

20 years EnDev in Mekong

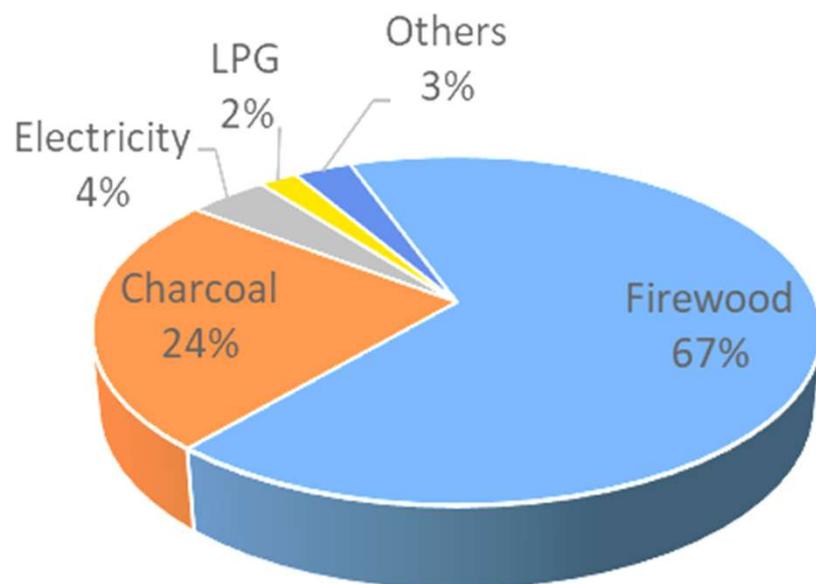
Inclusive Clean Cooking Transition in Laos: Driving Systemic Change

Siem Reap, 22 Oct 2025



Energy Sources for Cooking in Laos

! 91% of the population uses solid biomass for cooking & heating



Source: 4th Census, 2015



PC: SNV Laos





! 8,000+ lives lost annually — mostly women and children.

! 3.5% of GDP lost to indoor air pollution impacts.



