



LIFESTYLE FROM COIR PRODUCTS

Zero Waste

A Centennial years Profession

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Our Talk Today



Topics We'll Cover

Zero Waste
Introduction of Coir
Export & Domestic Figures
Products and Values
Applications
Startup Ideas
What We Can Do

95 Coconut Growing Countries

5 countries contribution More than 85%



14 States in India



22,000 Indian MSME Coir Industries



4000 cr Exports / 14000 cr
Domestic Market



Under Ministry of MSME/
Coir Board, GOI

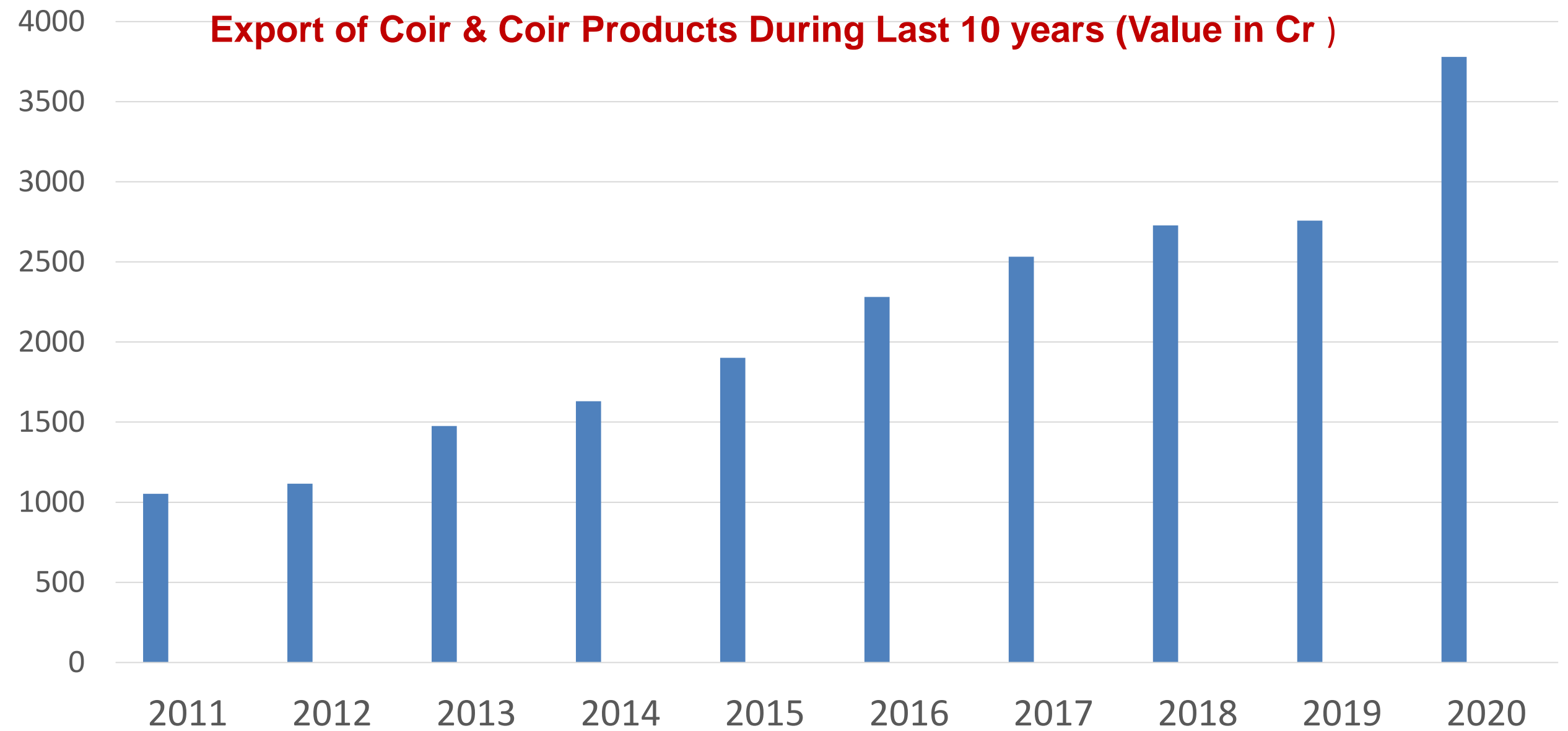


125 Countries importing Coir



COCONUT
HUSK

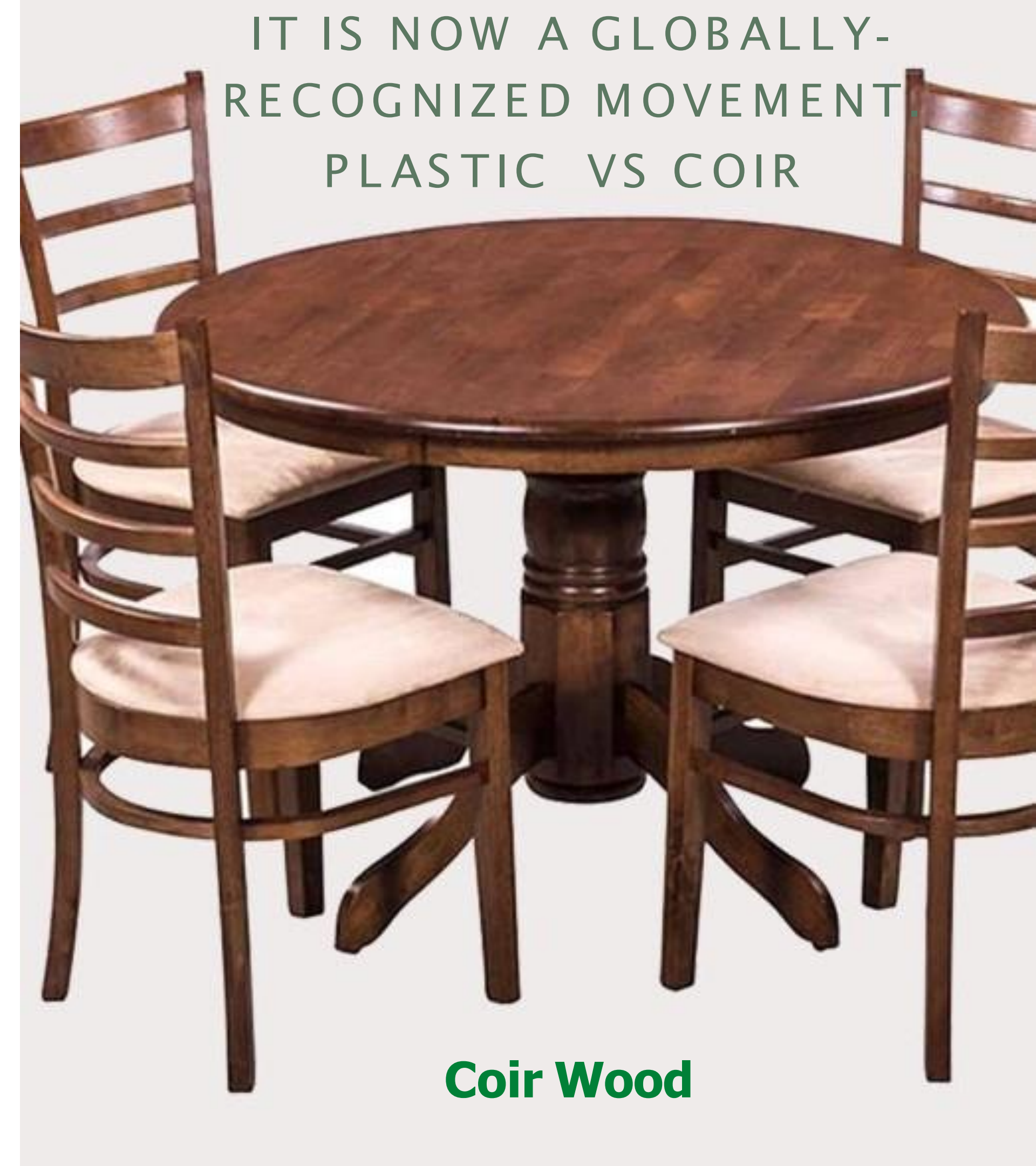
Today's Coir Performance in Export



2030 Projection Coir Export 1 Lakh Cr

The roots of Nature(COIR)

