

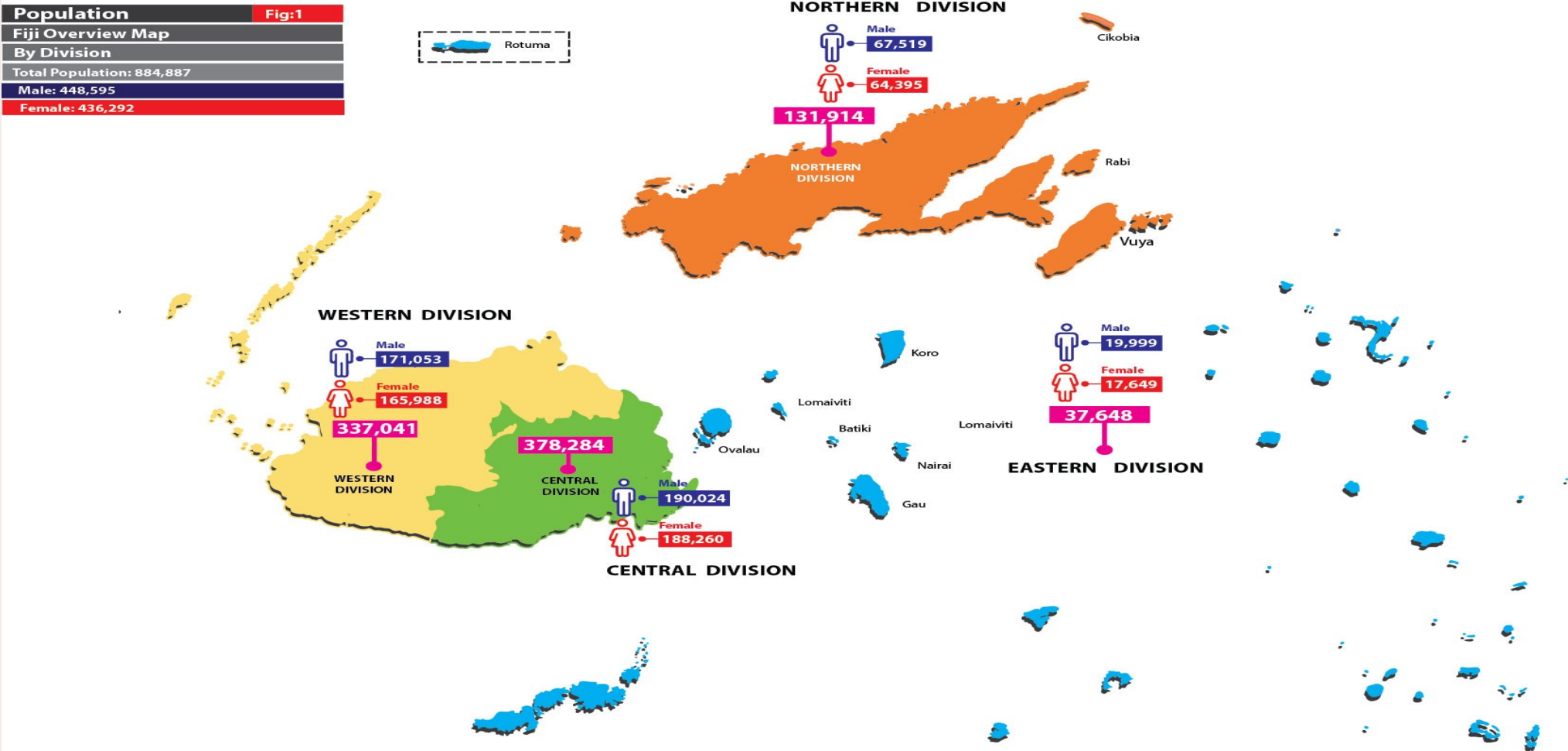
ASIAN CLEAN ENERGY FORUM ADB HEADQUATERS - MANILA

CLEAN COOKING IN FIJI

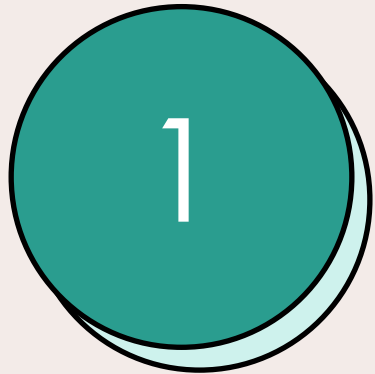
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POPULATION OF FIJI



