



 **PPM ECO**
CARIBBEAN

**Powering Resilience,
One Community at a Time**

**Presented By : Teddy Saunders,
Managing Director | January 2026**





PPM ECO Caribbean

Powering, Resilience, One Community at a Time

Presented to: [Ministry of Energy, Jamaica / Cuban Energy Authority / IDB Delegation]

Date: [Insert]

INTRODUCTION



We're building more than microgrids — we're building energy independence, one community at a time."

THE CHALLENGE - GRID INSTABILITY & CLIMATE RISK



HEADLINE:

The Caribbean's Energy Crisis Isn't Technical — It's Existential

Bullet Points:

- **70% of electricity from imported diesel (IDB, 2023)**
- **Avg. cost: \$0.35/kWh — 3x global average**
- **60% of grids over 40 years old (World Bank)**
- **90% of islands face high-to-extreme climate risk (UNDP)**

HEADLINE

WHEN THE GRID FAILS, SO DOES PROGRESS

FAILURE

NOW OPEN



Congratulations

**ROAD
CLOSED**



THE COST OF INACTION- WHEN THE GRID FAILS



- 💔 42% of maternal deaths in rural clinics linked to power outages (PAHO)
- 📉 \$1.2B in annual tourism losses due to blackouts (Caribbean Tourism Organization)
- 🏃♂️ 18,000 youth migrated in 2023 citing lack of opportunity (UNICEF)

