

WWF Global Energy Framework



Global Energy Policy Framework

Five key action areas



Use energy efficiency and sufficiency to reduce energy demand



Actively phase out all fossil fuels



Generate only renewable electricity



Electrify all we can



Deploy renewable solutions for energy that cant be electrified

Faster



- Transitional policy
- Buy-in from cities, companies, and citizens
- Financing

Greener



- Energy planning that minimises nature impacts
- Reduced footprints and increased circularity
- Conserving and restoring nature

Fairer



- Equitable energy access
- · Climate justice
- A just energy transformation

Faster, greener, and fairer action in five key areas to achieve 100% renewables

The Climate Solutions Partnership



HSBC, WRI and WWF are working together to scale up climate solutions that support the transition to a net-zero global economy that protects and restores nature, through the Climate Solutions Partnership (CSP).

The CSP has two pillars, Nature and Energy:

The Energy Transition in Asia Pillar has three primary implementation approaches:

- 1. Raising ambition to drive emissions reduction;
- 2. Demonstrating efficient and renewable energy solutions; and
- 3. Growing low-carbon business and finance opportunities.

The Nature Pillar has two main focal areas:

- 4. Accelerating deforestation and conversion free supply chains; and
- 5. Enabling high quality Nature-based Solutions (NbS) to scale.

The Partnership also captures and amplifies lessons and best practices from both pillars and engages with a wide set of partners to help increase the impact of our work together.



Project Information





Location: Tay Ninh Province (South Viet Nam)

Duration: July 2020 – June 2025

Approving unit: Tay Ninh People's Committee

Key Implementing

Partner:

Department of Industry & Trade in Tay Ninh

Support the sustainable energy transition **Objective:**

through commercially viable energy efficiency

and renewable energy solutions.

Target sector: Textile & Apparel

Phuoc Dong, Thanh Thanh Cong and Trang **Industrial Parks:**

Bang

H&M, Lululemon, Adidas, Puma, Gap, Lacoste, **Brands Engaged:**

Nike and more

Key Deliverables



Energy Management Greenhouse Gas Tailored Emissions Communication **Energy Audits Inventories Reduction Roadmap Products** trainings 292,000t CO2e in 5 200 Certified Energy Reports. Podcasts, 38 companies Managers Documentaries years

Energy and Carbon Emissions Reduction Solutions



Short term solutions

Behavioral change

Zero Investment

Energy saving: 0.5-10 %

Applied by all companies

Medium term solutions

- Optimize Compressed Air System
- Cooling / Air Conditioning
 Improvements
- Energy Management and Monitoring
- Motor and Fan Efficiency

Minimum Investment: 50-80,000

USD

ROI: 1 year

Energy Saving: approx. 5 to 20 %

Applied by 15-20 companies

Long term solutions

- Ironing / Heat Press Efficiency
- Electrify Equipment
- Installing Solar Rooftop

Minimum Investment: 250,000 - 1 million USD

ROI: 3 - 5 years

Energy Saving: approx. 15 to 40 %

Applied by 5-6 companies

Energy Efficiency & Renewable Energy SolutionsImplemented





Heat Recovery and Insulation in Eclat Fabrics



Motor and Fan Efficiency in Eclat Fabrics



Energy Management and Monitoring Systems



Solar Rooftop on Gain Lucky

Case Study





50 million shoes/year for Adidas

33 hectares

9000+ employees

Applied all recommended Energy Efficiency Solutions:

- Higher efficiency motors, fans, air cons
- Efficient air compressors
- Heat pumps
- Air leak remediation
- Energy management system
- Solar roof top

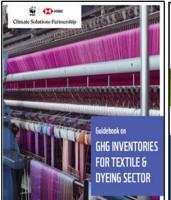
Saves 7,267 tCO2e per year (25.3% of total emissions)

Plans to install 7000KWp solar roof top this year

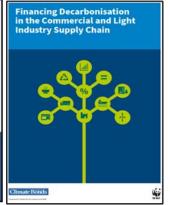
Additional savings up to 5000tCO2e/year expected

Reports and Tools











Trainings

Tools and Outreach









GHG Inventories for Textiles and Dyeing Sector

Energy Transition
Pathway towards Net
Zero for Tay Ninh
province

Financing
Decarbonisation in the
Commercial and Light
Industry Supply
chains

5 Trainings of Trainers conducted

200 Energy Managers Certified

Ministry of Industry and Trade Certifications

5 days online training in partnership with GIZ

GHG emissions calculator tool

Podcasts

Documentaries in partnership with VTV

Discussions at COP28 and COP29

Events – Sustainable finance, NDCs, Energy Transition

Opportunities, Challenges, Lessons learnt



2021-2024, the province saved 537.2 million kWh of electricity: Director of Department of Industry and Trade, Tay Ninh

Opportunities

Challenges

Lessons learnt

Next Steps

- Commitment from the Government on Net Zero ambition
- Strong support from local governments
- Alignment with local government's sustainable strategy
- Strong brand engagement

 Limited commitment from suppliers

- Regulatory hurdles
- Smaller suppliers struggle with decarbonisation due to limited expertise, funding, and reliance on buyers.
- Financing gap for SMEs.

- Support from local government is key to success
- Build brand engagement
- Huge demand for capacity building from suppliers & brands on target setting and decarbonization strategies
- Regular communication with partners
- Strong trade partners like VCCI, VITAS

- Expanding audits to 300 more companies in various provinces
- New sectors added: food & beverage
- Partnering with financial institutions
- Promoting solutions such as heat pumps and electrification
- Open to partnerships and collaborations

together possible m



Working to sustain the natural world for the benefit of people and wildlife.

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