



P4G contributes to green and inclusive growth in low- and middle-income countries by helping early-stage businesses become investment ready and supporting country climate transitions in food, water and energy systems.

Connect with us: p4gpartnerships.org



Dear Colleague,

At P4G, we recognize the power of knowledge in driving climate impact. The journey from an innovative idea to a scalable solution often hinges on understanding what works and what doesn't. That's why P4G prioritizes knowledge mobilization, ensuring that insights generated by our partnerships are shared, applied and amplified across markets.

As part of their work, P4G startup partnerships produce at least two knowledge products. These practical resources like case studies and policy briefs help identify key market barriers, recommend enabling policies, and offer valuable lessons for other climate startups seeking to break into their industries.

By capturing real-world experiences and turning them into actionable insights, P4G helps build a collective intelligence that can support entrepreneurs, investors and policymakers in accelerating the climate transition. Knowledge mobilization ensures that every P4G-supported innovation doesn't just benefit one partnership, it strengthens the entire ecosystem.

In this month's "Pioneering Green Partnerships" section, we dive into some of the knowledge products developed by our partnerships, showcasing how these learnings are shaping markets and inspiring new climate solutions around the world.

Read all our startup partnerships' shared learnings here: <https://p4gpartnerships.org/p4g-resources>

Best regards,
P4G Knowledge Mobilization and Communications team

Pioneering Green Partnerships



SUNRUN - Sustainable Transport Africa

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Electric two- and three-wheelers are showing strong growth potential in rural and peri-urban Africa, offering lower operating costs and significant carbon reduction benefits. However, widespread adoption faces hurdles such as high upfront costs for charging infrastructure, unreliable electricity networks and security concerns. This policy brief presents findings from the SUNRUN Phase II pilot, which addresses the infrastructural, financial, technical and social barriers hindering adoption of electric two- and three-wheelers. The pilot achieved meaningful outcomes, such as enabling about 200 km of daily operation per rider, reducing grid reliance, and cutting emissions, demonstrating a scalable model for rural electric mobility in Africa.

[Read more.](#)



WasteX – Bina Tani Sejahtera

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Climate change is driving severe food crises in Indonesia, highlighting the urgent need for agriculture that is both climate-resilient and carbon-negative. Addressing this challenge, WasteX is advancing the use of biochar—a carbon-rich material made from organic waste—to boost agricultural productivity, improve soil health, and mitigate climate change. In this policy brief, WasteX shares recommendations such as biochar subsidies, government led education programs and inclusion in carbon trading, that could ramp up the adoption of biochar and accelerate Indonesia's food security targets. [Read more.](#)

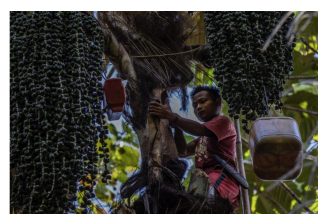


RE:harvest – ASEM SMEs Eco-Innovation Center

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Under a business-as-usual scenario, Indonesia's annual food loss and waste could exceed 100 million tons, leading to severe economic and environmental repercussions. But solutions exist, and RE:harvest is working to implement them. RE:harvest repurposes brewing residues and agricultural by-products into RE:nergy Powder, a nutritionally enhanced flour substitute. In its business case study, the startup highlights challenges in scaling, certification, investment risk, logistics and carbon emissions from transport, and emphasizes the importance of embedding carbon management, modular scale-up, and phased market entry to build a resilient, sustainable food upcycling enterprise.

[Read more.](#)



Forestwise – Yayasan Rimba Raya Abadi

Did you know natural rubber helps boost economic returns and social benefits in Indonesia? As a key non-timber forest product, it supports forest-dependent livelihoods and sustainable forest management.

Forestwise works with local communities in West Kalimantan to integrate natural rubber into its operations, diversifying income and conserving ecosystems. Key lessons Forestwise observed during its partnership period include the need for farmer training, innovation in processing, strong partnerships, and developing sustainable, traceable rubber alongside existing products like Illipe nuts. [Read more.](#)

Resources

[Clean Energy Can Supercharge Indonesia's Economy](#)

[9 Key Findings on Global Progress Toward a Circular Economy](#)

[As Extreme Wildfires Threaten Forests, Indigenous Leadership Offers Solutions](#)



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