🌳 10 millions trees lost per year for cooking

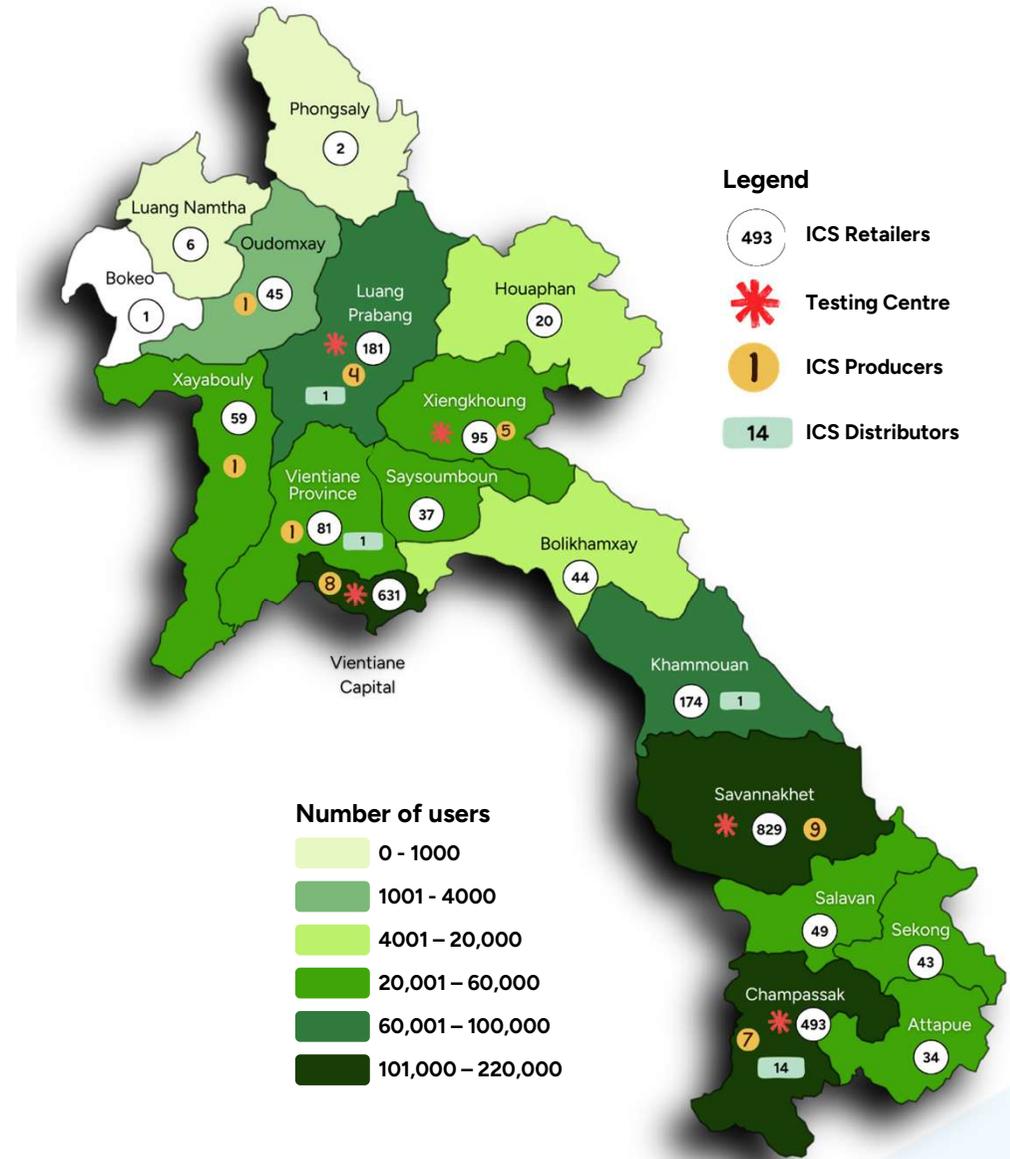
🌍 6 millions tons of CO2e released annually from biomass use

EnDev's Key Approaches in Laos

1. 💡 **Demand Activation:** Awareness, behavior change, incentives, etc.
2. 🏭 **Supply Chain Development:** Strengthening local production, distribution, and retail networks.
3. 🏛️ **Enabling Environment:** Establishing testing facilities, technical standards, and the National eCooking Strategy.
4. ⚙️ **Strategic Approaches:**
 - 🌱 **Leave No One Behind:** Targeting vulnerable and low-income households.
 - 🌞 **Piloting Smoke-Free Village Approach:** To Promoting eCooking
 - ⚡ **Productive Use of Energy:** Clean cooking access for institutions and MSMEs.

EnDev's Contribution: Building a Nationwide Improved Cookstove (ICS) Ecosystem

- ✓ ICS Producers: 35
- ✓ Distributors: 17
- ✓ Retailers: 2824
- ✓ Stove Testing Centres: 6



Key Achievements in Improved CookStove (ICS) Sector [2017-2025]