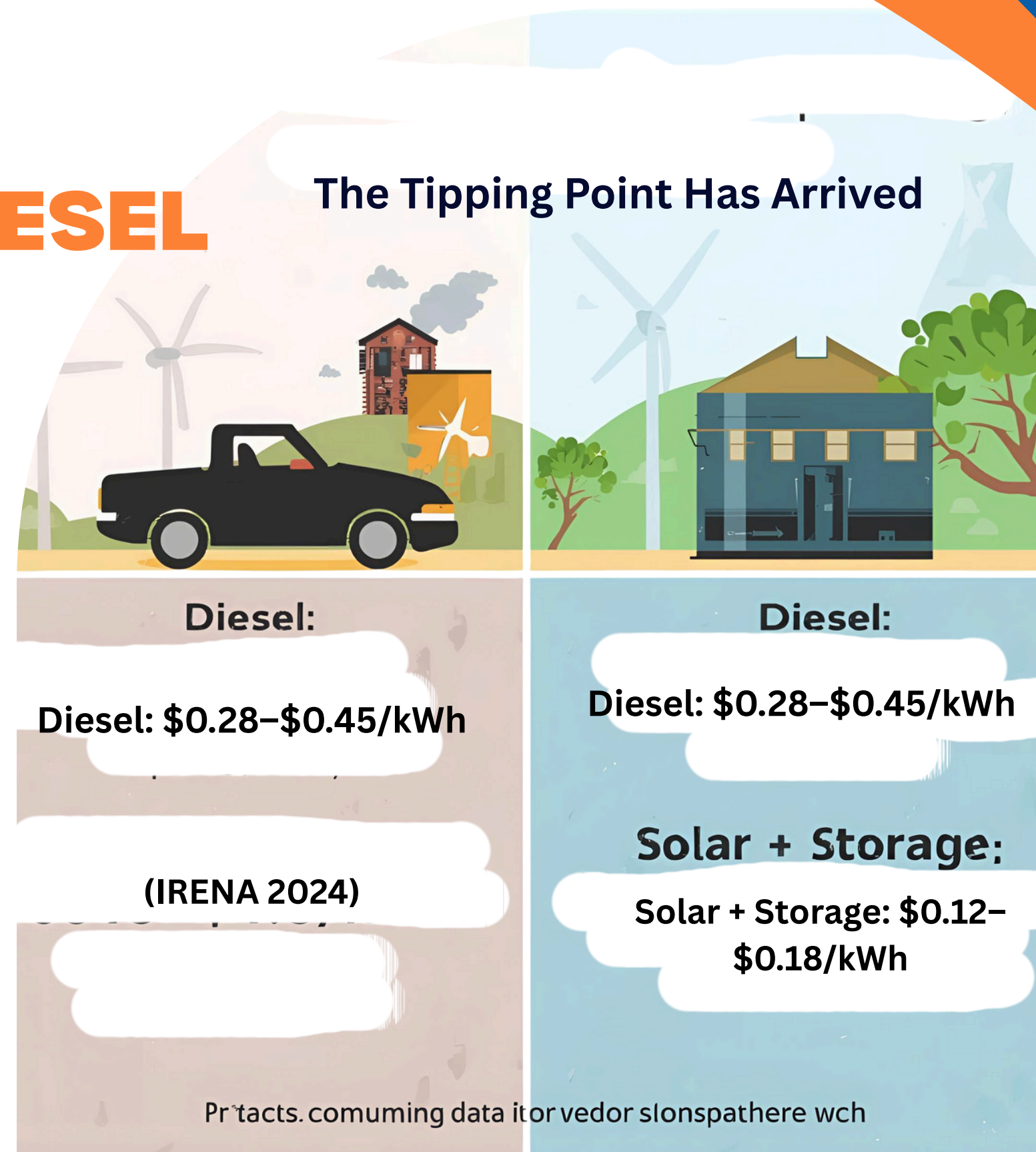


GLOBAL SHIFT - SOLAR IS NOW CHEAPER THAN DIESEL

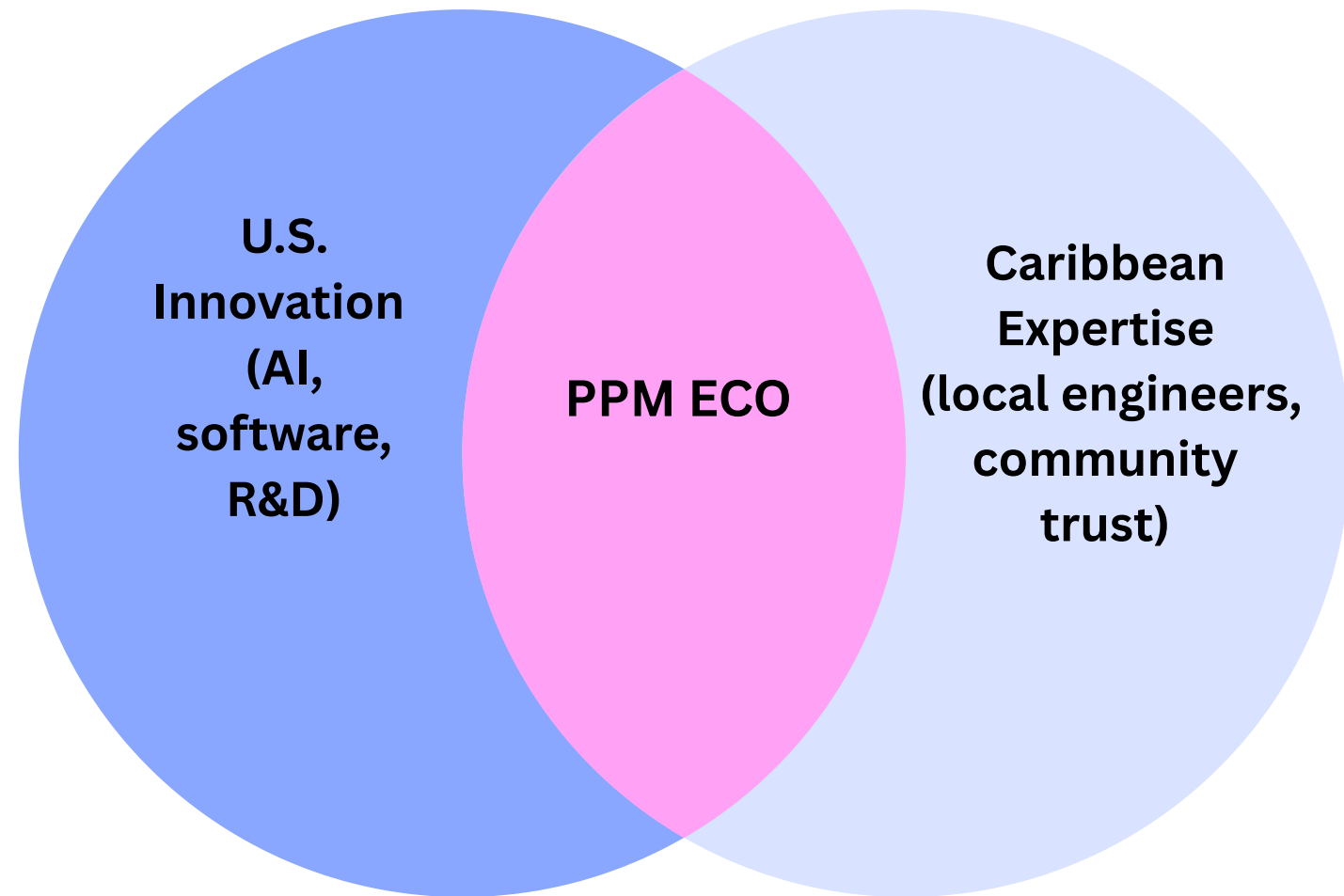
Bullet Points:

- Solar + storage now cheaper than diesel in 95% of the Caribbean (IRENA)
- Microgrid market to hit \$54B by 2030 (CAGR 12.3%)
- SIDS need \$50B in energy investment by 2030 (UNDP)

The Tipping Point Has Arrived



WHY PPM ECO CARIBBEAN?



Bullet Points:

- JV based in Trinidad & Tobago
- Backed by U.S. tech, AI, and IP
- Led by Caribbean hands, hearts, and vision
- Local service, training, and ownership



OUR IMPACT MODEL - PPM ECO CARES + POWERFORWARD

We Don't Just Sell Power — We Build Economies



PPM ECO Cares:

“For every 3 kits sold, we donate 1 to a school, clinic, or orphanage”

PowerForward:

“\$5K–\$50K microloans for SMEs — repaid via energy savings”



REAL CASE STUDY - MORNE DIABLOTIN, DOMINICA >>> MILESTONE

Key Facts:

- Location: Morne Diablotin, rural Dominica
- Project: Solar + storage microgrid (30 kW / 120 kWh)
- Built by: Waitukubuli Energy (local co-op) + German GIZ funding
- Impact (2020–2024):
 - 100% uptime during Hurricane Elsa (2021) and Tropical Storm Fiona (2022)
 - \$18,000 saved annually on diesel
 - 12 local jobs created
 - Maternal care capacity increased by 40%

Source: GIZ Caribbean Renewable Energy Project Report (2023)

FINANCIAL MODELS - FLEXIBLE, SUSTAINABLE, SCALABLE



CapEx -
Full ownership.



Lease-to-Own
pay over 5-7 years



PPP-
government & donors.



Co-invent with
Green climate fund

We Meet You Where You Are-
Financially & Strategically

1. CapEx – Full ownership
2. Lease-to-Own – Low upfront, pay over 5–7 years
3. PPP–Co-investment with government & donors
4. Donor Co-Financing – IDB, CDB, Green Climate Fund

● ● ● ● ● **LOCAL BENEFIT -**
JOBS, TRAINING, SOVEREIGNTY



Bullet Points:

- Launch PPM ECO Academy with UTT, UWI, and Cuban technical schools
- Train 300+ technicians by 2028
- Hire oil & gas workers transitioning to clean energy
- Women in Energy Program—30% female trainees by 2027

