

CO2&Resources



by **DECATHLON** SUSTAINABILITY

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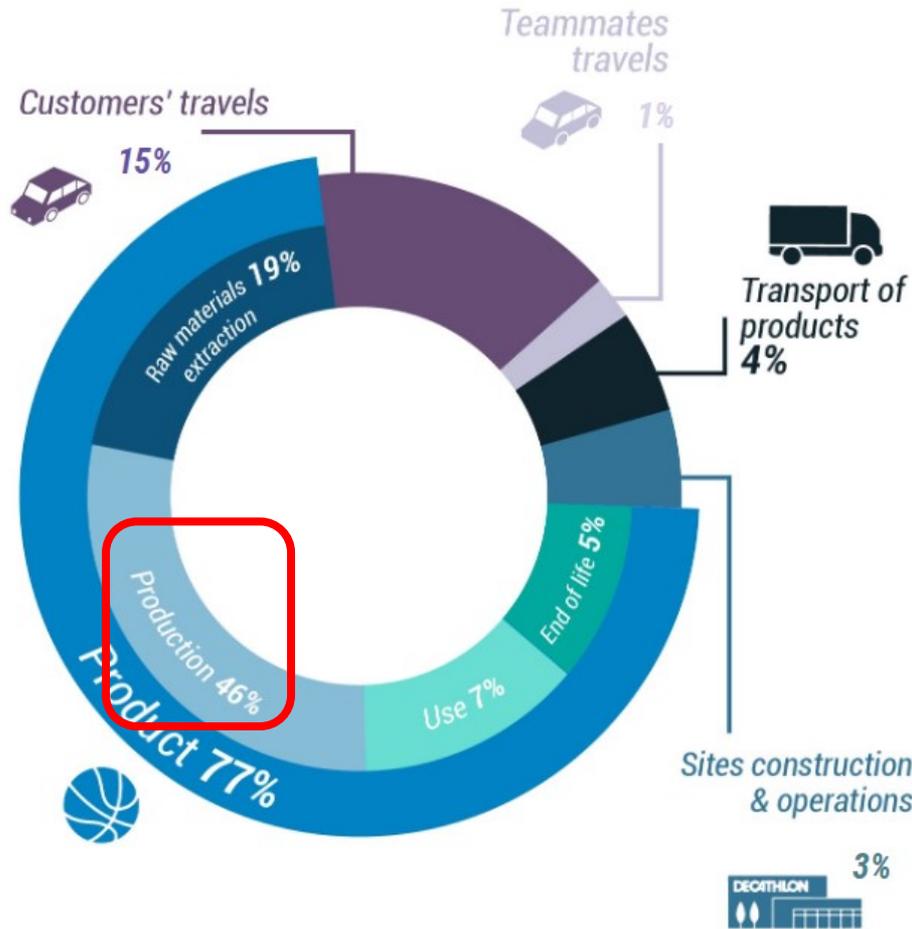
To fight Climate Change in our Supply Chain



OUR PURPOSE
**TO BE USEFUL TO PEOPLE
AND TO THEIR PLANET**



DECATHLON CO₂ emissions / activity





SCIENCE
BASED
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

***100% Priority 1 Suppliers committed to their own SBT
by 2021***

***100% Renewable Electricity for our Priority 1 Suppliers
by 2023***

***No installation of new coal-fired boilers or other
sources of coal-fired heat and power generation
on sites within Tier-one and Tier two for 2021***

More informations here :
[Presentation to join UNFCCC](#)
[All commitments in the](#)
[charter](#)

CO2 in Production: Commitments

Climate strategies

Objective

Decrease total CO₂ Emissions from suppliers

Steps

MEASURE

SET TARGET

REDUCE

Targets*

100% Priority 1&2 suppliers monitor their CO₂ emissions
End of the year

100% Priority 1&2 Suppliers, process & countries set their own CO₂ SBT

100% Priority 1 Suppliers have an energy efficiency program

Stop Coal on site

100% Priority 1 Suppliers consume renewable electricity

Who validated the targets

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United Nations Climate Change



United Nations Climate Change

RE 100

2020

2021

2021

2021

2023

* Priority 1 suppliers are all the suppliers representing 90% of our Purchased Volume

** All the KPI and targets can be applied for one supplier, one supplier panel, one process, one DPP

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Swiss Re

BIMBO

HSBC

Kingspan

AstraZeneca

rackspace

TD

salesforce

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AUTODESK

EQUINIX

DSM

RELX Group

ASKUL

helvetia

VOYA

JPMORGAN CHASE & CO.

