



Project: “Low-carbon development for productivity and climate change mitigation through the Transfer of Environmentally Sound Technology (TEST) methodology”

Annual Report – 2020

Implementation period: 1st January – 31st December 2020

Submitted: December 2020



1. Basic Data

Title of Project/Programme Component	Low-carbon development for productivity and climate change mitigation through the Transfer of Environmentally Sound Technology (TEST) methodology
GEF ID number	9640
UNIDO SAP ID	150275
Country	Cambodia
GEF Replenishment Cycle	GEF 6
GEF Focal Area	Climate Change
GEF ground amount	USD 1,824,726
Co-financing amount	USD 12,117,026
Total project cost	USD 13,941,752

2. Project Summary

The project “Low Carbon Development for Productivity and Climate Change Mitigation through the Transfer of Environmentally Sound Technology (TEST) Methodology” is jointly implemented by the United Nations Industrial Development Organization (UNIDO), Ministry of Industry and Handicraft (MIH) and Ministry of Environment (MoE) of Cambodia. The 4-year project, started in 2018 and is expected to end by December 2021; it is funded by GEF 6. The project is implemented under the framework of the UNIDO’s Programme for Country Partnership (PCP) for Cambodia.

The project aims to reduce the long-term risks of climate change through the transfer of environmentally sound technologies in Cambodian industries. The project geographically targets Phnom Penh and its surrounding areas, Battambang, Preah Sihanouk, and Siem Reap provinces covering significant environmental and biodiversity hot spots including the Mekong River Basin that boast the most concentrated biodiversity per hectare of any river in the world, the Tonle Sap Great lake which is the largest freshwater lake in Southeast Asia and most important fish source designated as an ecological hot spot and UNESCO biosphere since 1997, and the Cambodian section of the Gulf of Thailand consisting of estuaries, bays, mangroves, and coral reefs.

The project aims to implement the TEST integrated approach in two target sectors, garment industry including laundry, knitting, dyeing, printing and footwear; and food and beverage. Implementation of the TEST integrated approach will help companies to enhance their economic, social and environmental performance by improving productivity, saving of



resource and energy uses, improving the working condition and occupational health and safety, while reducing the amount of waste discharges, GHGs emission, wastewater, and wastewater, both in term of quantity and toxicities.

The project combines policy and advocacy elements with technology transfer through policies strengthening and capacity building on resource efficiency, promotion of incentive, training and technical assistance to scale up TEST methodology through demonstration projects in industry, and awareness raising focused on public and private sectors. The project has 4 outputs:

- Necessary policy measures and technical guidelines strengthened to ensure industrial low carbon development and resource efficient operations.
- Incentives established to encourage industries improve the economic, social and environmental dimensions of their activities.
- TEST integrated approach implemented at the national level through trainings and demonstration in selected enterprises.
- Awareness increased with focus on resource efficiency and dissemination of the lessons learnt during the project.

The Royal Government of Cambodia, through the Ministry of Environment, passed in 1999 a sub-decree on water pollution control stipulating that dischargers of industrial wastewater, including small and medium enterprises, will be held responsible for wastewater pollution. Factories are not allowed to discharge untreated wastewater directly into the public water bodies. Companies are obliged to treat wastewater meeting national parameters on-site before releasing it into the environment. However, there is very little effort by factories to save fresh water consumption since the cost of water supply is small in comparison to electricity charges. Agricultural processing and garment washing and dyeing factories are among the highest fresh water consumers.

The composition of wastewater from food and beverage companies are usually high in BOD, COD, and nutrients. Garment washing and dyeing factories as well as big beverage/brewery companies usually have their own decentralized wastewater treatment plant. However, some SMEs discharge wastewater either unofficially into the public water bodies or via the public sewage system with little or no treatment. Wastewater is to a large extent treated through a bio-chemical treatment method, biological treatment method or anaerobic digestion method depending on the type of factory. However, according to environmental officials, about 5% of washing, dyeing and printing factories keep operating without a wastewater treatment plant.

