



# Good Agricultural Practices to Improve Small Holders Productivity and Quality of Life

Presented by

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**Bangladesh Rubber Board**



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# Rubber Cultivation & Bangladesh Rubber Board





# Bangladesh Rubber Board

Bangladesh Rubber Board was established in **5 May, 2013** according to the '**Bangladesh Rubber Board Act, 2013**' (19th Act of 2013) and it has started its journey as a separate office in 2019.

**Bangladesh Rubber Board** is overseeing the rubber sector in order to achieve **sustainable and environment-friendly cultivation** of rubber in Bangladesh.

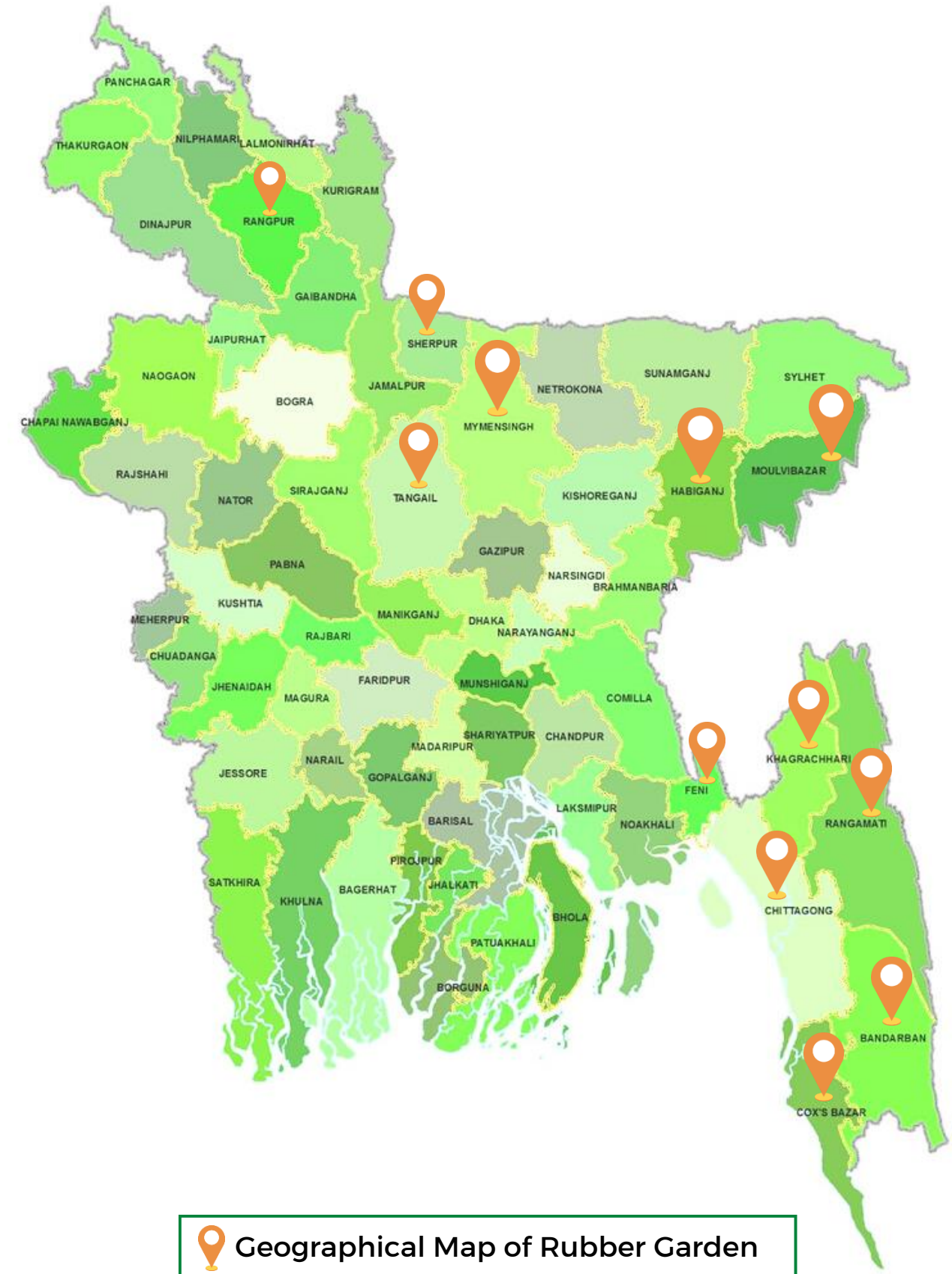






A total of **12 Districts** around **Bangladesh**, containing **Hilly areas and Plain lands** are under the supervision of **Bangladesh Rubber Board**.

