



# Transforming Fashion

with *Renewable fibre*







## ASIA PACIFIC RAYON (APR)

APR is Asia's first fully integrated viscose rayon producer. These biodegradable fibres are used in a variety of textile applications. From plantation to fibre, our state-of-the-art facility responsibly produces more than 300,000 tonnes of Viscose Staple Fibre annually.

Our manufacturing processes adhere to EU-BAT guidelines and are Zero Discharge of Hazardous Chemicals (ZDHC) certified.



Integrated  
Production



Clean  
Manufacturing



Self-Sufficient  
Green Energy



EU-BAT  
Compliant



ZDHC  
Certified

## COMES FROM NATURE, GOES BACK TO NATURE



Viscose Staple Fibre is used in a variety of apparel and home textile applications. Known for imparting softness, breathability and comfort, VSF is a biodegradable fibre that comes from nature and goes back to nature.

|               | Dtex | Length (mm)    | Recommended Applications                                                                | Product Characteristics                                 |
|---------------|------|----------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------|
| Microfibre    | 1.11 | 38             | High thread count yarns. Suitable for blending with wool, linen and long staple cotton. | Fabric is softer, smoother and easier to print and dye. |
| High Tenacity | 1.33 | 32/ 38/ 44/ 51 | High-medium thread count yarns.                                                         | Easier for spinning and resistant to pilling.           |



# WORLD CLASS INTEGRATED OPERATIONS

## Engineered for Efficiency

We support APRIL Group's Restorasi Ekosistem Riau (RER) project and contribute to conservation and wildlife habitat protection in Indonesia. APRIL Group is one of the largest, most technologically advanced and efficient producers of pulp and paper products in the world.

All our dissolving wood pulp is derived from sustainably managed and certified forestry operations.



We are committed to zero discharge of hazardous substances and monitor our waste water quality continuously.



We are co-located with our main dissolving wood pulp supplier in a fully integrated facility.



We employ more than 200 leading scientists and R&D professionals for advance science-based forestry management.

Our mill is equipped with the latest CS<sub>2</sub> gas recovery plant to ensure the lowest sulphur to air emissions.

We focus on increasing energy and water efficiency. Our energy supply is from 100% renewable resources.

# SUSTAINABILITY COMMITMENTS

APR2030 is our commitment to achieving a measurable and positive impact on climate and nature, promoting inclusive prosperity and gender equality across our value chain and improving on clean manufacturing processes.



## CLIMATE AND NATURE POSITIVE

**50% less** product carbon emissions

**100% renewable** energy

**NET ZERO emissions** from land-use by APRIL

**Contribute to conservation + wildlife habitat protection** in Indonesia



## CLEAN MANUFACTURING & CLOSED LOOP

**>95%** total sulphur recovery

**50% less** water used

**80% less** waste to landfill

**EU-BAT** compliant

**ZDHC MMCF** aspirational levels achieved



## CIRCULARITY

**20%** recycled textile content

Feasibility for **scaled recycled textile facility**

Feasibility for **establish urban textile recycling centres**

## INCLUSIVE PROSPERITY

**ZERO** extreme poverty

Increased access to **primary health care services**

Promote **traditional textile craftsmanship**

Create a **regional textile hub**

Advance **gender equality** across the value chain







Ring Frame Machine



MVS Machine



Open End Machine

## ASIA PACIFIC YARN (APY)

A fully integrated viscose yarn manufacturer, APY is co-located next to the APR facility. Equipped with the latest machineries, APY can produce around 8,000 tonnes of 100% viscose yarns annually.

APY's in-house labs provide world class testing facilities that support a diverse range of product development and applications.

| Product   | Count Range (Ne) | Type   |
|-----------|------------------|--------|
| Ring Yarn | 16's-60's        | Bright |
| MVS Yarn  | 16's-60's        | Bright |
| OE Yarn   | 16's-40's        | Bright |

### Extending Partnerships



Product  
Innovation



Product Development  
Support



Technical Know-How  
Support



Business Development and  
Marketing Support





Co-Working Space & Mini Photo Studio



Mini Store



Fabric Gallery



Workshop Space



Discussion Space

## JAKARTA FASHION HUB (JFH)



A collaborative space for start-up brands, fashion designers, enthusiasts and institutes to connect, collaborate and create together.

JFH provides facilities like a photo studio, workshop areas, and collection of fabrics developed by APRs esteemed value chain partners - all under one roof. Located in the heart of Jakarta, JFH is a go-to destination for Indonesia's fashion fraternity.





For more information



[www.aprayon.com](http://www.aprayon.com) |    Asia Pacific Rayon