OVERVIEW



Introduction &
Insights



Sources of
Cooking in Fiji



Overview of
Energy
Transition Plan
& SDG 7
Roadmap for



CURRENT
SOLUTIONS



CHALLENGES &
RECOMMENDATIONS

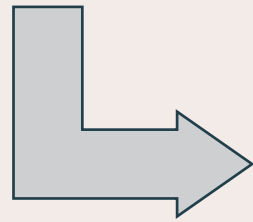
INTRODUCTION

- DEFINITION OF CLEAN COOKING?
- Cooking related to domestic Households use
- WHO – “ clean at point of use” i.e. electricity, gas, ethanol, solar, and highest performing biomass stoves.
- Kerosene and Open fire are not considered clean.

INSIGHTS OF CLEAN COOKING

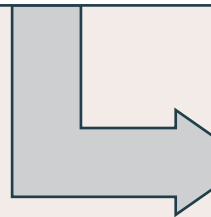
Clean Cooking

- Improved cooking Stoves
- LPG – Liquid Petroleum Gas
- Biogas



Intermediate Outcomes

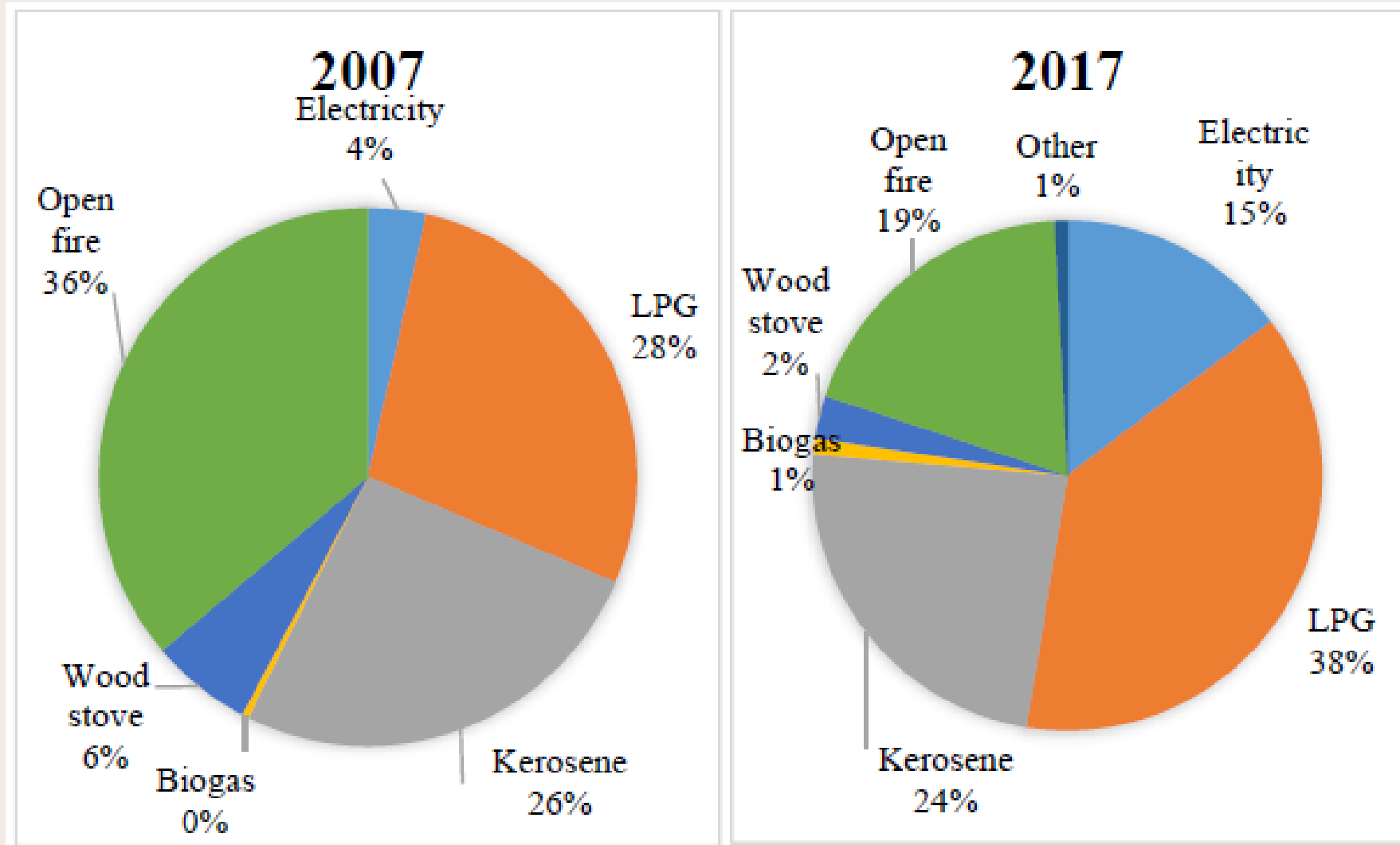
- Less air pollution
- Less time gathering fuel
- Faster time to prepare for food.



