

MINISTRY OF ENERGY

Summarized SESRP in four themes (categories of interventions)

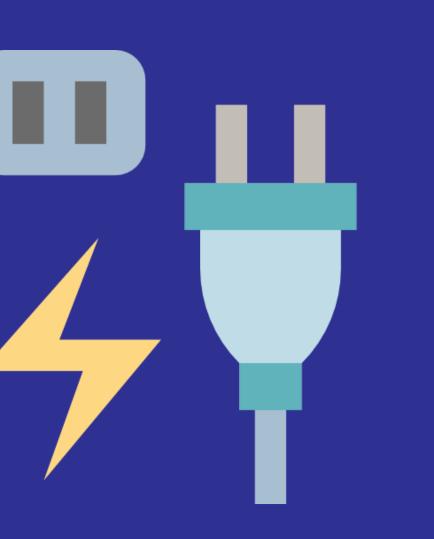


Establishment of interconnected power infrastructure from the existing fragmented network.



RENEWABLE ENERGY GENERATION

Hybridization of existing diesel generation, greenfield mini-grid development



ELECTRICITY SUPPLY TO SOCIAL INSTITUTIONS (SERVICE DELIVERY TO SOCIAL INSTITUTIONS)

SUB REGIONAL TRANSMISSION

Electricity access to priority social institutions, with greenfield hybrid mini grids and standalone solar PV systems



SECTOR CAPACITY ENHANCEMENT

Capacity building for institutional strengthening, technical assistance for sector governance, policy regulation, planning, technical assistance for service provider's operational and commercial efficiency

OUTCOMES OF INTERVENTIONS

Increased electricity supply, decrease in network losses and cost of power, readiness for power trade, electricity access

Increased electricity supply, decrease in network losses and cost of power, electricity access, Climate change mitigation

Improved social service delivery, improved livelihoods, climate change mitigation,

> Re-establishment of the electricity sector industry, for sector management and development improved sector gender equality