The project aims to reduce the avoidable generation of wastes which include GHGs, solid waste and wastewater in the manufacturing industry by implementing the TEST program. The project targets to reduce 510,852 tCO₂eq for the project life cycle.



3. Project Status

3.1 Implementation period

Project start date	1 January 2018
Expected project close date	31 December 2021
Overall implementation period	1 January 2018 – 31 December 2023
Disbursement to the end of 2020	906 931USD

3.2 Main achievements of the project

The main achievements of the project during the reporting period are summarized below:

15 Full Energy Audit Reports were delivered. Finding Measures on Energy Saving have been provided to factories for implementing.

The energy audit analyzed energy consumption data and trends, and identified Significant Energy Users (SEU) to recommend energy saving practices, opportunities, and technological improvements. Recommended energy efficiency measures include device upgrades, operational behavioral change in the usage of energy and water, installation of energy and water efficient infrastructure, and equipment replacements to achieve lower rates of energy consumption, as well as to integrate renewable energy production. The most common improvement opportunities are found to be in the following areas: cooling system, boiler & steam distribution system, compressed air system including distribution, and lighting. The energy audit had identified in total 103 energy efficiency measures excluding the options on installation of solar rooftop. The experts estimated investments in the amount of 1.27 million USD, which would collectively save the companies about 2.35 million USD annually if all identified measures are implemented. It will contribute to annual reduction of GHG emission of over 14,700 tCO₂e.

Table 3.1 below summarizes the required investment, annual saving, simple payback period, resource saving and annual reduction of GHG.

Table 1: Summary of energy audit results

Energy and GHG Saving opportunities	Total Investment [USD]	Cost Saving [USD/Yr]	SPB [Yrs]	GHG Saving [tCO ₂ e/Yr]	Resources Saving					Total Energy (GJ/Yr.)
					Electricity [kWh/Yr]	Wood [m ³ /Yr]	Diesel [L/Yr]	Steam	LPG	
1. Eastex	8,550	50,647	0.17	494	698,548	337				5,375
2. Hung Hsing	10,000	166,230	0.06	1,641	608,126	1,285				13,092
3. Leang Leng	24,090	26,517	0.91	33	59,101	130	21,375			2,084
4. Fafa	90,400	36,391	2.48	498	167,359	615				5,816
5. Gladpeer	144,113	171,013	0.84	2,201	1,226,576	1,778				19,492
6. Sabrina	127,792	308,463	0.41	803	3,536,526					12,731
7. Starlight	117,310	170,671	0.69	277	365,094		96,970			4,786
8. Ji An	19,965	68,731	0.29	725	600,997	546				6,797
9. Dewhirst	274,278	517,486	0.53	2,174	1,478,125		591,150			26,484
10. Daqian	134,765	397,242	0.34	1,168	1,782,937			179		6,913



11. JIT	171,386	140,084	1.22	1,024	854,861	479				7,141
12. Misota	500	3,049	0.16	21	23,582				2,087	181
13. AMRU	38,355	29,827	1.29	1,644	13,330	1,661				14,139
14. Fair Manufacturing	89,200	210,470	0.42	751	1,286,864				1,350	4,695
15. Graceful	15,930	49,152	0.32	1,557	180,951	1,177				10,631
TOTAL:	1,266,634	2,345,973		14,692	12,882,977	6,723	709,495	179	3,437	140,357
(14692 tCO2e/Y or 146 920 tCO2e/Cycle, 1 Cycle is 10 Year according to GEF Calculation)										

15 Full RECP Assessment Reports were delivered. Finding Measures on Material, Water Saving, and Waste Minimizations have been provided to factories for implementing.

The RECP in-plant assessment are being conducted in the demonstration companies. The NTAs are divided into 3 teams of 3 people and each team has a team leader. Each team was assigned 5 demonstration companies. The assignation of the companies is based on the background and experience of each team and type of business and production process of the demonstration company. For example, those with expertise in wastewater treatment was assigned to the garment that has laundry and wastewater treatment plant. In close cooperation with the company, teams have been collecting information, conducting analysis related to the use of raw and operating materials, water, practices in solid waste management, wastewater treatment as well as chemical management. Improvement options will be proposed for each respective company. The assessment completed after March 2020 , and completed the assessment reports by September 2020.

