MARKET-BASED PROMOTION OF ELECTRIC COOKING THROUGH THE
Sustainable Energy Challenge Fund

20th November 2023
CONTENTS

Barriers to Electric Cooking
Why Market-based Approach?
Sustainable Energy Challenge Fund
Achievements
Lessons Learned
Way Forward
BARRIERS

High Upfront Cost

Wiring and meter capacity

After sales service

Behavioural change
WHY MARKET BASED APPROACH?

Self-sustaining

Market for Local Financial Institutions

Loan with EMI close to energy savings

Bulk procurement reduces costs
Public incentive scheme to support private sector in DSE development

Implemented by AEPC through CREF

Nepal Renewable Energy Programme

Government of Nepal Programme supported by the UK Government

Demand Aggregation Window

Provides market development and promotion support
About 20,000 electric cookstoves delivered to households by 7 MFIs
My Electric Induction Cooker has helped me save money and time!

No Smoke!
Less messy than cooking with dung cakes
Less expensive than LPG

• Loan from MFI
• Upgrading of wiring
LESSONS LEARNED

Strengthen electricity distribution infrastructure

Enhance supply chain

Different promotion efforts in same area can confuse end users

Provide wiring improvement support to low-income households
WAY FORWARD

Harmonized approach

Supply chain strengthening, including after sales service

Public investment in upgrading electricity distribution infrastructure
THANK YOU!