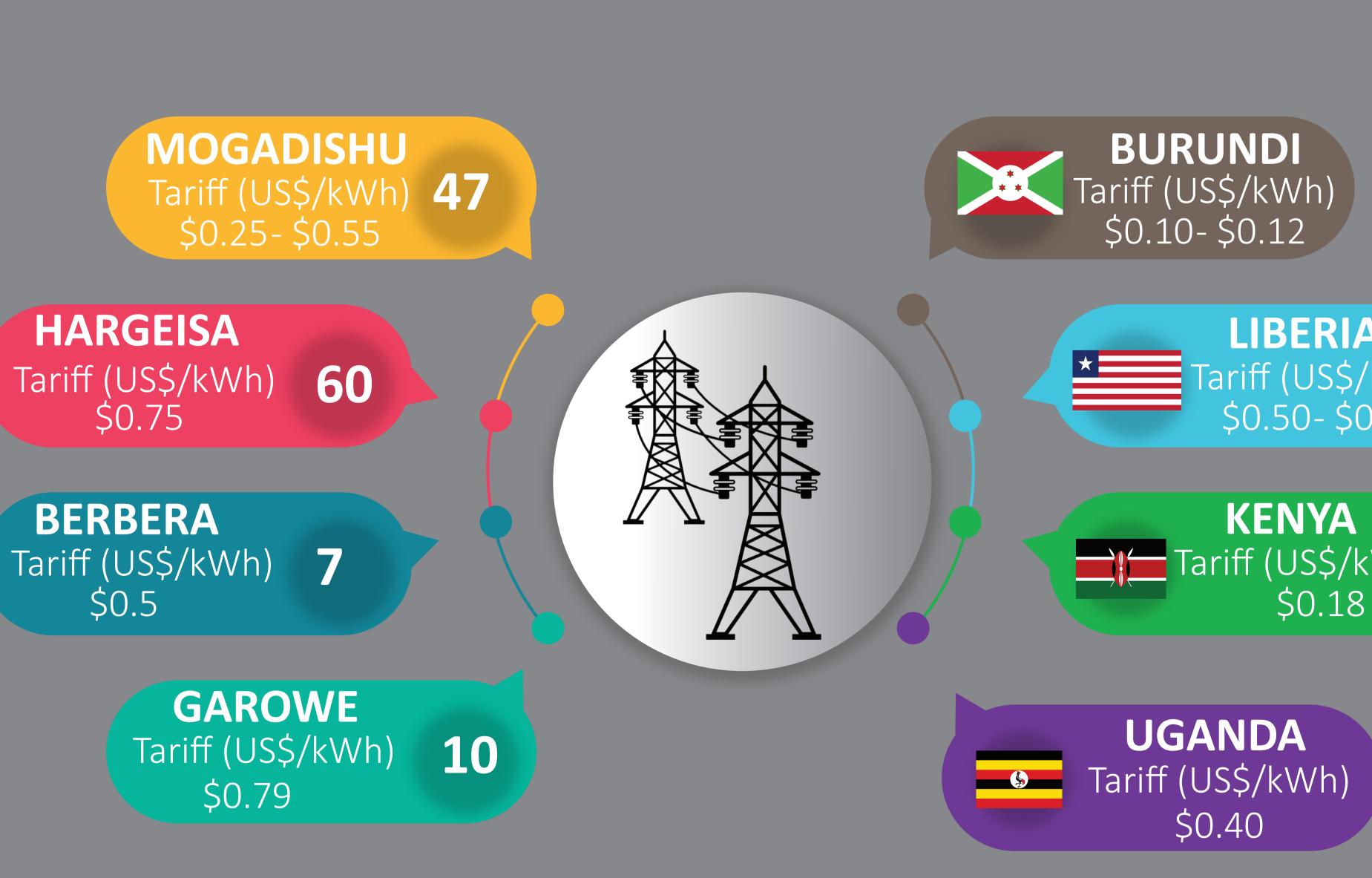
OUTPUTS OF INTERVENTIONS

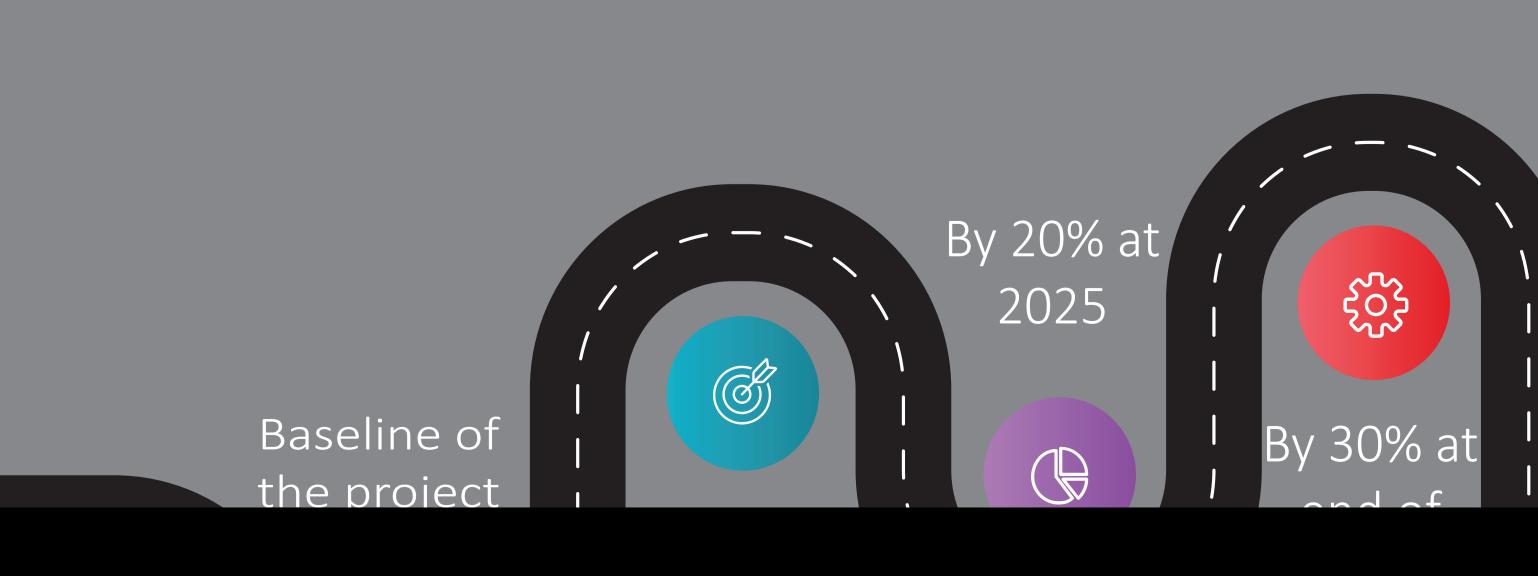
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PHASEI

Mogadishu and Hargeisa

Select ESPs Nationwide

Selected facilities nationwide

Selected facilities nationwide

2025

2022

Nationwide scale-up in selected sites 💮 Nationwide scale-up in selected sites 🧶 Institutional strengthening for access scale up

Institutional strengthening for sector development

Institutional strengthening for sector recovery

NATIONAL BACKBONE

PHASE III 2022

Renewable energy generation capacity

the project (CRI, Megawatt)

constructed or reh-

abilitated (Kilometers)