Coir Pith	59%
Coir Fibre	30%
Tufted Mat	7%
Handloom Mat	2%
Coir Geotextiles	1%
Others	1%



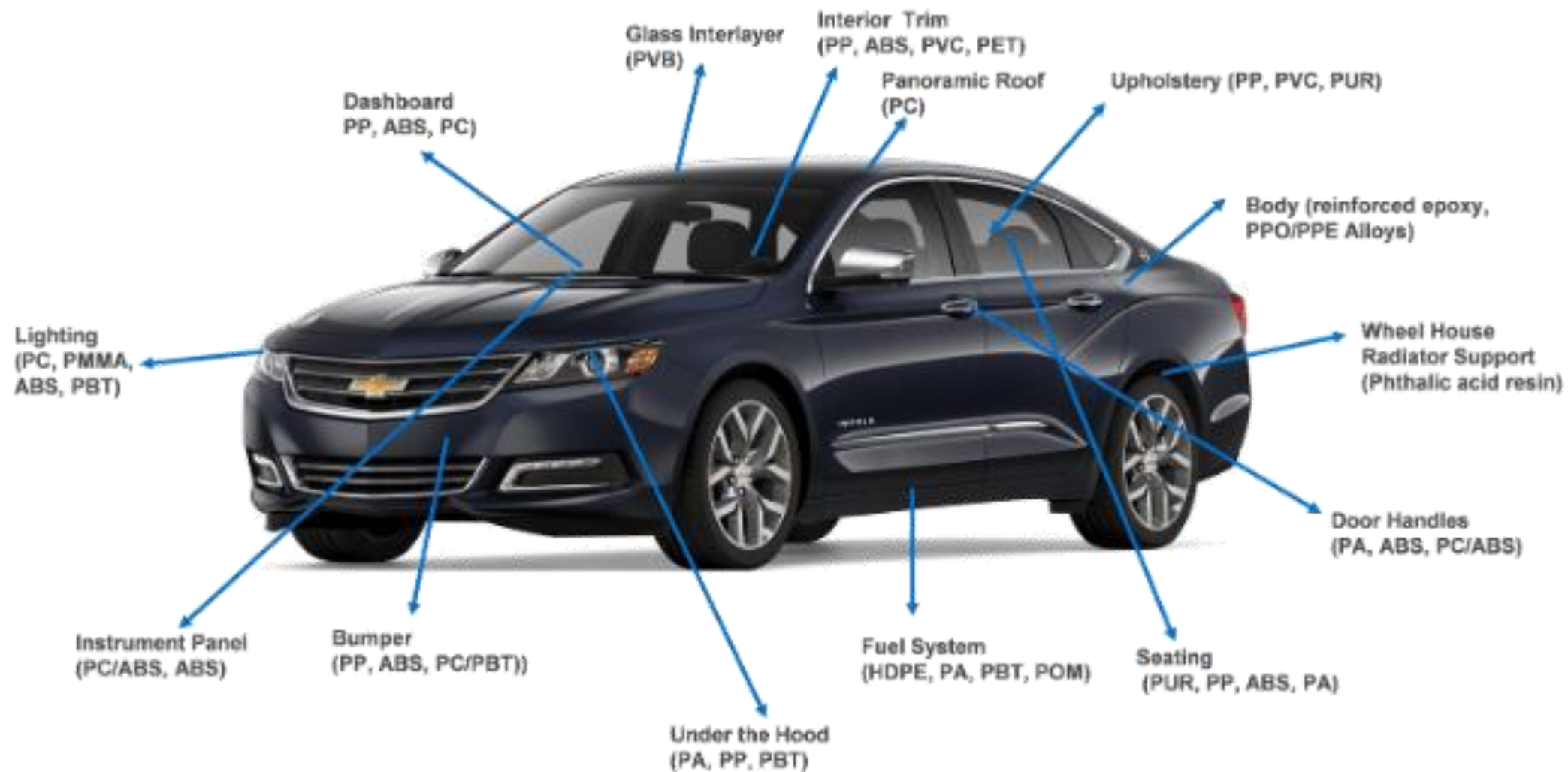
IT IS NOW A GLOBALLY-
RECOGNIZED MOVEMENT.
PLASTIC VS COIR

Coir Wood

PACKING INDUSTRIES

In 2018, the largest consumer of plastic was the packaging industry (rigid and flexible), which together formed around 59 percent of the consumption volume of India. Building and construction also had a large share at 13 percent. The total plastic consumption volume was over 15 million metric tons in that year.04-Oct-2021

Plastics Applications in Automotive Parts



**NEED
ALTERNATIVE
FOR
PLASTIC
IN**

**AUTOMOTIVE
&
PACKING
SECTOR**

General Formula For Husk to Coir

1000 Husks (7 Nos per sq. Ft)

90 kg Fiber, 180 kgs Coco Peat

Technical Details

- Land
- Building
- Power
- Water
- Labour
- Investment
- Profit
- Government Schemes