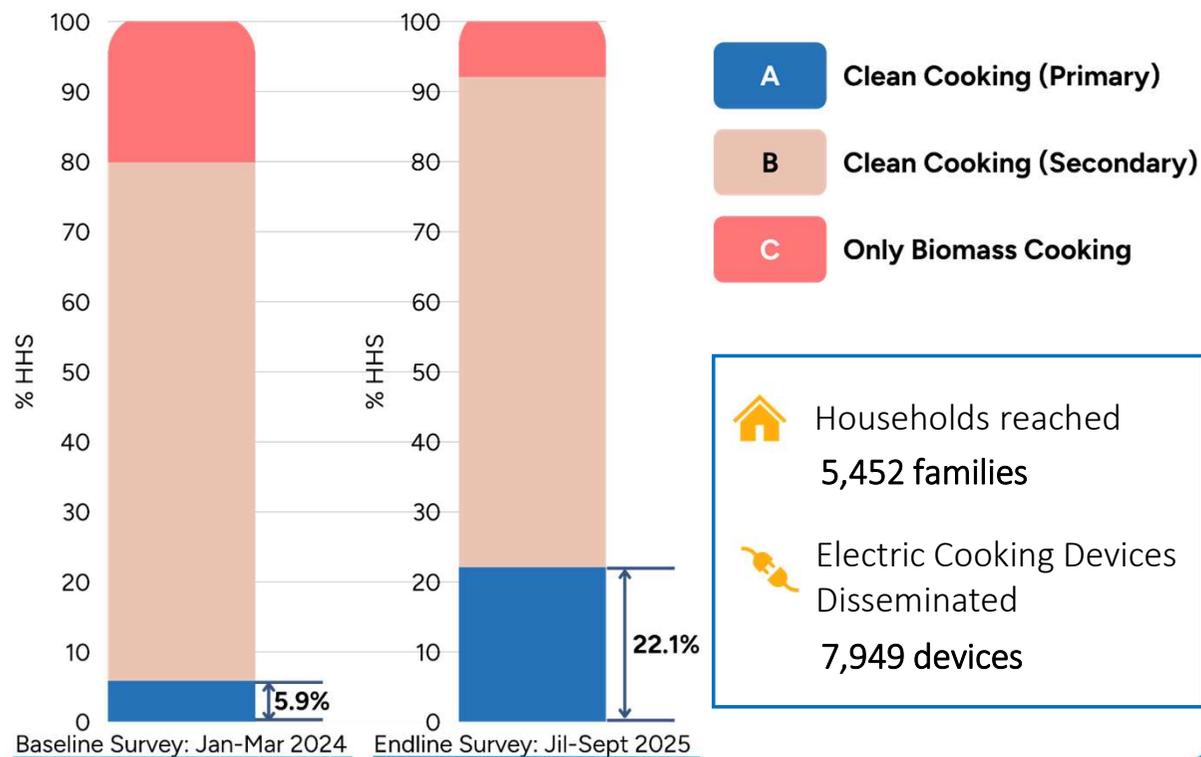
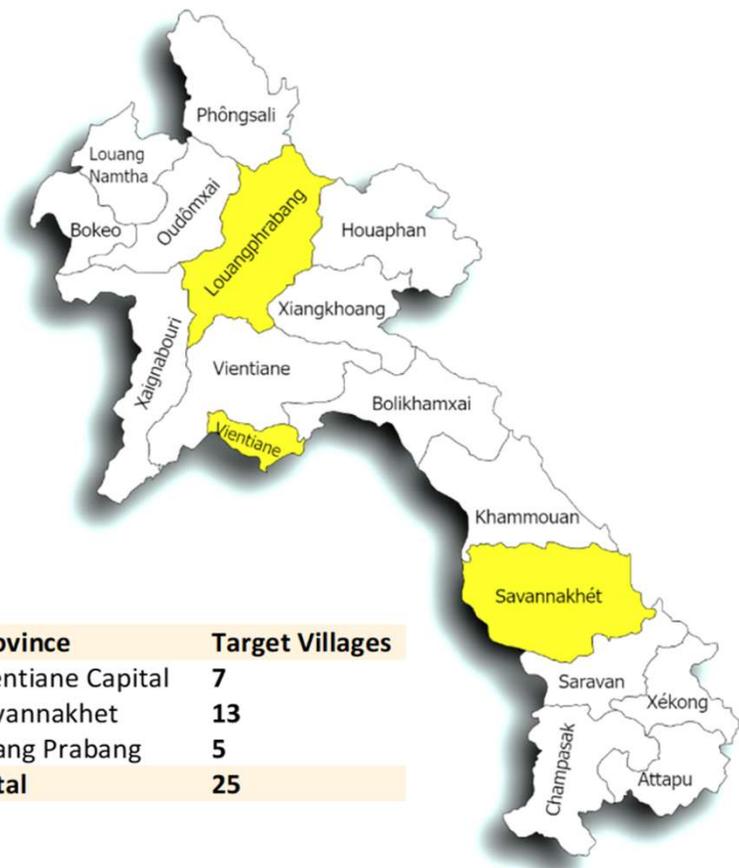