GM

LA POSTE

Carlsberg Group

T

Goldman Sachs

M&S

workdc

Schneider Electric

Bloomberg

PRUDENTIAL

CLIF

ORGANIC VALLEY

THE CROWN ESTATE

Infosys

sky

proxi mus

Nordea

PHILIPS

IRON MOUNTAIN

BMW GROUP

Google

IKEA

hp

AkzoNobel

Capital One

Walmart

YOOX NET-A-PORTER GROUP

TESCO

VAIL RESORTS

ELION

PVH

Microsoft

RE 100

SONY

FUYO LEASE

SAP

AB InBev

Vestas

OIOI

AEON

LEGO

Apple

VISA

mace

MARS

WELLS FARGO

vt

CALIFIA

watami

Steelcase

H&M

signify

Kellogg's

ESTÉE LAUDER COMPANIES

vodafone

Bank of America

wework

Telefonica

COLRUYT GROUP

Biogen

Schroders

BT

AXA

3dL

CLM

lyft

Landsec

COMMERZBANK

Dalmia

CaixaBank

Etsy

Adobe

BURBERRY

Heathrow

dentsu AEGIS network

Starbucks

DIAGEO

BBVA

DNB

ENVÍPRO

Bankia

vmware

amalgamated bank

VAISALA

JUPITER

Hewlett Packard Enterprise

SGS

alstria

TATA MOTORS

AVIVA

Global Brand's Initiative (Country Mapping Subgroup)



Countries to be covered: **Bangladesh, China, Vietnam, Italy, Indonesia and Cambodia**

Main Intervention: To have an overview on the **existing solutions and challenges on RE & EE**. Key messages will be addressed to **policy makers or local NGO and UNFCCC**.

Ways of going *RENEWABLE ENERGY (Solar)*

- *ONSITE (Roof Top Mainly)*
- *OFFSITE (Power Purchase Agreement)*



1. Onsite Rooftop Solar



ON SITE SOLAR

Details Feasibility Study:



- The MOU done between the Project Development Programm (PDP) of the German Energy Solutions Initiative & Decathlon Bangladesh done on May 2019
- 22 concern suppliers gave been covered with RE Study so far.
- PDP initiated the 1st phase of the RE Study from August 2019 and shared the initial survey report on December 2019 (Based on secondary data).
- The final details report was shared By June 2020. The final details report was shared By June 2020.
- The report was found very details with the key information of feasible solar capacity, energy generations and details financial analysis of investment and ROI for the ease deciding on Solar projects for suppliers.
- The 3rd phase was made optional for the suppliers who may need solar vendor engagements from PDP side. Already 2 of the suppliers went for the 3rd phase and engaging with the PDP nominated vendors.
- In 2021, Decathlon Bangladesh has plan to engage 8 more suppliers with PDP into the project.



SNOWTEX OUTERWEAR LTD.

Used roof area (m ²)	~2,500 m ² *
Solar system size (kWp)	320 kWp
Annual solar yield (kWh)	320 kWp x 1,388 kWh/kWp = 444 MWh
Annual demand (kWh)	4,100 MWh
Solar coverage	11% (incl. NEM)
CO ₂ reduction (tons/yr)	245

Project Cash flow (pre-tax)

Weighted Average Cost of Capital (pre-tax)	%	8.52%
Project IRR	%	26.76%
Project NPV	BDT	51,192,217
Simple-Pay Back Period	years	4.42

Project costs (Self-investment)

Solar PV Costs	EUR/kWp	Total in BDT
Solar PV investment – incl. import duty/excl. of VAT	716	21,052,897
Solar PV O&M (excl. VAT) – incl. inverter replacement at year 10th	9.00	264,631



Solar Stories Begin...

- ***1. Karnaphuli Shoes : 11 MWp***
- ***2. Fakhruddin Textiles : 2.7 MWp***
- ***3. Tarasima Apparels: 2.6 MWp***
- ***4. LIDA: 478 KWp***
- ***5. Snowtex : 291 KWp***
- ***6. UHM: 250 KWp***
- ***7. DFL: 304 KWp***
- ***8. CKDL: 128 KWp***
- ***9. Edison: 225 KWp***



ONSITE RES TO INSPIRE...