Long Term Impacts

- Increased productivity
- Women's Empowerment
- Improved Health
- Reduced Deforestation

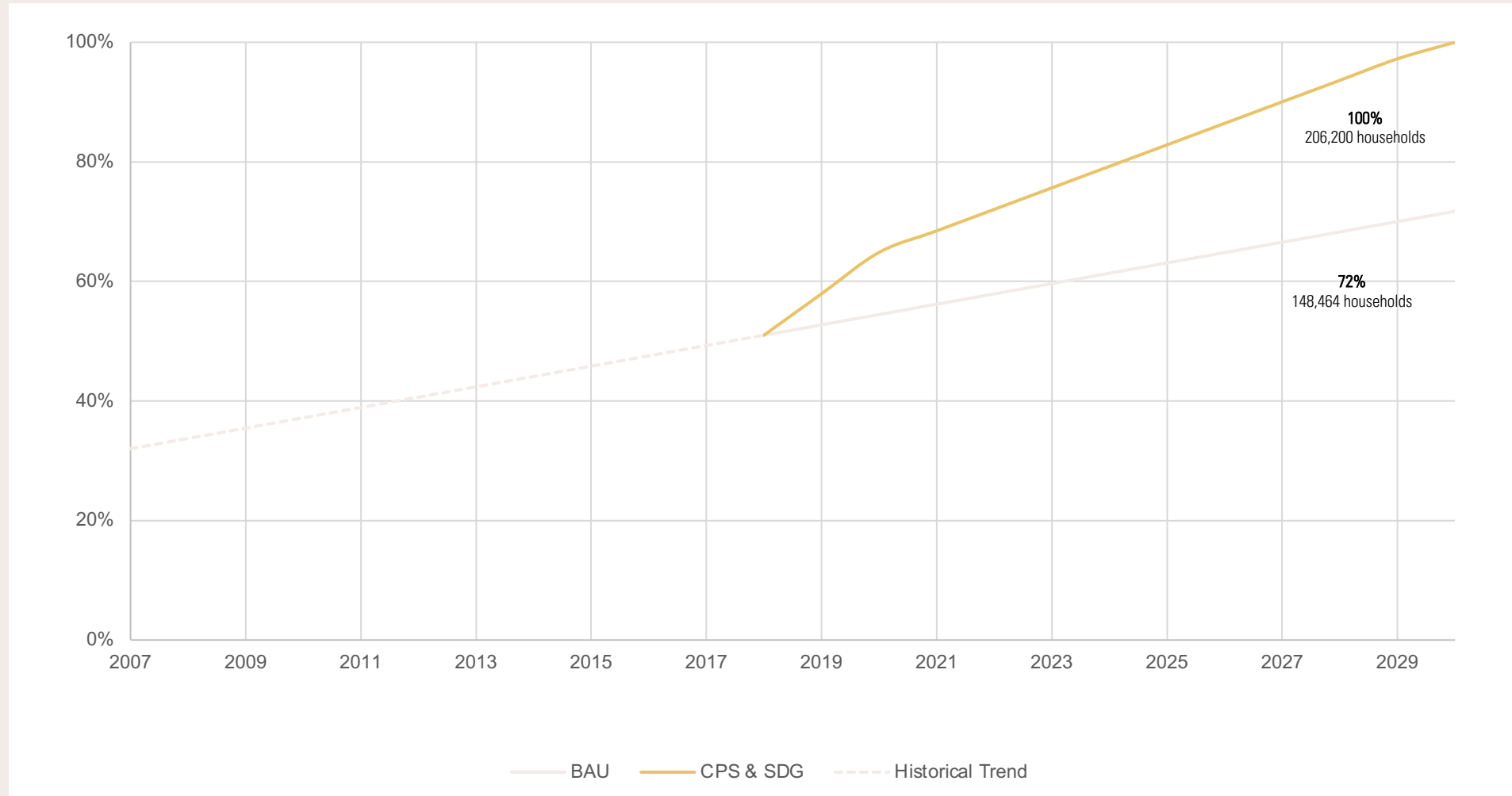
SOURCES OF COOKING IN FIJI



OVERVIEW OF NATIONAL ENERGY TRANSITION PLAN

- Target 7.1. “By 2030, ensure universal access to affordable, reliable and modern energy services.” Two indicators are used to measure this target: (a) the proportion of the population with access to electricity; and (b) the proportion of the population with primary reliance on clean cooking fuels and technology.
- NDP - % population with primary reliance on wood fuels for cooking.
2015 – 18%, 2021 – 12%, 2026 – 6%, 2031 – 1%, 2036 -0
- According to 2017 census, 19% of households use open fire and 24% use kerosene for cooking.

SDG 7 ROADMAP FOR FIJI



CURRENT SOLUTIONS

Implementation Agencies	Programs	Technology - Source	Description/ Role
Ministry of Women	2014 – ICS Units	Rocket Stove - Wood	Coordinates the Fiji Rocket Stove programme as well as IBSA programme with UNDP
Department of Energy	2009 – Biogas Digester	Biogas - Methane	Coordinates the Fiji Biogas Programme under DoE to support Dairy and Poultry Farmers in the Agriculture Sector
Ministry of Agriculture	2000 – Biogas Digester	Biogas - Methane	Coordinates the Animal Waste Program that promotes the use of biogas technology for rural farmers.
Ministry of Forestry	2010 – Replanting Programme	n/a	Coordinates the Fiji REDD Plus program, Wood Fuel replantation can be part of this Programme