331 KM

Distribution lines

constructed or reh-

(other than hydropower) constructed under

2026 2024 41,000 \ 237,000 \ 237,000

Generation capacity of energy

Generation capacity of energy

Generation capacity of energy

constructed or rehabilitated

(CRI, Megawatt

constructed or rehabilitated

constructed or rehabilitated

(CRI, Megawatt

Increase in women's emplo-

yment in the energy sector

yment in the energy sector

2023 yment in the energy sector

2024 yment in the energy sector

2025 yment in the energy sector

205.00 \ 205.00

constructed or rehabilitated

Generation capacity of energy

2024

ties connect- ties connect- ties connect- ties connect- ties connect-

Transmission Backbone Capacity of solar PV installed (Megawatt)

\$2.61 B

Decrease in tariffs

under the project

Decrease in tariffs

Sub regional

Least-cost technology split

Mini-grid

Stand-alone PV National HW-line backbone Renewable energy generation capacity (other than hydropower

(CRI, Megawatt)

constructed under the project

Renewable energy generation capacity (other than hydropower constructed under the project \$3.13 B

National

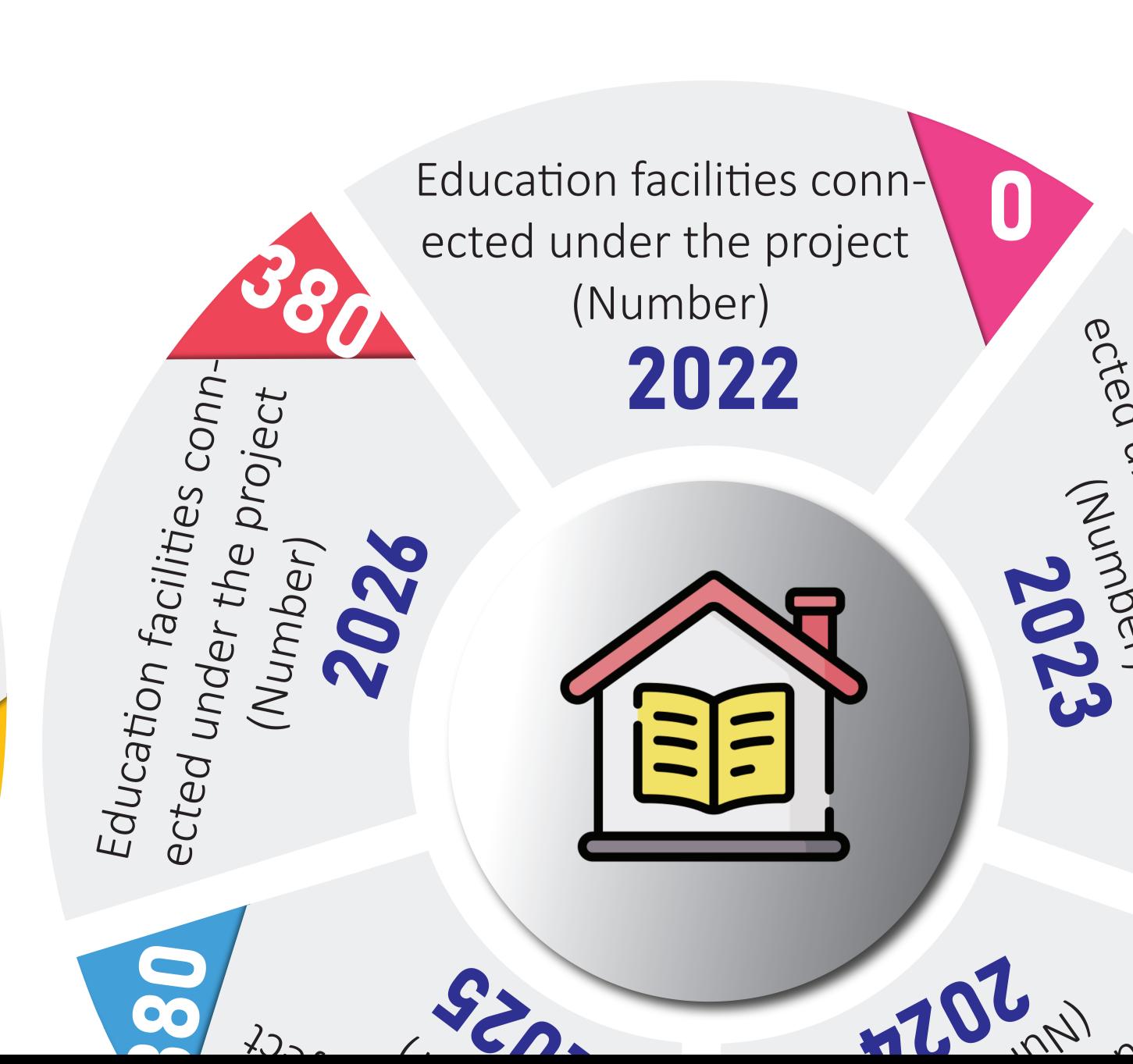
Transmission

Backbone

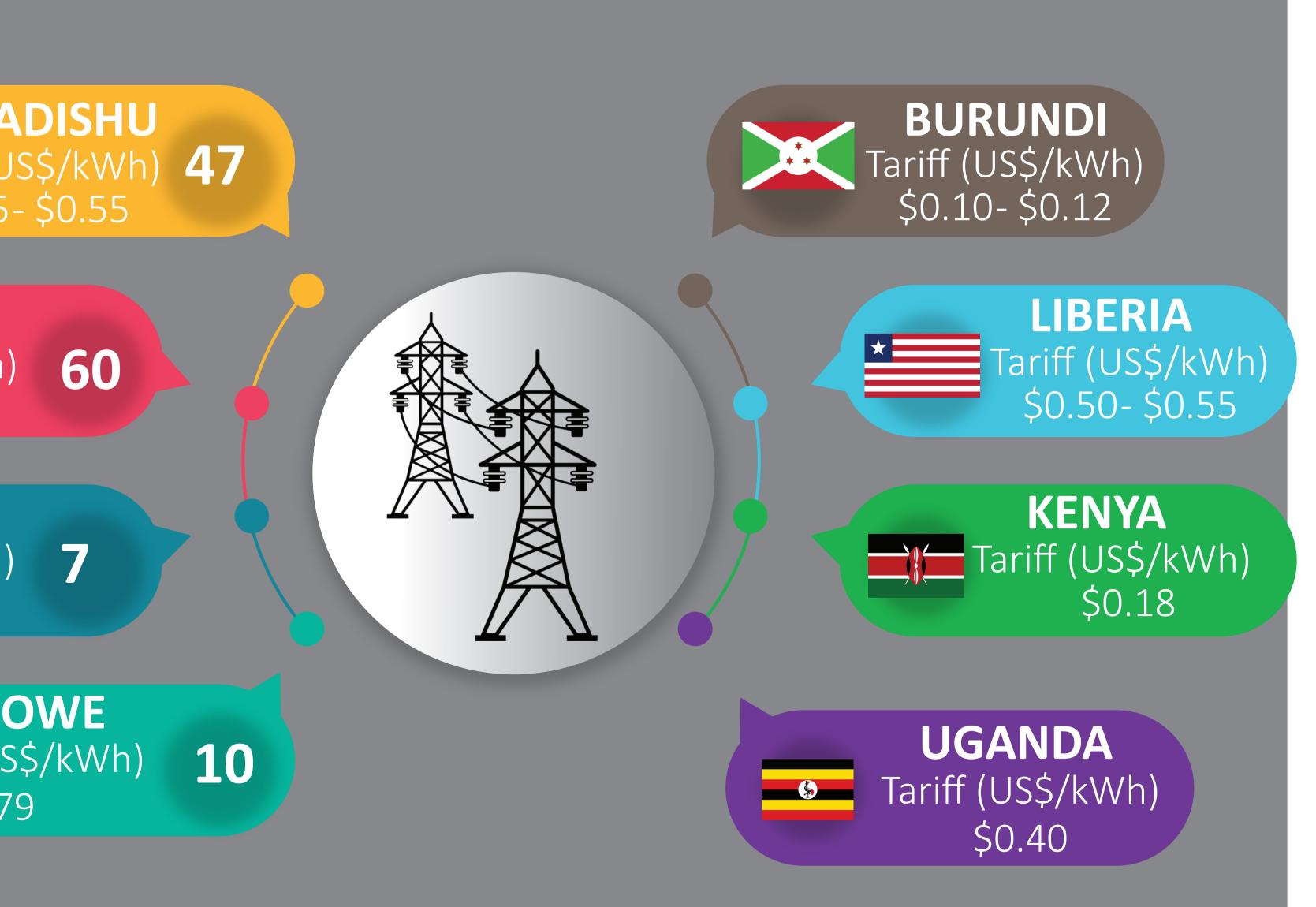
Least-cost bechnology split Mini-grid Stand-alone PV Mational HV-line backbone

) constructed under the project 2022

constructed under the



2022 TARIFFS COSTS COMPARISONS WITHIN THE COUNTRY AND OUTSIDE COUNTRY



POWER COST/TARIFFS REDUCTION

constructed or rehabilitated (Kilometers) 331 KM

99 KM

Generation capacity of energy constructed or rehabilitated (CRI, Megawatt)

Decrease in tariffs