Datmara Rubber Garden is said to be the **largest rubber garden in Asia** which is also under the supervision of **Bangladesh Rubber Board**.



📍 Geographical Map of Rubber Garden



## Bangladesh Rubber Board

is working for **large scale rubber cultivation**

because rubber sector

1

Creates employment

2

Controls soil erosion

3

Requires less water, fertilizer and pesticides during maintenance

4

Easier reforestation

5

Consumes more CO<sub>2</sub> and releases more O<sub>2</sub> than other trees

6

Improves status of the poor people



# Major Timeline



## A Brief History of Rubber Cultivation in Bangladesh

**1952**

**Experimental Rubber Cultivation** was started in Bangladesh.

**1959**

**Food and Agriculture Organization** recommended commercial rubber cultivation.

**1960-61**

Rubber cultivation was started in **Chattogram** and **Sylhet** under government patronage.

**1962**

Rubber cultivation activities was handed over to **Bangladesh Forest Industries Development Corporation (BFIDC)** to expand rubber cultivation.

**1973-74**

Government re-established the garden with a **Five-year Rehabilitation Project**.

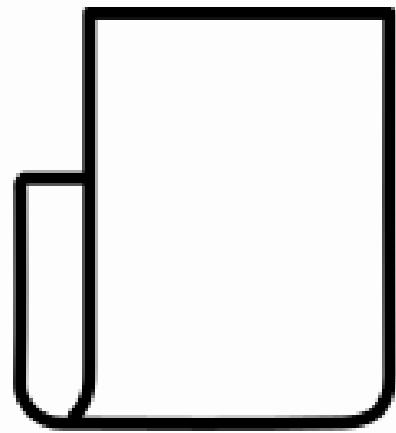
**2013**

**Bangladesh Rubber Board** was established.



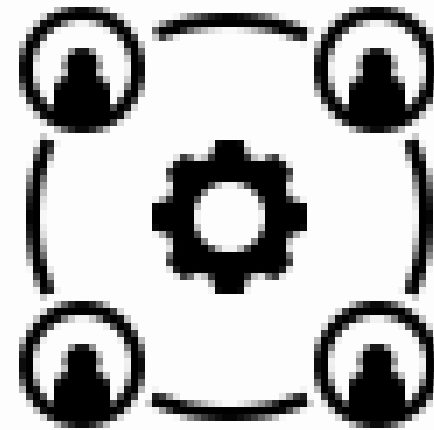


# Production & Employment in Rubber Sector



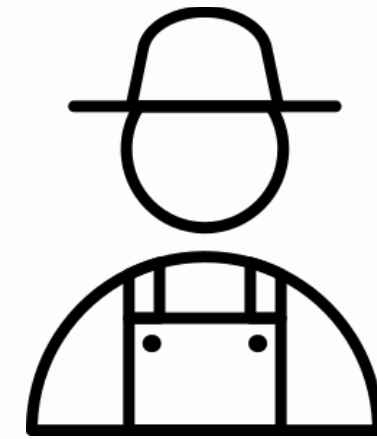
67489

Latex Production (Metric ton)



41200+

Total Workforce



5204+

Total Farmers





# Total Productive Assets in Rubber Sector



8023230+

Total Productive Rubber Trees



103004

Total Land (Acres)



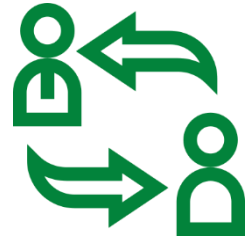
4120+

Total Rubber Garden

Source:BFIDC



# Recent Activities



Arranging workshops and dialogue meetings for stakeholders in the concerned districts