COIR
INDUSTRIES



Machines for Various Coir Processes

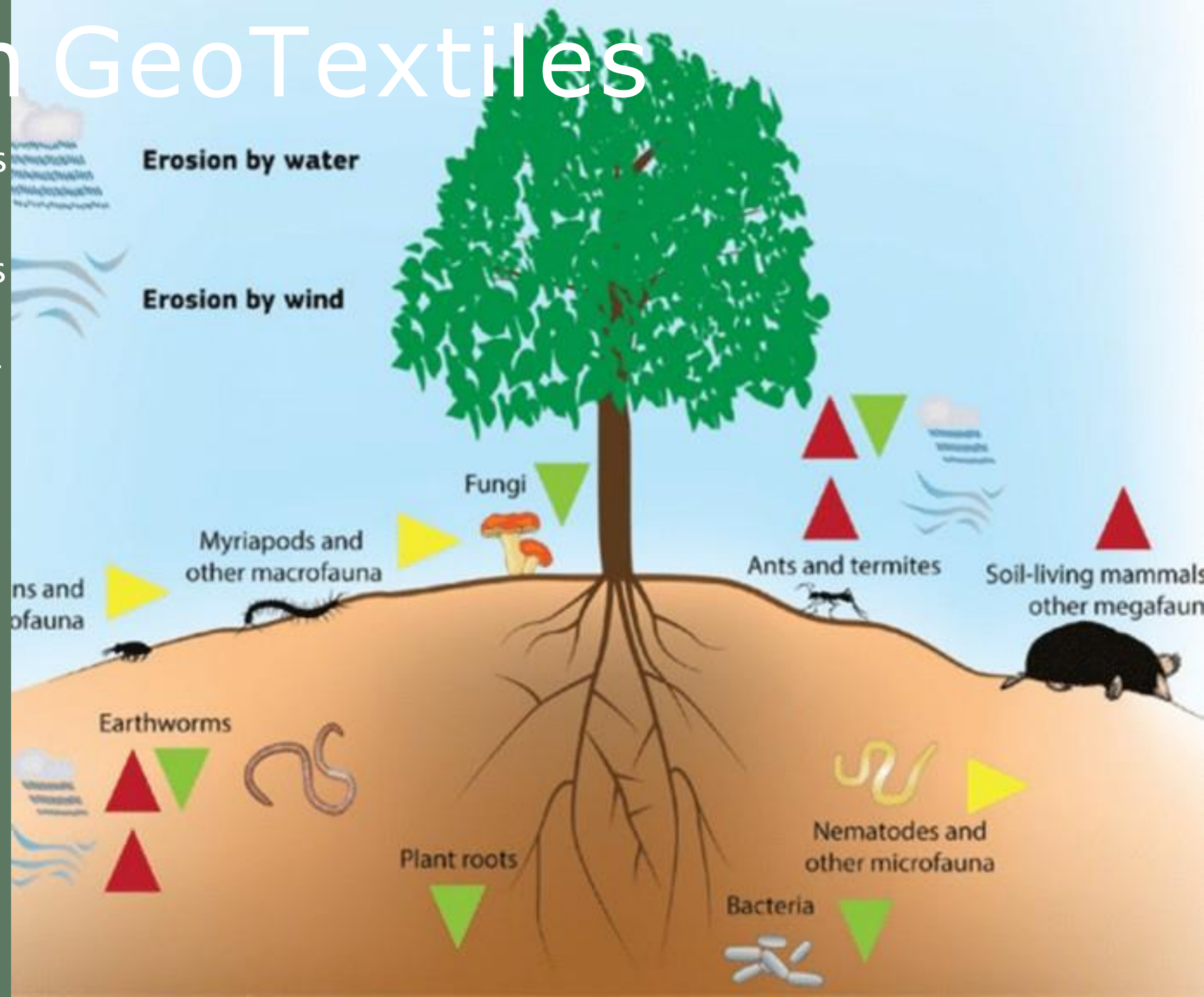


Did you know?



Coir Woven GeoTextiles

Each year, about 75 billion tons of soil is eroded from the land—a rate that is about 13 - 40 times as fast as the natural rate of erosion. Approximately 40% of the world's agricultural land is seriously degraded.