<ul style="list-style-type: none"> 950,000 ICS disseminated 	<ul style="list-style-type: none"> 2.6 M tress saved 	<ul style="list-style-type: none"> US\$ 3.8 M turnover at retail level Fuelwood saving : US\$ 72.8 M (equivalent) 
<ul style="list-style-type: none"> 3000 jobs created in supply chain 	<ul style="list-style-type: none"> 50% jobs owned by women LWU: Promotional Partner 	<ul style="list-style-type: none"> Total Emission Reduction: 1.05 MtCO2e 

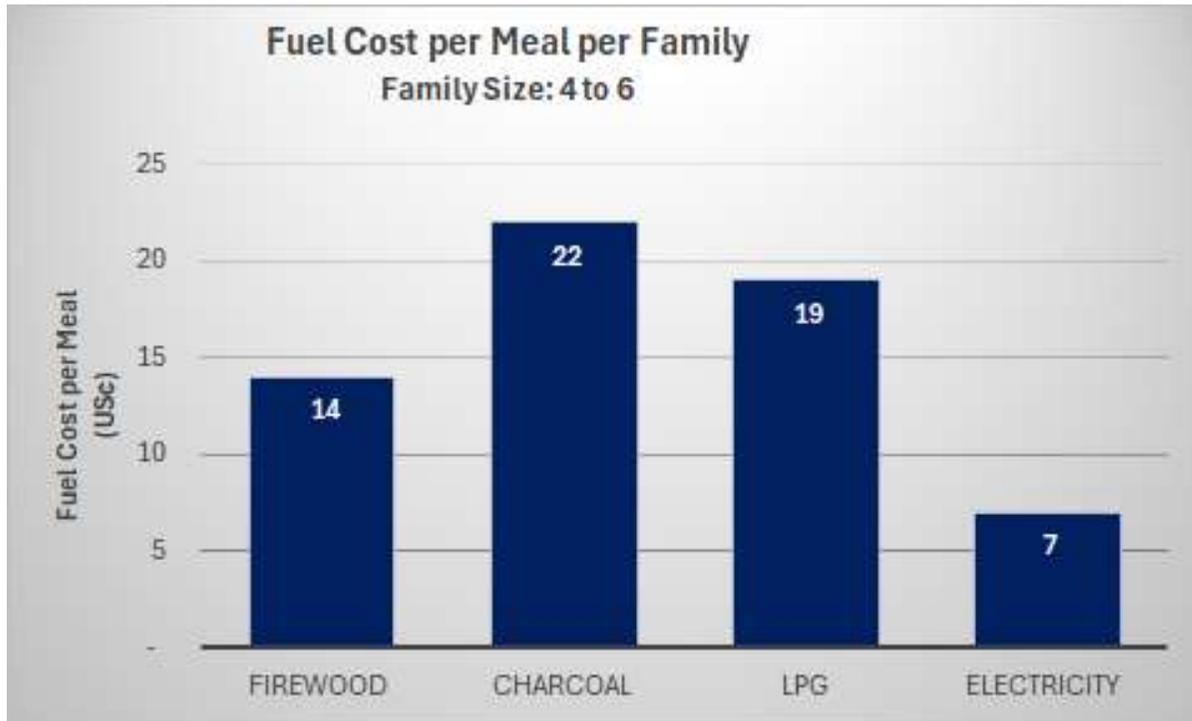
Smoke Free Village Approach



Achievements under the Smoke-Free Village Pilot Initiative to Promote



Controlled Cooking Test



Leave No-One Behind

Target:

- Vulnerable and low-income households
- Institutions serving persons with disabilities



~ 8K
Stoves

~ 21K
people



Productive Use of Energy



Jobs Creation in Local Market

SNV

"I feel empowered and financially secure. I'm inspired to do more — maybe even start my own business soon."