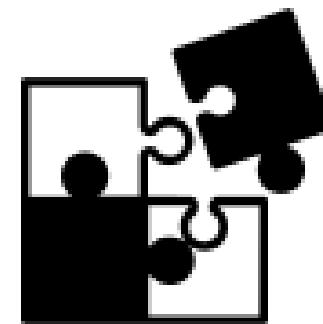
Information of cultivated leased lands is being gathered



Maintaining continuous communication with small holders



Establishing a working relationship with small holders



Solving fundamental issues faced by the small holders during cultivation

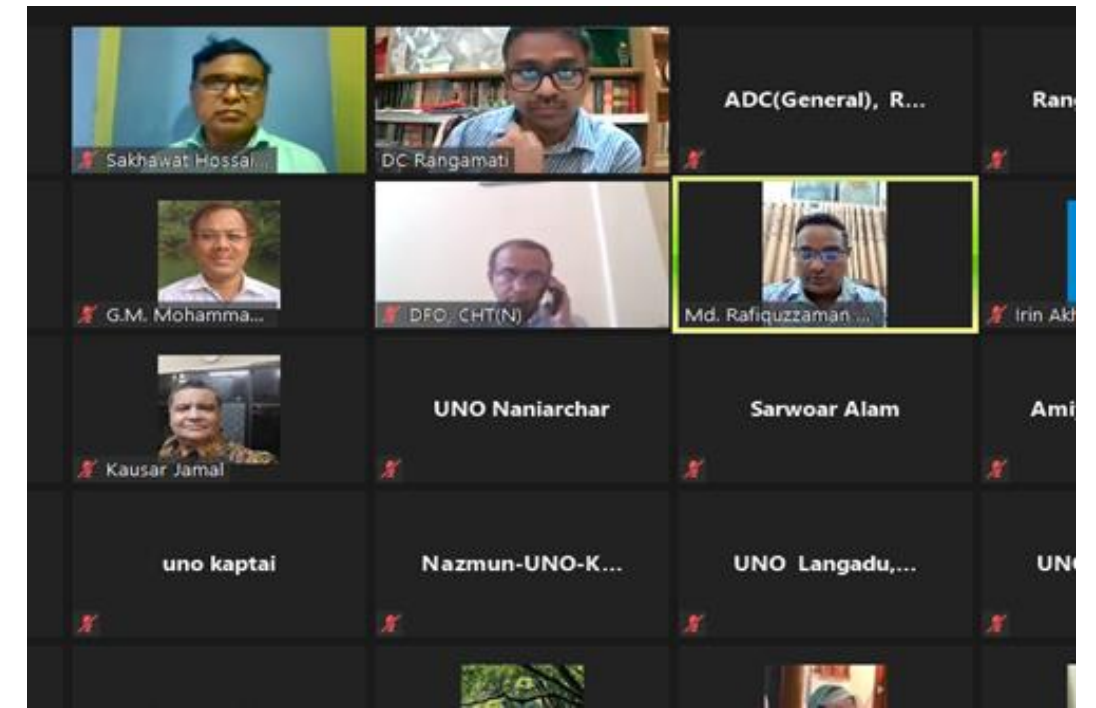


Organizing dialogue meetings and seminars to promote rubber cultivation and rubber based industry





# Meetings and Seminars



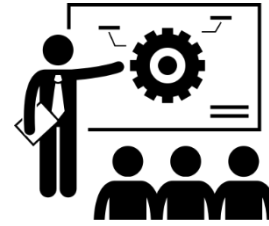




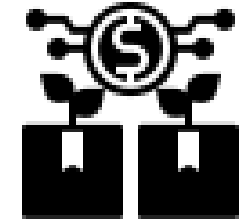
# Ongoing Activities



Gathering information of all rubber plantations.



