

PEEL Lab K.K. Presents

PEEL Lab 株式会社



PLANT-BASED LEATHER FOR A BETTER FUTURE



**ABOUT
US**

**We are a B2B
startup
founded on the
belief in a
sustainable future.**

MEET OUR TEAM



JIM HUANG
Founder, CEO



ALYSSA YAMASHITA
Tokyo Representative
Business Manager



PAT RIMPHADEE
Co-Head of Thailand



TONY LE
Growth Manager



SAYO YAMAGUCHI
Business Director



HIDEO HABU
Osaka Representative
Business Manager



COMPANY PROFILE

- FOUNDED IN FEBRUARY 2022
- HEADQUARTERS IN OSAKA, JAPAN
- LOCATIONS IN TOKYO, BANGKOK AND HO CHI MINH CITY



TANNING

Amount of water wasted & polluted per 1kg of animal leather production: **17 tonnes**



SHIPPING

Total amount of CO₂ produced annually through international shipping (2018) : **920 million tonnes**



METHANE GAS

Methane gas produced by bovines cause **25x more** impact to greenhouse gas effect than CO₂. Every cow produces **300~500ml** of methane gas daily.

INDUSTRIAL ISSUES

INDUSTRIAL ISSUES

80%

OF ANIMAL HIDE IS WASTED
EVERY YEAR

35%

INCREASE IN RISK OF CANCER FOR
LEATHER TANNERY WORKERS

#1

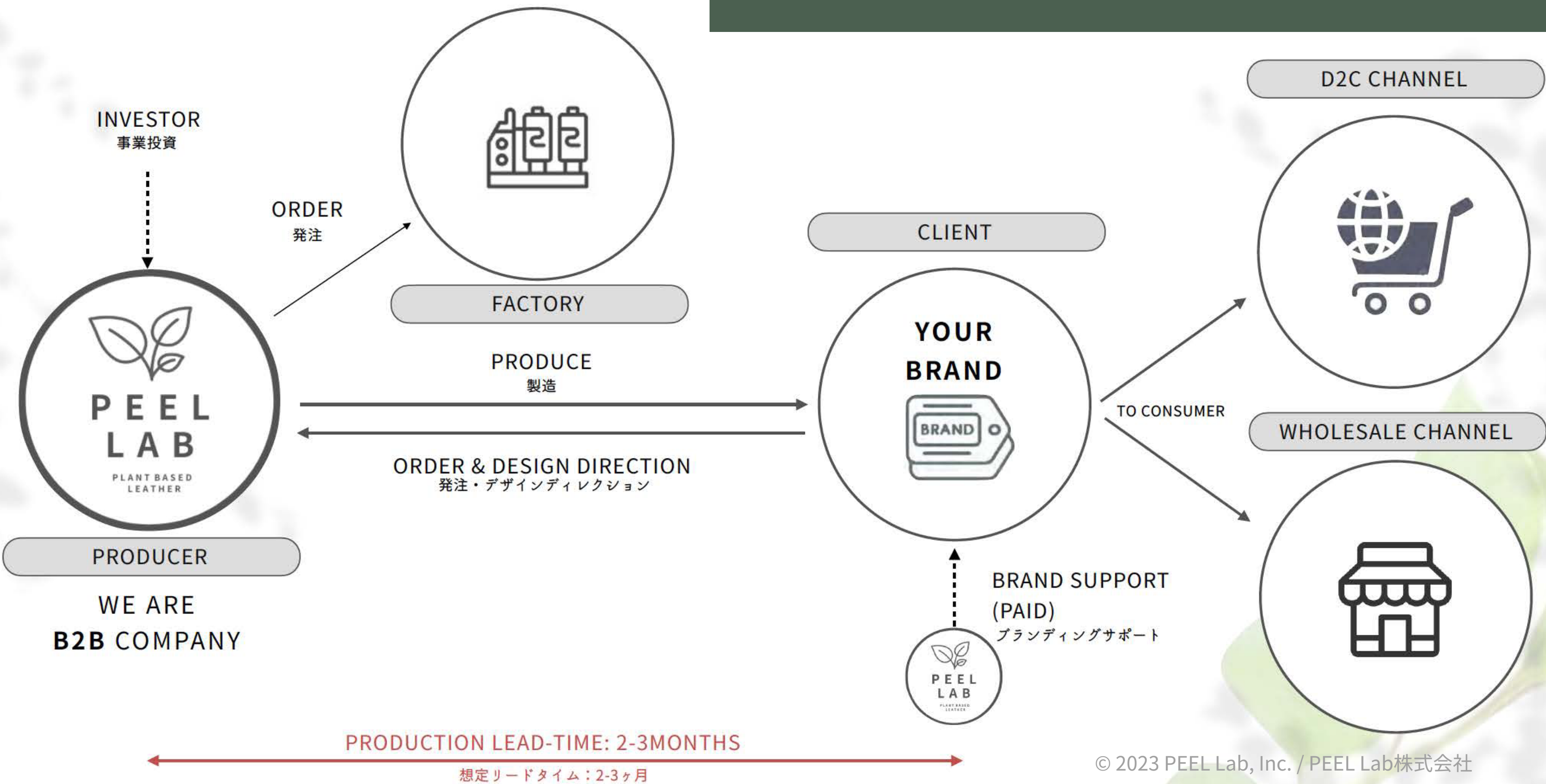
MOST DAMAGING TO THE
ENVIRONMENT AMONGST ALL OF
THE FASHION MATERIALS

Our vision is to empower corporates and brands to make the sustainable choice by providing a convenient and transparent solution for custom **plant-based leather merchandise.**