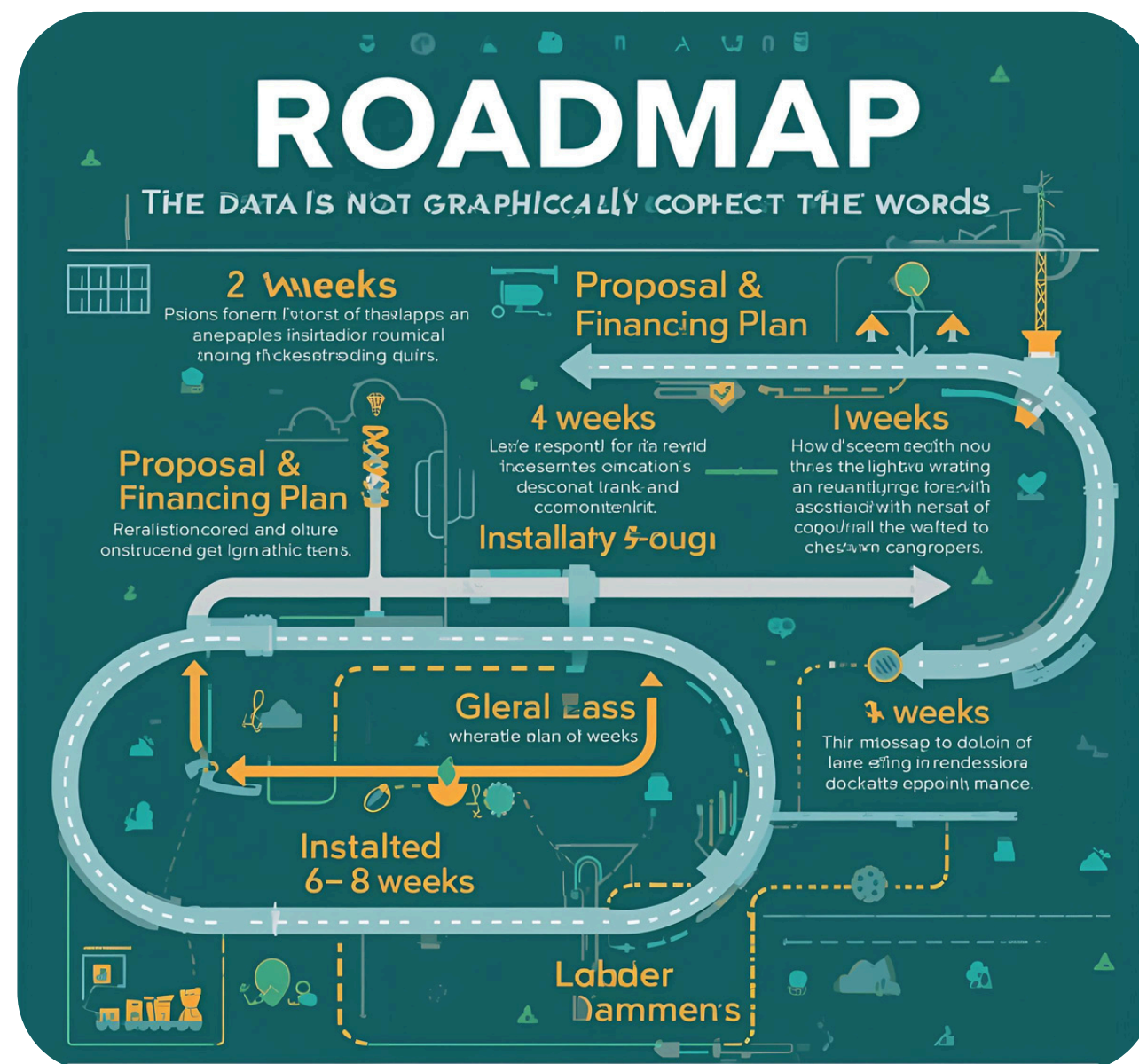


Energy Transition Starts with People

NEXT STEPS - LET'S CO-DEVELOP RESILIENCE



**CALLOUT:
"PILOT PROJECTS AVAILABLE Q4 2026"**



ESTIMATED TIME FRAME:

- Site Assessment (2 weeks)
- Proposal & Financing Plan (4 weeks)
- Installation & Training (6–8 weeks)
- Handover & Long-Term Support



CLOSING - A CALL TO ACTION

HEADLINE:

The Caribbean's Energy Crisis Isn't Technical — It's Existential

“Together, we're not just powering islands. We're re-empowering nations.” 🌞 🇧🇧 🇵🇪 🇯🇲 🇳🇻

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THANK YOU

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