Conducting training for tappers, garden owners and managers, also organizing in-house training



Prioritizing marketing, export and setting up rubber based industries



Making Geo-Database



Focusing on large-scale rubber production through high yielding rubber clones





FIELD VISITS

BY  
BANGLADESH  
RUBBER  
BOARD





# Other Activities

1

Amending existing related laws and policies

2

Visiting and inspecting rubber gardens

3

Encouraging all smallholders to form association

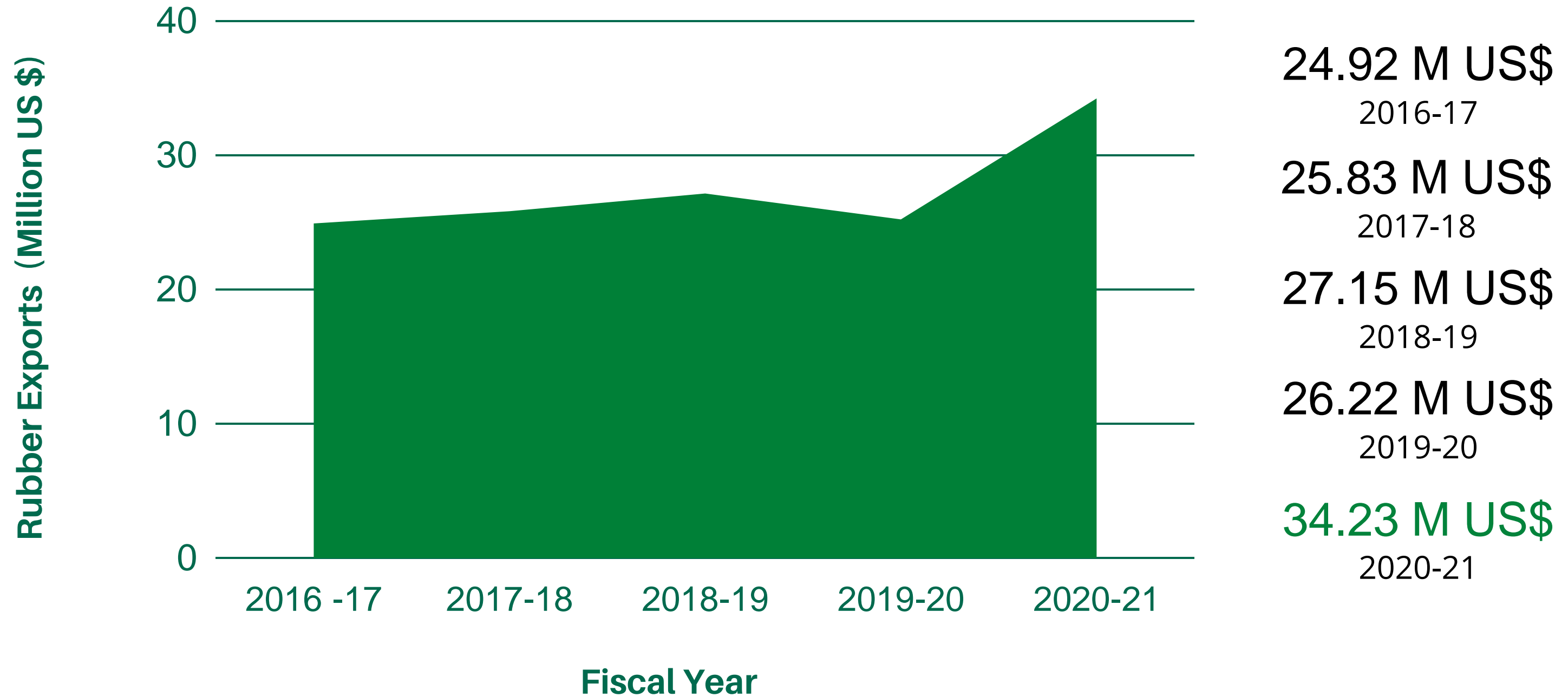
4

Promoting **rubber cultivation**





# Total Rubber Exports



Source:  
EPB



# International Membership Status



Bangladesh Rubber Board became a member of **Association of Natural Rubber Producing Countries (ANRPC)** in October 2017 and also it has membership with **International Rubber Research and Development Board (IRRDB)**



# MoU Signing



The Memorandum of Understanding (MoU) was signed by the member countries of IRRDB for “The Multilateral Clone Exchange Among IRRDB Member Countries”





# Good Agricultural Practices & Small holders' Status in Bangladesh





GAP

An integrated set of recommended crop, soil, water and weed management practice

# Good Agricultural Practices

“ A collection of principles to apply for on-farm production and post-production processes, resulting in safe and healthy food and non-food agriculture products, while taking into account economic, social and environmental sustainability.”