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UHM LIMITED



DFL



KARNAPHULI SHOES

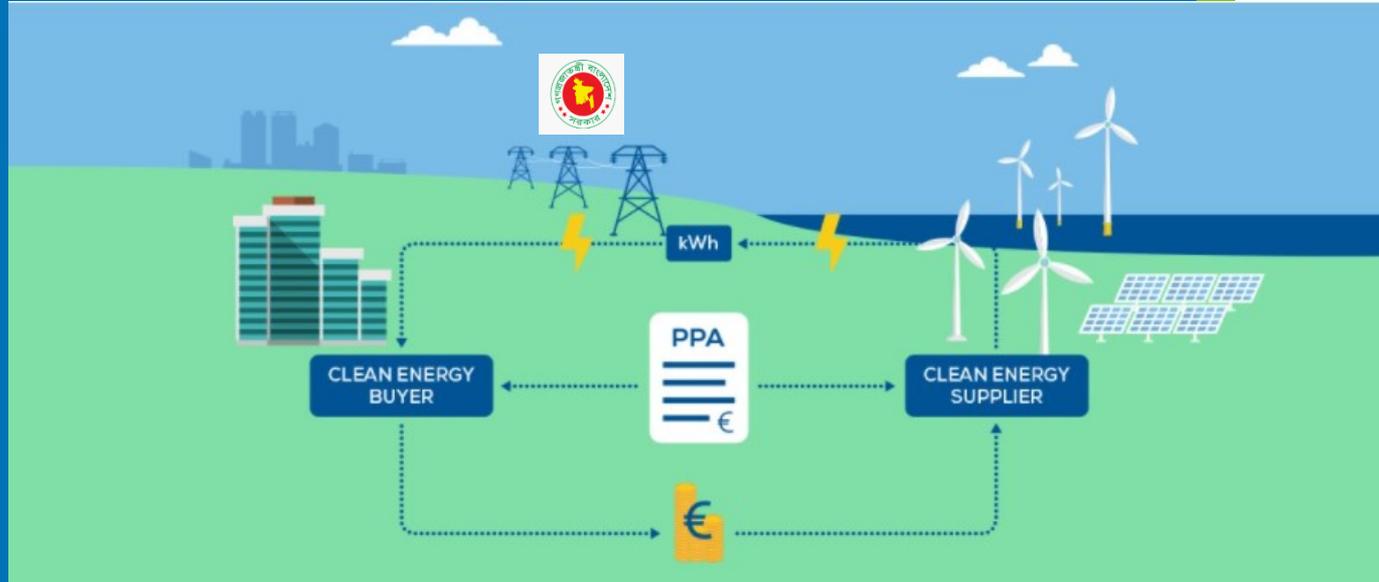


Still To Conquer...

- ***Total Solar Energy Needed:***
80,000 MWh/yr for 26 suppliers
- ***Onsite solar can generate (Feasible):***
30,000 Mwh/yr
- ***Onsite Solar plan finalized for:***
15,000 Mwh/yr
- ***Need to find solution for: 65,000 Mwh/yr***
(Where 50,000 Mwh/yr has no solution still)



2. OFFSITE (Power Purchase Agreement)



Motivating factors towards RE:

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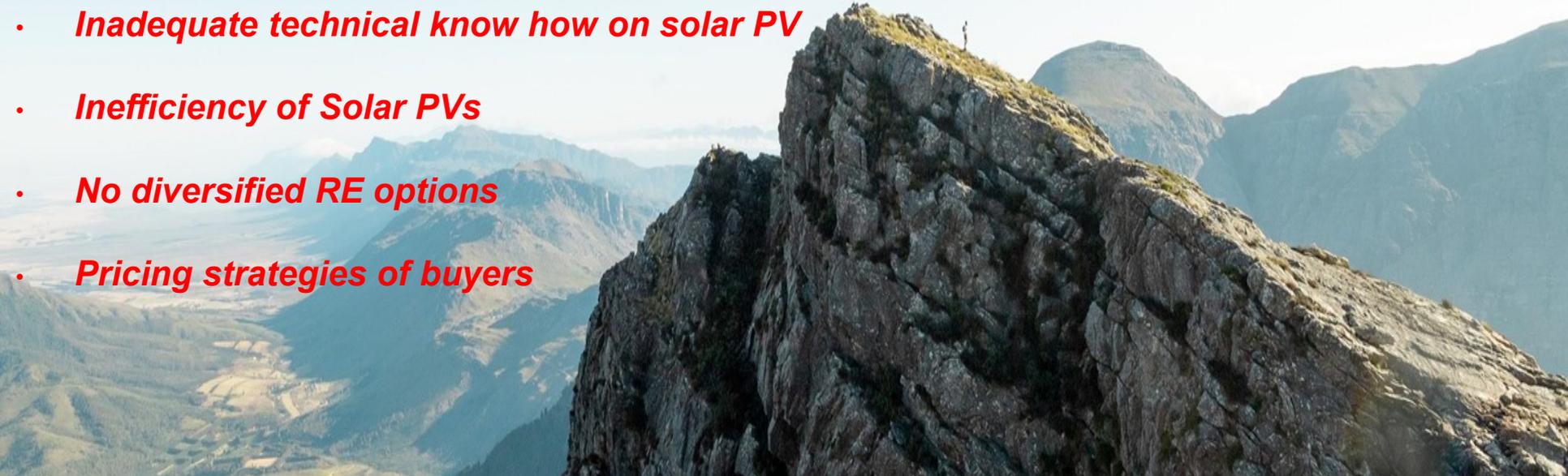
- *Contribution towards green*
- *Building positive image to buyers*
- *Good business case for factories*



Demotivating factors towards RE:

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- *Investment is high*
- *Financing solutions are not accessible/ not easy to understand*
- *Inadequate technical know how on solar PV*
- *Inefficiency of Solar PVs*
- *No diversified RE options*
- *Pricing strategies of buyers*



What is needed today:

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- *Easier Investment models*
- *Accessible and easy financing solutions*
- *Building Technical Awareness*
- *Business cases of efficient solar projects*
- *Diversifications of RE options*
- *Motivational Pricing from buyers*