Identification and selection of 20 demonstration companies

As per the workplan of 2020, the project has selected 20 demonstration companies to implement the TEST program. Figure 1. summarizes the selection steps:



Figure 1: The process of selection of demonstration company

The selection process is triggered by the submission of the Expression of Interest (EOI) by the company. The project team then organized a visit to the factory to conduct the initial assessment (IA) and collected additional information. The IA consisted of two key activities:



- Meeting with top management: the scope of the technical assistance, benefits, requirement for the company are presented and discussed during this meeting. The team also sought to understand the company's business model, marketing strategy, existing environmental program, the key issues, and expectation of the company toward the technical assistance program. Given that the success of the TEST program depends very much on the engagement and commitment of the company, this meeting is very important in gauging the level of commitment of the top management. The presence of top management in the meeting is a good indicator of strong commitment by the company.
- Tour of production facility: the meeting is followed by a tour of the production facility. The objective of the tour is to understand the process flow, preliminarily identify the environmental aspects, as well as to assess the potential for improvements and improvement areas.

The following criteria are applied when selecting the company:

- Geographical location: located in the priority regions which include Phnom Penh and its surrounding provinces, Battambang, Preah Sihanouk, and Siem Reap.
- Sector: Belong to manufacturing sector such as garment, footwear, and food & beverage.
- Year of operation: Have more than two years of operation.
- Size: more than 20 employees
- Annual turnover: more than USD 200,000
- Energy consumption: average energy consumption higher than 100,000 kWh/year.

After rounds of awareness activities which include distributing of project factsheets and leaflets, presentation during the launch of the project, and targeted presentation to H&M, VF and ADDIDAS sourcing factories and factories under ILO/Better factories Cambodia, the project received 28 expression of interest. The initial assessment was conducted in 23 companies. Twenty-Three (23) companies were selected for the second batch of TEST program in 2020. Among the 23 companies, 20 are garment factories, and 3 are food production factories. Fourteen (14) companies are located in Phnom Penh and its surrounding areas while one is located in Battambang province, and another one is located in Kampong Speu Province. All 23 companies signed a letter of commitment, which is a very important document that serve as a reference document for implementation of the TEST program in the company. The list of selected companies is attached in annex 3.

GIA Assessment

GIA guideline has been finalized and introduced to MISTI. As the result, GIA Guideline for 2021 Competition Award is ready. The guideline covers 4 categories such as Environment, Innovation and Sustainability, Economy and Social and Gender. Among the 4 categories, it divides into the 15 criteria such as: 1. Material Efficiency, 2. Waste Management and



Recycling, 3. Energy and Climate Change, 4. Water Efficiency, 5. Waste Water Treatment, 6. Air Quality, 7. Environmental Management, 8. Innovation, 9. Investment versus saving, 10. Relative Investment, 11. Job Creation, 12. Personnel, 13. Working Place and Industrial Safety, 14. Gender, 15. Community. These criteria apply for Large Industries/Factories.

For Small and Medium Enterprise, MISTI refines a set of criteria by reducing the criteria from large industries such as: 1. Material Efficiency, 2. Waste Management and Recycling, 3. Energy and Climate Change, 4. Water Efficiency, 5. Investment versus saving, 6. Relative Investment, 7. Job Creation, 8. Personnel, 9. Working Place and Industrial Safety, 10. Gender, and 11. Community.

Criteria for selecting Green Industrial Award (GIA) for both large and SMEs are aiming for Sustainable Industrial Development in Cambodia.