# Small holders in Bangladesh

Due to continuous effort of Bangladesh Rubber Board, the small holders of khagrachari district formed a registered association named **Khagrachari Rubber Garden Owners Cooperative Association Ltd.**

There is also an association of small holders named "**Bangladesh Rubber Garden Owners Association**"







# Small Holders' Status



Information of small holder's assets

## Khagrachari

541

Tappers

452464

Rubber Trees

1343

Acres of Land

## Chattogram

5799

Tappers

4943136

Rubber Trees

14496

Acres of Land

## Tangail

2512

Tappers

2141139

Rubber Trees

6279

Acres of Land

## Moulavibazar

1685

Tappers

1435951

Rubber Trees

4211

Acres of Land

\*\* Information collected till now



# Small Holders' Status



Information of small holder's assets

## Cox's Bazar

853

Tappers

726671

Rubber Trees

2131

Acres of Land

## Feni

10

Tappers

8525

Rubber Trees

25

Acres of Land

## Mymensingh

415

Tappers

353276

Rubber Trees

1036

Acres of Land

## Habiganj

1549

Tappers

1320352

Rubber Trees

3872

Acres of Land

\*\* Information collected till now



# Development Plans to Achieve

(Government announced plans & UN announced SDG goals)





# Sustainable Development Goals

The Rubber sector of Bangladesh is expected to contribute in **goal 1,5,13** through sustainable rubber cultivation practice.

**Bangladesh Rubber Board** is working hand in hand to achieve these goals by **2030**



THE GLOBAL GOALS





# Delta Plan

## Honourable Prime Minister's Announcement

The **Bangladesh Delta Plan 2100** is grounded in a vision of the future for the Bangladesh Delta. The formulated **Delta Vision** has been included in Bangladesh's **8th Five Year Plan (2021-2025)** as follows:

'Ensure long-term water and food security, **economic growth** and **environmental sustainability** while effectively coping with **natural disasters, climate change**, and other delta issues through **robust, adaptive and integrated strategies, and equitable water governance.**'





# 8<sup>th</sup> Five Year Plan (2021-2025)



8.51%  
GDP Growth Rate



11.33 million  
Employment Creation



15.60%  
Poverty Rate Reduction

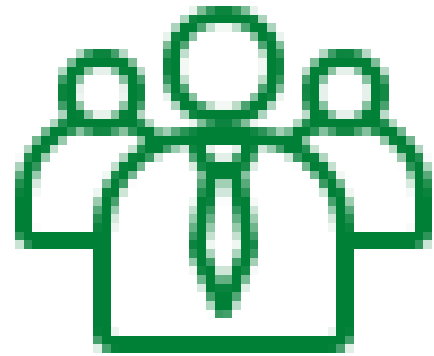
- In Bangladesh, almost 41,000 people work on about 100,000 acres of rubber garden creating jobs and reducing poverty.
- Large-Scale Rubber production is expected to contribute in GDP to achieve the target milestone of 8.51%.



# Major Challenges in Rubber Cultivation & Ways to Face the Challenges



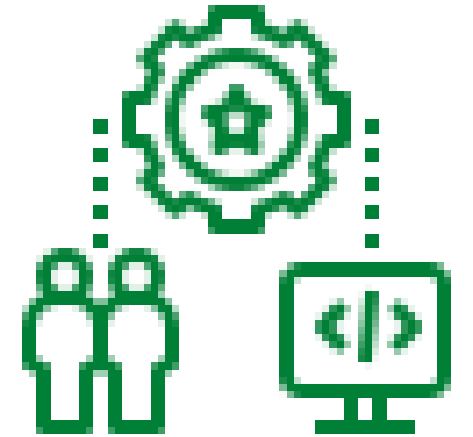
# Major Challenges



**Unskilled Human Resources**



**Lack of Human Development Opportunity**



**Infrastructural Difficulties**



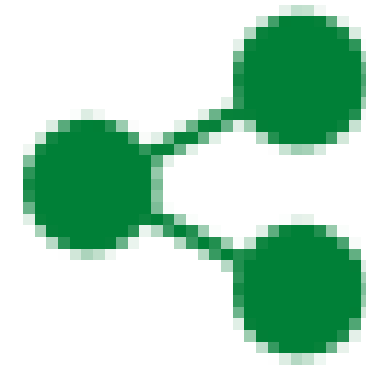
# Rubber Cultivation in Bangladesh needs