**OUR
VISION**

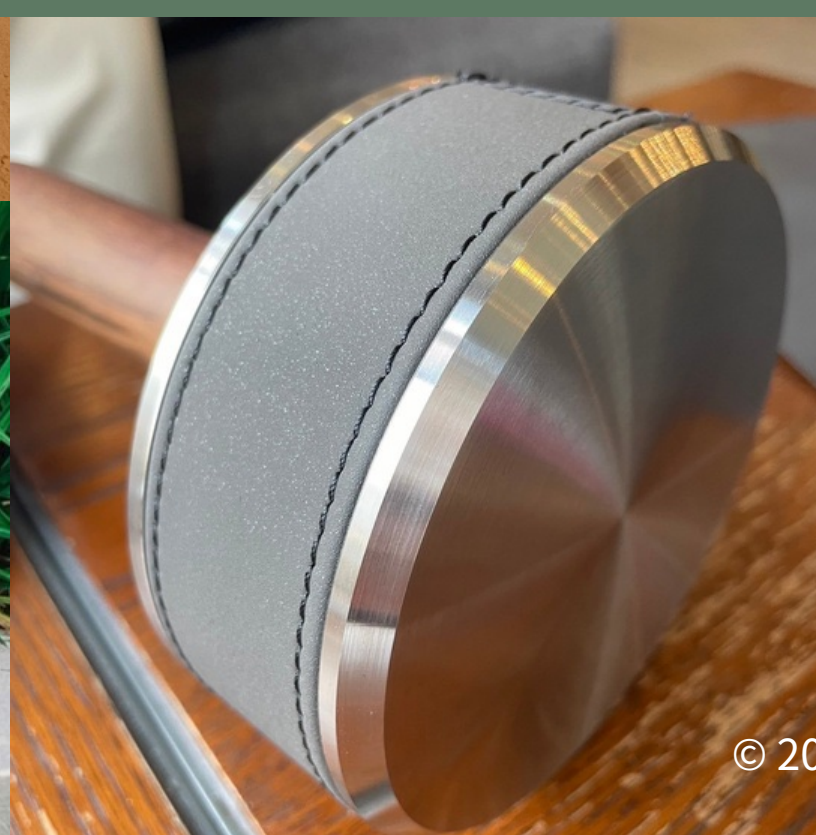


BUSINESS MODEL



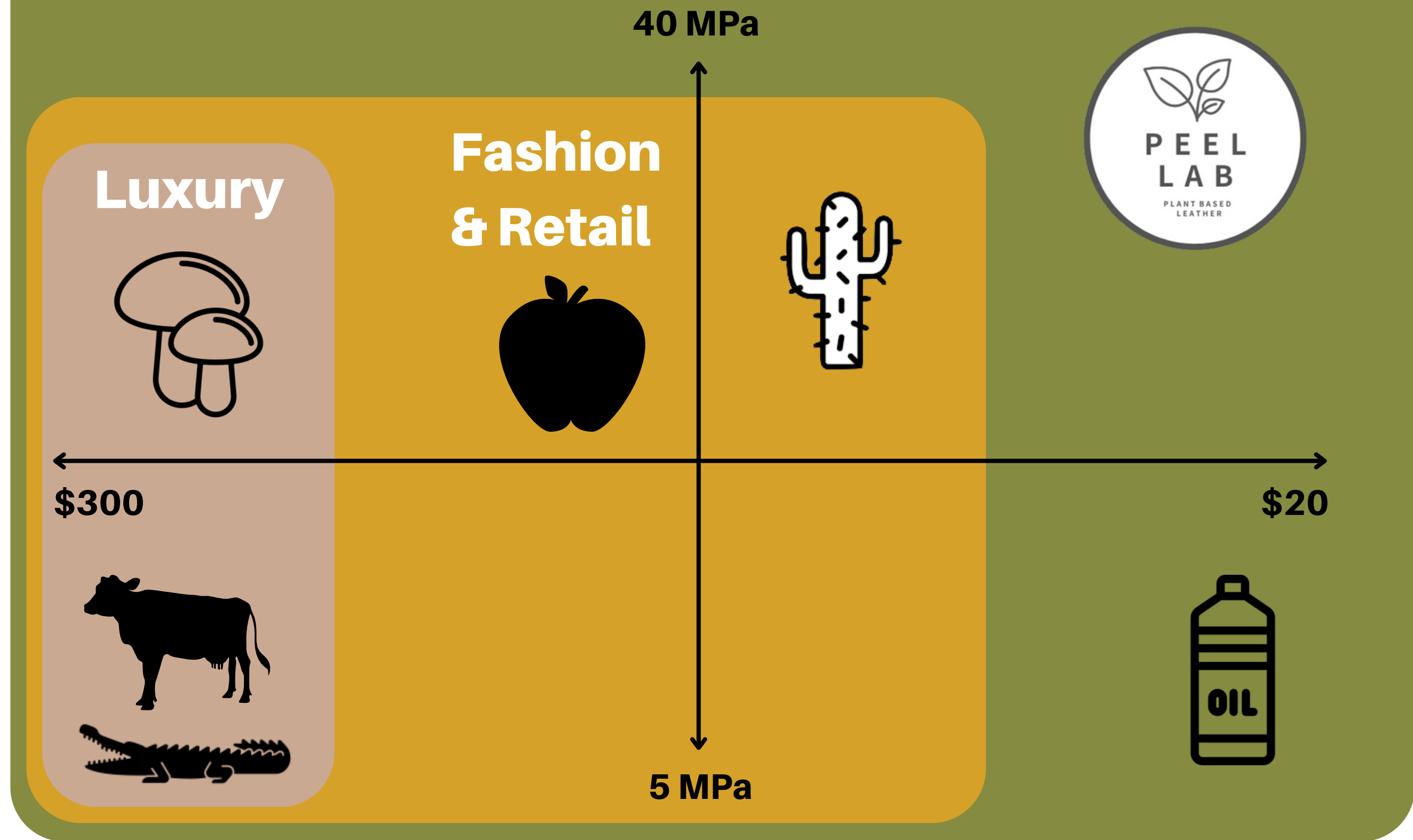


OUR PRODUCTS



Competitive Analysis

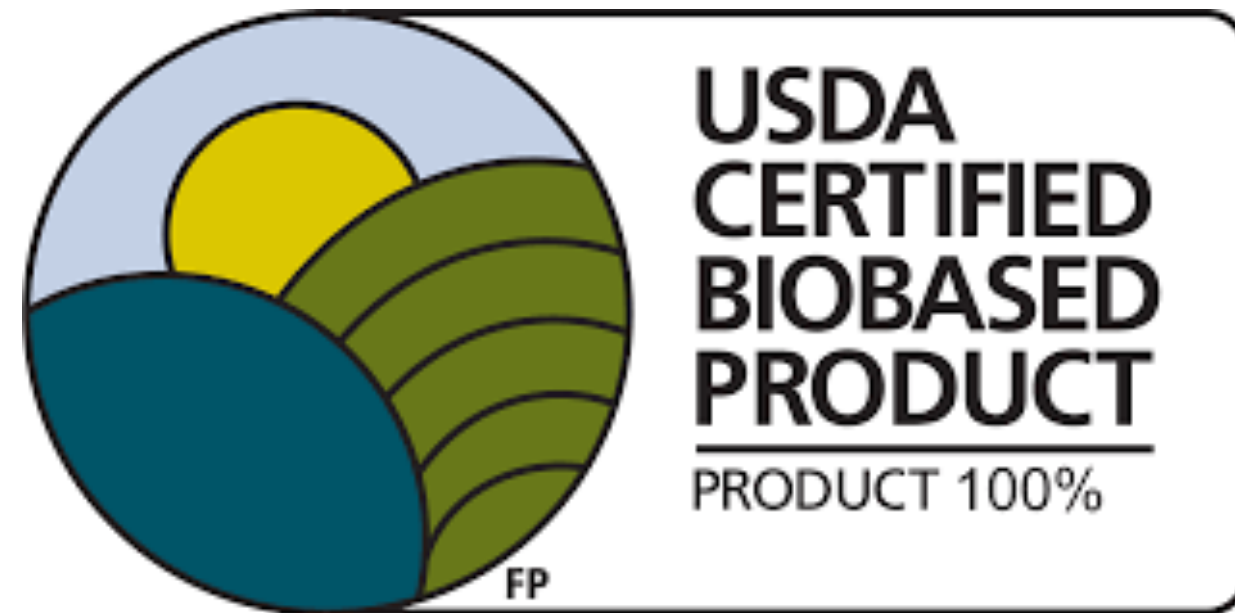
Auto, furniture, marine, sports, etc.



Comparison with *CONVENTIONAL* Leather

Leather Type	Material	Price (per m ²)	Waterproof, Scratch proof, Durability	Environmental Impact
PEEL Lab Pineapple Leather	Pineapple, Recycled PU, Recycled Resin	\$20 - \$50	Water proof Scratch proof Lasts up to 10 years without treatment	Emits only 2.75 kg of CO₂ per m² Partially biodegradable
