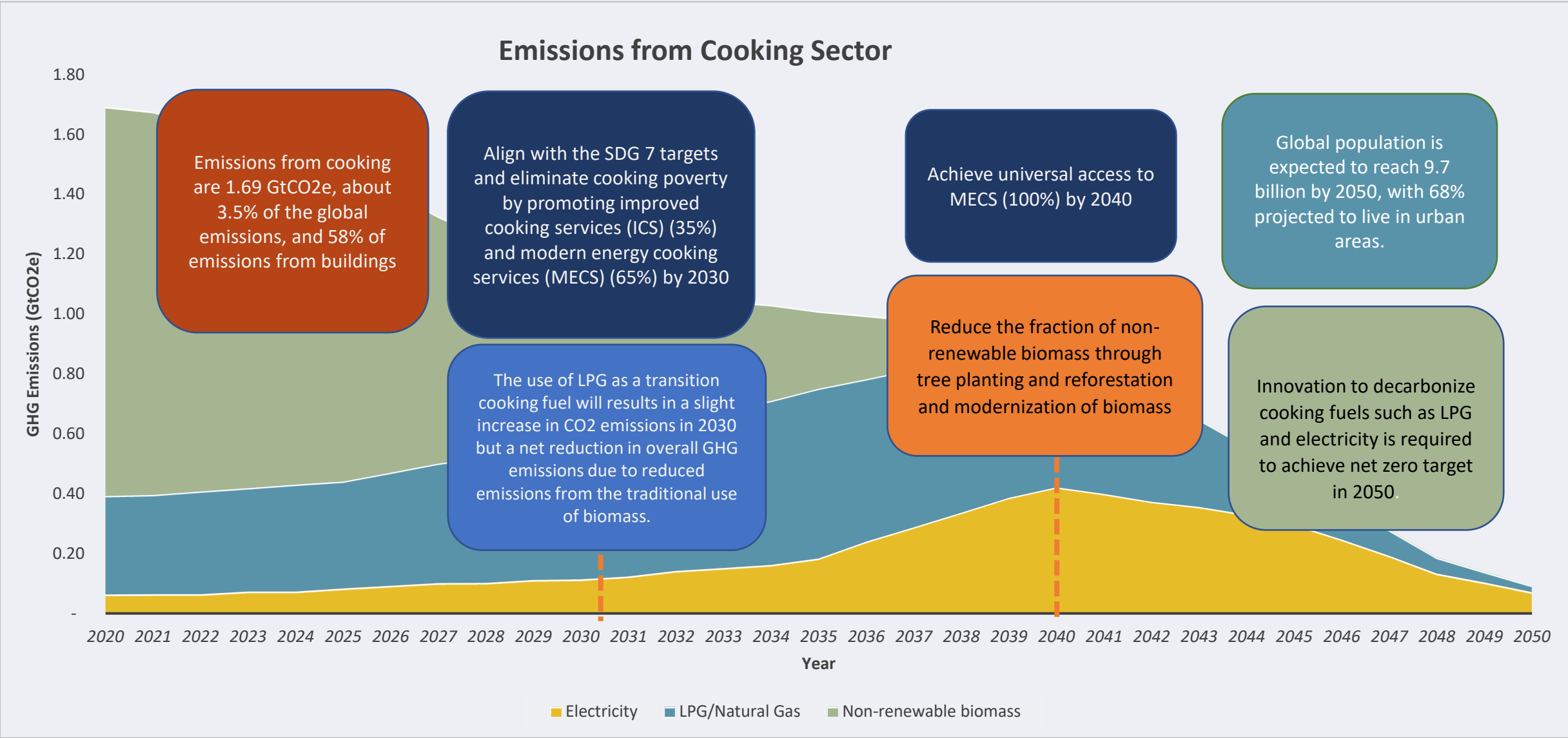
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- There is increasing demand for studies, pilots, and technical support for cooking solutions with electricity.
- Under the MECS Program, Loughborough University and CCF are supporting knowledge and innovation on e-cooking.



PROPOSED GLOBAL ROADMAP ON ACHIEVING NET-ZERO CLEAN COOKING BY 2050



| US\$ billion per year | 2020- 2030 | 2030-2040 |
|----------------------------|------------|-----------|
| Estimated Investment Costs | 7.5 | 13 |
| Estimated Benefits | 192 | 232 |

CCF RETF & BETF PIPELINE

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| Country/ Region | Project Title | P Number | Estimated BETF (US\$) | Estimated RETF (US\$) | Expected Outcomes # millions of people provided with access to clean cooking |
|------------------------------------|--|----------|--------------------------|-----------------------|---|
| PIPELINE under Preparation | | | | | |
| DRC | DRC Forest and Savanna Restoration Investment Program | P178642 | 300,000 | 10 million | 2.5 milliom |
| India | India - Uttar Pradesh Clean Air Management Project | P178053 | 300,000 | 10 -100 million | 7 million |
| Ghana | Ghana Energy Sector Recovery PforR Project (ESRP) | P163984 | 300,000 | 10 million | 1.8 million |
| PIPELINE under concept development | | | | | |
| India | Haryana Clean Air and Sustainable Development Program | P179733 | 300,000 | 10 -50 million | 3.4 million |
| Burundi | Burundi Solar Energy in Local Communities (SOLEIL- Nyakiriza) | P164435 | 300,000 | 10 million | 1.5 million |
| Yemen | Yemen Emergency Electricity Access Project | P178347 | 300,000 | 10 million | 1 million |
| Nepal | Nepal Energy Sector Reform Program in Nepal | P171183 | 300,000 | 10 million | 0.9 million |
| Panama | Panama Climate Resilience and Green Growth DPL | P179817 | 150,000 | N/A | TBC |
| | | | | | |
| | TOTAL | | 2,250,000 | 70 - 200 million | 18.1 million |

THANK YOU.