3.3 Outcomes and Outputs implementation

OUTCOME 1.1: KNOWLEDGE AND TECHNICAL CAPACITY IS ENHANCED IN CAMBODIA TO REDUCE INDUSTRIAL POLLUTED DISCHARGES AND GHG EMISSIONS

Under outcome 1.1, the project has 4 outputs:

- Output 1.1.1: Necessary policy measures and technical guidelines strengthened to ensure industrial low carbon development and resource efficient operations;
- Output 1.1.2: Incentives established to encourage industries improve the economic, social and environmental dimensions of their activities
- Output 1.1.3: TEST integrated approach implemented at the national level through trainings and demonstration in selected enterprises;
- Output 1.1.4: Awareness increased with focus on resource efficiency and dissemination of the lessons learnt during the project;

ACTIVITY	OUTPUT PRODUCED OR SERVICE DELIVERED	OUTCOME OBSERVED
Outcome 1.1: Knowledge and technical capacity is enhanced in Cambodia to reduce industrial pollution discharges and GHG emissions		
Output 1.1.1: Necessary policy measures and technical guidelines strengthened to ensure industrial low carbon development and resource efficient operations		
Activity 1.1.1.1: Assess current legal, regulatory, policy and institutional frameworks on industrial	<ul style="list-style-type: none"> • Term of Reference for the Recruitment of International Firm for Developing on Policy of Resource Efficiency and Cleaner Production (RECP) has been prepared. • International firm (PwC) has been recruited for developing the policy, and 	TOR prepared Policy is drafted



development particularly the need to include resource efficiency within the existing legal framework	the drafting work began from last quarter of 2020.	
Output 1.1.2: Incentives established to encourage industries improve the economic, social and environmental dimensions of their activities		
Activity 1.1.2.1: Assess the existing GIA scheme as well as the different dimensions of low carbon growth and sustainable development	<ul style="list-style-type: none"> Guideline for GIA Award has been completed and be ready for the GIA Award 2021 	GIA Guideline has been developed
Activity 1.1.2.2: Operationalize a sustainable structure for the GIA under MIH and extend it as a national programme	<ul style="list-style-type: none"> ToR for GIA 2021 has been prepared, and the proposal for GIA has been developed and approved. 	GIA Contest Plan is prepared and is ready
Output 1.1.3: TEST integrated approach implemented at the national level through trainings and demonstration in selected enterprises		
Activity 1.1.3.3: Conduct Resource Efficiency and Cleaner Production (RECP) assessment	<ul style="list-style-type: none"> RECP assessment in the demonstration company: The RECP assessment is being conducted by 3 teams of National Technical Advisors recruited by MISTI in coordination with PMU. The assessment completed later after March 2020, and the 15 Full Reports of RECEP of 15 Factories assessments were completed by September 2020. 	RECP in-plant assessment was conducted. Capacity of the company TEST team further enhanced through participation with NTA for sustainable implementation of TEST approach.
Activity 1.1.3.4: Conduct energy audits	<ul style="list-style-type: none"> By 2020, 15 full reports of energy audits have been delivered. The energy audit had identified in total 103 energy efficiency measures excluding the options on installation of solar rooftop. The experts estimated investments in 	Energy efficiency improvement measures identified, which, if implemented, will lead to financial saving as well as



	<p>the amount of USD 1.27 million, which would collectively save the companies about USD 2.35 million annually if all identified measures are implemented. It will contribute to annual reduction of GHG emission of over 14,700 tCO₂e.</p>	<p>reducing the GHG emission.</p>
<p>Activity 1.1.3.8 Energy Efficient Boiler Management and Safe Operation</p>	<ul style="list-style-type: none"> On 22-23 September, 2020, Ministry of Industry Science Technology and Innovation (MISTI) and the United Nations Industrial Development Organization (UNIDO) jointly organizes a training on “Boiler Operation and Maintenance” to 40 technical staffs of various factories which are partners of the project on “Low Carbon Development for Productivity and Climate Change Mitigation through Transfers of Environmentally Sound Technology (TEST) Methodology”. This two-day training seeks to provide hands on knowledge on safe boiler management and operations. After the training, we expect that those trainees will be able to operate the boiler safely and efficiently which would contribute to the lower carbon emission. It also means that they could sustain the environment and maintain the high standard outputs for their buyers through energy saving. 	<p>Capacity of Factory Technical Staffs and Government Officials were built on the basic operation of boilers, maintenance, safety procedures, and efficient boiler operation procedures.</p>
<p>Activity 1.1.3.1: Identification and selection of demonstration company for TEST implementation</p>	<ul style="list-style-type: none"> 29 of Expression of Interest (EOI) received and Initial Assessments were conducted in 26 companies to assess the potential for improvement in term of resource efficiency as well as to assess the commitment of the top management of the company and served as input in the selection of the companies. 23 companies were selected to be the project partners: 20 garment factories, and 3 food factories. 21 of the selected factories are located in Phnom Penh and its surrounding areas, one is located in 	<p>29 factories has been outreached and shown the interest, while 26 factories has been initially assessed and 3 has been withdrawn due to Covid-19.</p> <p>23 companies have been selected for TEST demonstration project for the Second Batch</p>