Animal Leather (Cowhide)	Cow	\$40 - \$160	Not 100% waterproof Not scratch proof Lasts up to 30 years if oiled regularly	Emits 110 kg of CO ₂ per m ² Animal cruelty Causes water pollution Increased health risks of tannery workers
Synthetic Leather	PU	\$1 - \$30	Water proof Not Scratch proof Lasts 2-4 years	Emits 15.2 kg of CO ₂ per m ² Takes 500 years to decompose

Achievements





OUR IMPACT

180 kg

180kg of pineapple leaves are up-cycled for manufacturing our iconic pineapple leather in 2022.

85.8 t

85.8 of CO₂ emissions are reduced during the creation of our leather.ons are communication tools.

800 m

800m² of pineapple leather were manufactured in 2022.

OUR FOCUS ON SDGs

Founded on a circular economy and transparency in manufacturing processes.

OUR VISION IS TO BUILD A PLATFORM THAT...

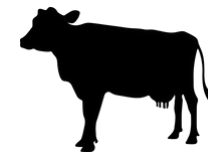
1

TACKLES FOOD WASTE



2

PREVENTS ANIMAL CRUELTY



3

STOPS GLOBAL WARMING





1%
FOR THE
PLANET

WE AIM TO REPLACE 1% OF THE GLOBAL ANIMAL AND SYNTHETIC LEATHER INDUSTRY PLANT-BASED LEATHER BY 2030. WE DEDICATE OURSELF TO TAKING ON MULTIPLE UN SUSTAINABLE DEVELOPMENT GOALS.

JOIN US ON OUR MISSION FOR A BETTER FUTURE

E-mail: info@peel-lab.com

Website: <https://www.peel-lab.com>

Instagram: [@peel.lab](https://www.instagram.com/peel.lab)

Number: +81 70-4282-7839

Thank you!