Ms Yong is a production worker at the ICS Factory in Vientiane Capital, earning an average of USD 300 per month.



Knowledge Product

1. eCooking Mobile App
2. eCookbook
3. Webpage Case studies and Stories
4. Videos

Digital tool for eCooking Awareness



Android



iOS



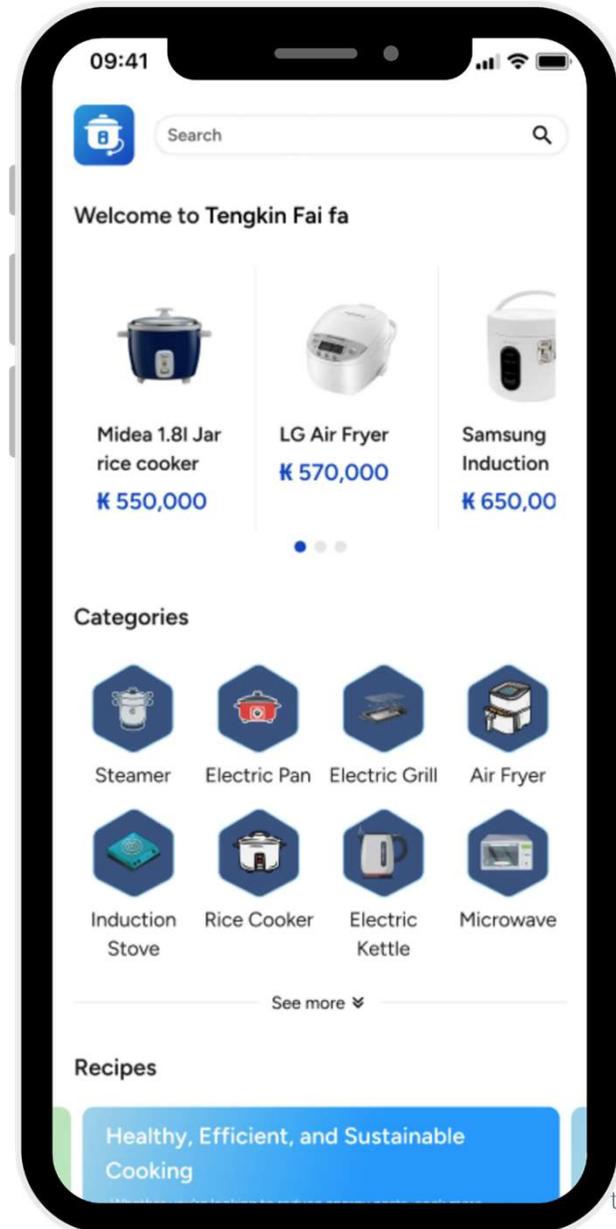
Tengkin Faifa (Lao for Electric Stove) is a mobile app (Lao and English) designed to raise awareness of electric cooking and support informed decision-making

Key Features

- Browse Appliances:** Explore a variety of electric cooking appliances with descriptions and pricing.
- Compare Options:** Compare features and costs to make informed choices.
- Watch Recipe Videos:** Learn how to cook local dishes using electric appliances.
- Usage Guides:** Step by step instructions for safe and efficient use.



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Lessons Learned

- **Focus on health factors rather than cost** in behavior change communication (BCC) in those areas where there is easy to biomass fuel.
- **Utilize various platforms to discuss eCookstoves**, aiming to reach a wider audience with information.
- **Engage local government/agency** in progress monitoring to create ownership of the initiative, while providing continuous support to ensure data quality.
- Shift incentives from **‘cooking devices’** to **‘cooking fuel (electricity)’**.



Thank you



Impact
that matters