	Battambang, and another one is in Kampot.	
Output 1.1.4: Awareness increased with focus on resource efficiency and dissemination of the lessons learnt during the project		
Activity 1.1.4.1: Develop awareness raising material based on successes and lessons learned from the project	<ul style="list-style-type: none"> Department of Climate Change was given the sub-contract in May 2020. First project newsletter was designed and printed. One Case Study on Efficient Use of Compressed Air has been developed 	<p>Sub-Contract with DoCC is given, and the Awareness Raising Activities on TEST Methodology and Sustainable Industrial Development are promoted by DoCC</p> <p>Leaflet and case study have been developed</p>
OUTCOME 2.1: M&E PROJECT ACHIEVES OBJECTIVE ON TIME THROUGH EFFECTIVE MONITORING AND EVALUATION		
Output 2.1.1: Periodic monitoring and project execution	<ul style="list-style-type: none"> Second Project Steering Committee was conducted in June 2020, and agreement has been reached in order to speed up the project implementation Project implementation report (PIR) from July 2019 to June 2020 has been submitted to GEF Monthly progress reports submitted to UCR and PM on the progress of the project. Weekly and Monthly coordination skype meeting with Vienna HQ to monitor and discuss the progress of the project. 	Project progress monitored.

3.4 Execution issues

There are no major issues of execution during the reporting period. As the National Technical Advisors that have joined the assessment in the first batch were invited to conduct the assessment of the second batch. Besides, the capacity building and knowledge sharing have



been done vertically and horizontally. Vertically, the in-depth explanation or reviewed training are enhanced. Horizontally, new and key relevant stakeholders are approached and engaged, and the knowledge and awareness have been raised and disseminated. Also, the possibility of collaboration for sustainable development is enhanced.

3.5 Stakeholder consultation

The project team has continuously consulted key stakeholders including private sectors on important project interventions such as formulation of the annual workplan, and organization of key project activities to ensure ownership of the program. The PMU is constantly in consultation with key counterparts, MISTI and MoE, for matters related to the implementation of the project.

During the second batch factory identification at Quarter 4, 2020, UNIDO PMU engaged with ILO/Program for Better Factories Cambodia, consulted with GMAC, jointly engaged factories to join the project with various Garment Brand/Buyers such as H&M, ADDIDAS, NIKE, VF, UNIQLO...

During the Resource Efficiency Policy Consultation, Experts has met and consulted with various stakeholders such as UNDP, GGGI, NCS, Department of Waste Management, and Department of Pollution Control, Chipmong Recycling Center, SME Bank, GMAC, MISTI (General Department of Industry, General Department of SME and National Productivity Center of Cambodia). The consultation also expanded to other Garment Brands (H&M and VF), Euro Cham, YEAC, and other developers as well.

Regarding the Awareness Raising Activities, the consultation with Waste Water Pollution Laboratory of Ministry of Environment has been done in order to develop the ToR for training the laboratory staffs and other key national personnel for having capacity to monitor the industrial waste water. For the long-term training, UNIDO PMU and DoCC also worked with University such as Institute of Technology of Cambodia (ITC) in order to discuss about the integration of Transfer of Environmentally Sound Technology (TEST) into the existing curriculum for promoting Sustainable Industrial Development. As the results, Two Departments have actively joined the consultation such as Department of Mechanical and Industrial Engineering, and Department of Chemical and Food Engineering Department. These two departments will receive the training on TEST and will develop the syllabuses/integrated curriculum. This awareness raising is benefitting to the short-, medium- and long-term planning of Industry Development Policy and Road Map.