**Research**



**Proper Training**



**Experience Sharing**



**Clone Exchange**

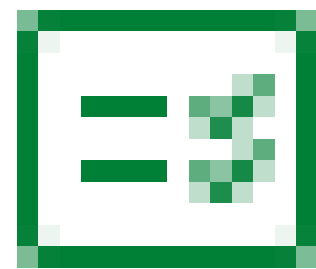




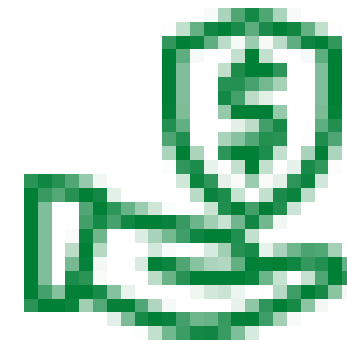
# Rubber Based Industries Needs



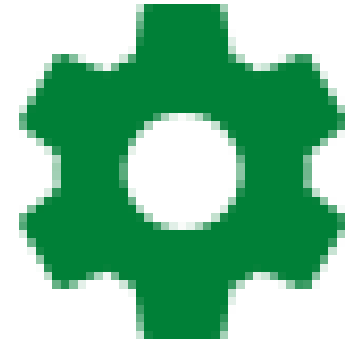
**Technology Sharing**



**Grading System**



**Investment Support**



**Transfer of Technology**



# Prospects & Investment Opportunities

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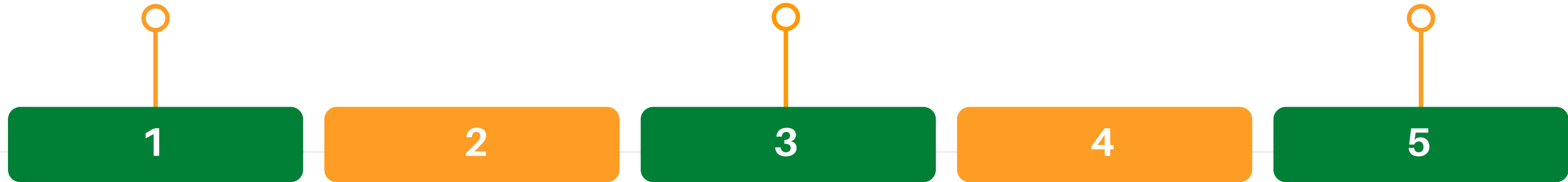


# Prospects

New **tourism** destination

**1,00,000+** type of production capacity including toys, tires, slippers, tubes from natural rubber

Huge production of **natural rubber**



Can get **medicinal plant** and **honey**

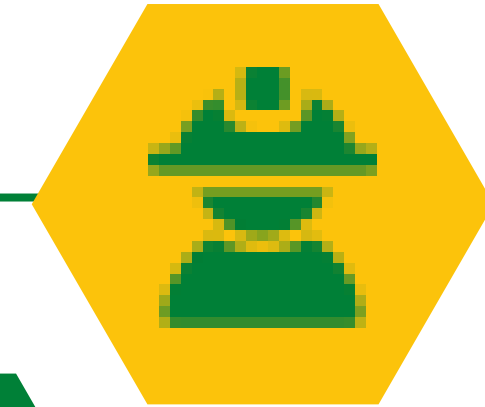
Profitable **foreign and domestic investment**



# Investment Opportunities



Labour Intensive economy



Special Facilities and venture capital support under "Thrust Sectors"



Suitable Lease Facilities for establishing industries & Factories



Tax Holiday Facilities and Exemptions





# Bangladesh Rubber Board is looking for

- International Collaborations
- Investment Supports
- Human Capital Exchange





# Concluding Remarks

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Bangladesh rubber sector is a growing sector with huge potentials.

With the help of planned investment and proper technological advancement our rubber sector has scope to grow and aid the world natural rubber production ensuring economical and ecological balance.



Thank You!