Canal slope preservation project: Govt. of Kerala

Woven Geotextiles Importing Countries

Statistics from 2020-2021

27 countries Importing Coir Geotextiles

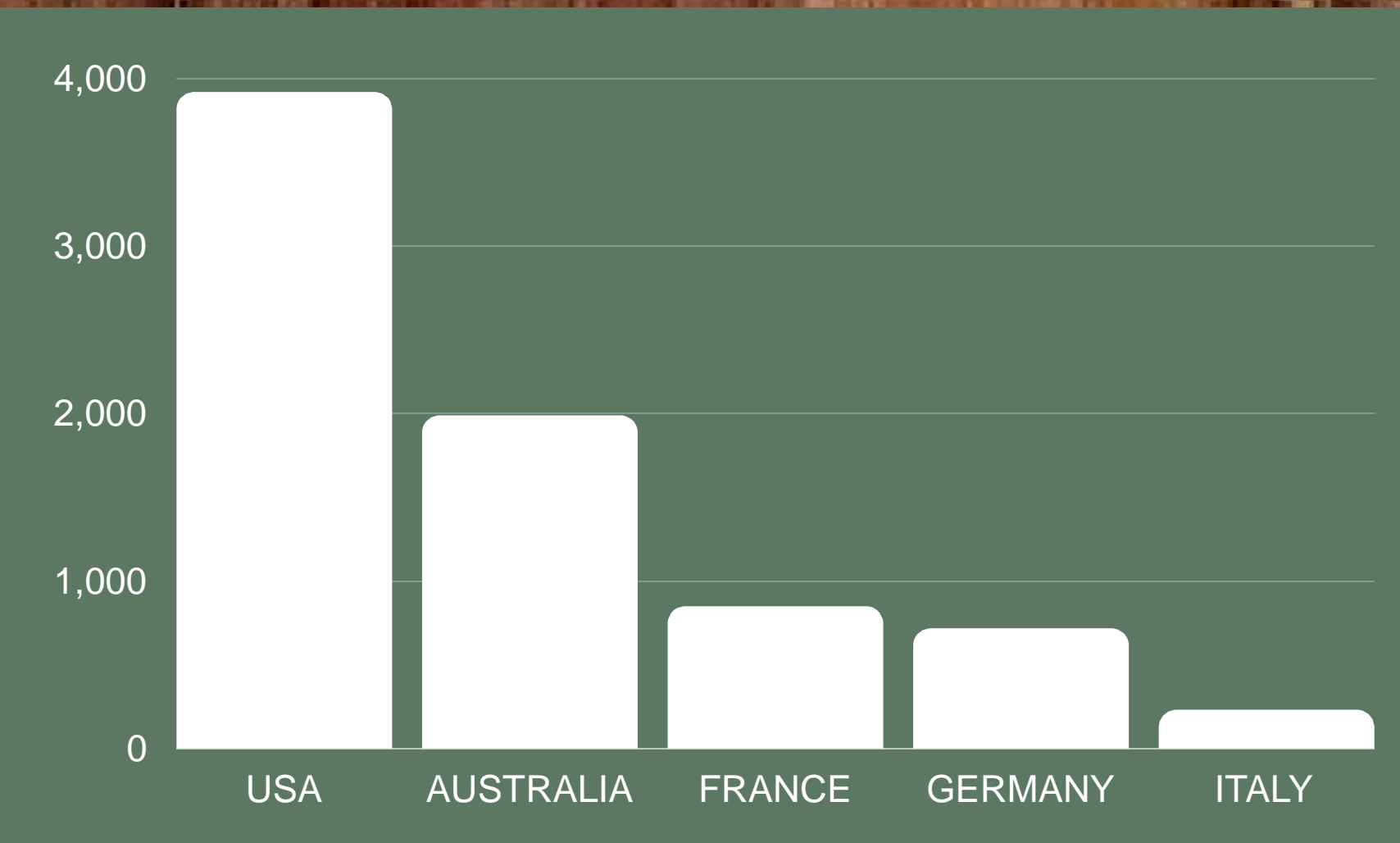
IECA -Important Seminars each year

Erosion Control & Landscaping

Packing Industries

Green House -Climbers Plants

Room Temperature Maintained without AC





24 TYPES NATURAL FIBERS AVAILABLE

Why Coir Fiber Wood

17,000 TREES DESTROYED / YR

LIGNIN 45.84%

Blending Nature

Strong to Compare Teak Wood

FURNITURE & DOORS

INDUSTRIAL APPLICATIONS

MARINE APPLICATION

AGRICULTURAL &

HORTICULTURAL APPLICATIONS

PACKING INDUSTRIES

2030 - 45000 Cr Coir Wood Industry

How
Coir
Wood
Impacts
Global
Warming

What do we do now?

SOMETHING HAS TO
CHANGE TO PROTECT
NATURE.

USE COIR -125 PRODUCTS
AVAILABLE DAILY HUMAN
LIFE

LIFESTYLE
FROM
COIR
PRODUCTS

welcome



Coco Peat

Save Water 60%

Soilless Cultivation

In soil-based agriculture, different types of soils are used to grow different crops. ... Realistically, the best setting for growing in a soil-based medium is outdoors. Soilless growing conserves water, it conserves land, and requires less pesticides that increase a farm's risk of runoff.

2025 Projections - World Total soilless estimated 15%





**What
should we
refuse?**



Refuse