3.6 Knowledge Management & Awareness Raising Material

A number of awareness materials have also been prepared included

- Project newsletter: the newsletter is updated in February 2020.
- Facebook posts are made on regular basis especially on each key project activities.



3.7 Global environmental objectives

The project primarily supports the transformational shifts toward a low-emission and resilient development path. The project is expected to reduce the direct CO₂ emission by 300 000 metric tons and indirect between 180,000 to 450,000 metric tons. The project will also contribute to the reduction of UPPOPs, and ODS through implementation of TEST program. The project is on track to meet the emission reduction target. The project has identified several improvement measures in the first batch of the demonstration companies that will contribute to the reduction of 147000 tCO₂e/Cycle if all measures are to be implemented. It is equivalent to one half of committed target. These indicators will be tracked during the project implementation with companies and will be reported annually after starting the technical assistance activities.

4. Risk management

Risk	Risk level ¹	Mitigation measures
Technical risk: National Productivity Center of Cambodia (NPCC) is not in full capacity engagement, and that experience on the lacking of task force	Low	Encourage of integrating of more task forces from NPCC into the project.
Social risk: Covid-19 outbreak started from early 2020 and extended to 2021. Movement and meeting are restricted sometimes.	Low	Encourage and replace the meeting through online.
Political risk: Political leaders committed in the Industrial development program, but garment market is affected a bit by political issues.	Low	Enhance the remained operation level to be competitive, and to attract main buyers to keep buying by showing commitment on Green Industrial Activities

5. Gender Mainstreaming

The below table illustrate the project's commitment and effort to mainstream gender and integration in all project activities.

Gender consideration mainstreamed in the project design	Measures taken according to the intended gender mainstreaming consideration.
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¹ High risk (H), Substantial risk (S), Modest Risk (M) Low Risk (L)



<p>Provide gender awareness training to PMU/project staff and ensure that the gender course “I know Gender” on UN Women’s eLearning Campus is completed</p>	<p>All PMU staffs completed gender course “I know Gender123” on UN Women’s eLearning Campus</p> <p>At least one of the team members of all sub-contractors completed the gender course “I know Gender123” on UN Women’s eLearning Campus.</p>
<p>Ensure that the principles of gender equity are upheld in the annual Steering Committee Meetings with a representation of minimum 30% of women.</p>	<p>Two (2) of the 11 PSC members are women (18%).</p> <p>Gender principle will be promoted to increase the participation in the future.</p>
<p>Promote women’s employment opportunities and economic security through:</p> <ul style="list-style-type: none"> ▪ Advertising new project-related jobs with a statement encouraging women to apply ▪ Ensuring at least 30% of new roles or project staff are women 	<p>The statement “Women are encouraged to apply” appeared in all the new project-related posting.</p> <p>One of the three project management unit are women (33%).</p> <p>Two of the 10 NTAs (one observer) recruited by MIH are women (20%)</p> <p>25 of the 75 company TEST team members are women (33%)</p>

6. Financial Report 2020

Category	USD
Equipment	-261.0
Local travel	835.6
National consultants/staff	48843.0
International consultants	42022.0
Training/events	325.6
Subcontracts	327256.6
Other Direct Costs	10745.1
Total	429441.3



7. Annexes

Annex 1: Second Project Steering Committee Report

(Attached File)

Annex 2: Training Report on “Safe and Efficient Boiler Operation”

(Attached File)

Annex 3: List of selected companies as demonstration company for the second batch