Climate Change and International Cooperation Division, Ministry of Economy	2020 – Coordination of Carbon Emission Targets	Carbon Emission Targets	Coordinates the Inter- Ministerial Committee on CDM related projects
Ministry of Environment	Regulation of Environment Management Act 2000	n/a	Regulation of Air Pollution controls and measures
Ministry of Health	Environment Health Unit	Air Pollution Quality	Promotion of programs on reduction of air pollution in Fiji

CHALLENGES

- Very little empirical evidence on how to boost adoption or impact
- Requires behavior change and cultural shift
- Fuel Stacking

RECOMMENDATIONS

SOLUTIONS	DIFFERENT AREAS
Co-ordination, Institutional Collaboration and Regulatory	Inter – Ministerial Coordination and Collaboration with Partners. Strengthening Clean Cooking Programs with International Organisations Increase Technical Cooperation and Relevant Credentials with International Partners Regulatory Standards and Innovation
Awareness, Incentives and Capacity Building	Promotion of Clean Cooking into the Education System Promotion of Biogas Market Incentivize LPG in rural and remote areas Use of Relevant Information Sharing Tools Continue Empowerment of Women
Appraisal, Monitoring and Evaluation	Incorporation of Clean Cooking Agenda into Key Strategies Surveillance of HAP Related Disease Updating of Cost of Benefit related to Clean Cooking Planning and Survey Tools for Future Projections Data Collection Related to Clean Cooking.

Thank you

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