Plastic Woven Geotextiles

Plastic Pots

Plastic Tables

Nursely Bags

Plastic Mats

Plastic Doors and Windows ..

Reduced 15% World Plastics

Waste Damping

125 Coir Products Available



Coir Mattress & Cushions

LIFESTYLE
FOR
SWEET DREAMS

GOOD MORNING
TO
GOOD NIGHT

Avoid Back Pain
Natural Spring Action



“Back to Grandma”

Reduce

PLASTIC BASED SCRUBBERS

USE COIR SCRUBBERS

Avoid 9% plastic waste





Recycle

PLASTIC

Since 1950, close to half of all plastic has ended up in landfill or dumped in the wild, and only 9% of used plastic has been adequately recycled. Every year, it is estimated that 4 to 12 million metric tons of plastic waste ends up in the oceans.

COIR

Eco Friendly,

No damage for land, Water & Air

Climate Change



Food Security



Nutrition Security

**Soilless Media
124 Available**

How can you start a Zero Waste Business ?



MSME Central & State Governments Schemes





Coir Board has
2 Research Institutes
6 Training Centers
25+ Showrooms
15+ Schemes
5000 more Products

Advocate eco-
friendly
alternatives

C o i r

New Innovations touch Great Heights

Mr.D.Kuppuramu
Chairman, Coir Board, GOI



Coir tooth brushes,

CONVENIENCE AT
THE EXPENSE
OF
THE ENVIRONMENT
IS NOT CONVENIENT
AT ALL.





Thanks

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