No.	Company Name	Brands	Main Product	Principle Market	Number of Staff
1	Olive Apparel (Cambodia) Co., Ltd	Nike	Sport Garment (Nike)	Europe and USA	2650
2	Berry Apparel (Cambodia) Co., Ltd	Nike and Carters	Sport Wear, Jacket, and Kit Wear	Europe and USA	2450
3	Star Fuyu Garment Co., Ltd	Costco, Watmart, and Only	Man-Lady (Tshirt and Bottom), Kid wear, pajamas	Europe	800
4	Trinity Handbags Co., Ltd	H&M	Handbags	Europe	729
5	Cerie Garment	M&S, NEXT, GC, OYSHO, TRIUMPH	Lingerie and sleepwear for women	UK (70%) and EU(30%)	2750
6	Kirirom Food Production (K.F.P)	K.F.P	Dried Mango	China and Thailand	700
7	Silver Age Knitting	Europe and USA brand	Knitted wear	Europe and USA	780
8	Makalot Garments Cambodia	H&M	Wearing apparel	US	1264
9	Eche Ngov Heng Food Production Kampot	Ngov Heng	Fishsauce, Soysauce, Chillysauce, and pepper	Local	45
10	Elite (Cambodia) Co., Ltd	Adidas	T-shirt, pants, and tight	USA	4883
11	Wah Sun HK Factory (Cambodia) Co., Ltd	N/A	Women Handbags	Europe	2444
12	M&V International Manufacturing Ltd	H&M	Sweater	USA, Canada, Europe, and Asia	2000



13	Navita Dried Fruit	Navita	Dried Mango, dragon fruit, and pine apple	Local	15
14	Top Summit Garment Inc	Nike and Gymshark	Sportwear	US, Canada, Mexico	6000
15	CPCC Outdoor Wear (Cambodia) Co., Ltd	VF	Garment	USA	240
16	LIN WEN CHIH SUNBOW ENTERPRISE Co., Ltd	VF	Footwear	USA, EU	8533
17	Super Link fashions (Cambodia) Co., Ltd	GAP	Garment	Europe	735
18	Horizon Outdoor (Cambodia) Co., Ltd	TNF, Vans, Jansport, Kipling, and Easpak	Garment	USA and EU	6400
19	Cambo Unisoll	Uniqlo	Knitted wear	US and Asia	1822
20	Cambo Unisoll	Walmart/M&S	Knitted wear	US, Canada, and Asia	2135
21	Great Bestway Manufacturing	Milwaukee, Under Armour	Glove	USA, EU and Asia	544
22	Marvel Garment Co., Ltd.	Nike	Sportware	USA and EU	4474
23	Shenzhou Cambodia Co., Ltd	Nike, Puma, Polo	T-shirt	USA and EU	6057

Annex 4: Project on the social media

Activity	Date/Timeline	KM material circulated/developed
Second Project Steering Committee	16/06/2020	https://web.facebook.com/UNIDO.KH/posts/1463345067183264
Training on Safe and Efficient Boiler Operation	22-23/09/2020	https://web.facebook.com/UNIDO.KH/posts/1548768781974225
Call Factories for Expression of Interest in Second Batch	28/10/2020	https://web.facebook.com/UNIDO.KH/posts/1580164238834679
Call Factories for Expression of Interest in Second Batch	19/11/2020	https://web.facebook.com/UNIDO.KH/posts/1600167616834341



Annex 5: Photo of project activities



Fig 1. Second Project Steering Committee Meeting



Fig. 2: Training on Safe and Efficient Boiler Operation to 15 Factories, 22 September, 2020



Fig. 3: Zoom Meeting with ILO and Garment Brands for Factory Call to Join on the second batch



Do you want to be our implemented partner in the project of "Low Carbon Development", Please call to (855) 17 668 964 or Email to S.REY@unido.org

Require More 20 Factories to join the project!

Deadline of Express of Interest (Eoi): 16 November 2020



Fig. 4: Factory Call to Join on the second batch posted on Facebook Page

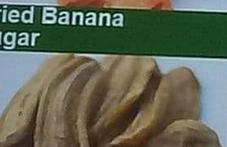








3. Our products

Fresh Mango Pieces 	Dried Mango Slices 	Dried Mango 
Dried Papaya chilly 	Dried Pineapple 	Dried Mango with Sugar 
Dried Banana 	Dried Jackfruit 	Dried Mango No Sugar 

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Fig. 5: Factory Initial Assessment for the Second Batch