

## 2018 AGM & PRESENTATION

**Nanollose Limited (ASX:NC6)** reminds shareholders that its 2018 Annual General Meeting will be held at 1:00pm WST on Monday, 29 October 2018 at its registered office located at:

**Suite 5, Chelsea Professional Centre  
145 Stirling Highway, Nedlands WA 6009**

The Notice of Meeting was sent to all shareholders of the Company and lodged with ASX on Thursday, 27 September 2018.

For those shareholders who are unable to attend the AGM in person, we encourage you to vote on the resolutions via proxy, either by going online to <https://investor.automic.com.au/#/loginsah> or by submitting your personalised proxy form by no later than 1:00pm WST on Saturday, 27 October 2018. If you require a replacement proxy form, please contact our office or alternatively, use the generic proxy form attached to this announcement.

### Management Presentation

The Company is also pleased to attach a copy of the presentation that Management intends to deliver at the AGM.

The Board wishes to take this opportunity to thank shareholders for their ongoing support.

**[ENDS]**

For further information, please contact:

**Eryln Dale**  
Company Secretary  
Email: [eryln.dale@nanollose.com](mailto:eryln.dale@nanollose.com)  
Phone: (08) 9389 3120

### ABOUT NANOLLOSE

Nanollose Limited (ASX: NC6) is an innovative Australian company that uses a low cost and eco-friendly fermentation process to grow fibres that could become a sustainable alternative to conventional plant-derived cellulose fibres. The Company's process, which uses streams from various large-scale industries like sugar, wine and food, has the ability to produce 'Plant-Free' Cellulose. Cellulose is the hidden building block polymer most consumers know nothing about, but forms a huge part of items used in their everyday life such as clothing, paper and hygiene products.

Holder Number:

## Vote by Proxy: NC6

Your proxy voting instruction must be received by **1.00pm (WST) on Saturday, 27 October 2018** being **not later than 48 hours** before the commencement of the Meeting. Any Proxy Voting instructions received after that time will not be valid for the scheduled Meeting.

### SUBMIT YOUR PROXY VOTE ONLINE

#### Vote online at <https://investor.automic.com.au/#/loginsah>

Login & Click on 'Meetings'. Use the Holder Number as shown at the top of this Proxy Voting form.

- ✓ **Save Money:** help minimise unnecessary print and mail costs for the Company.
- ✓ **It's Quick and Secure:** provides you with greater privacy, eliminates any postal delays and the risk of potentially getting lost in transit.
- ✓ **Receive Vote Confirmation:** instant confirmation that your vote has been processed. It also allows you to amend your vote if required.



### SUBMIT YOUR PROXY VOTE BY PAPER

Complete the form overleaf in accordance with the instructions set out below.

#### YOUR NAME AND ADDRESS

The name and address shown above is as it appears on the Company's share register. If this information is incorrect, and you have an Issuer Sponsored holding, you can update your address through the investor portal: <https://investor.automic.com.au/#/home>. Shareholders sponsored by a broker should advise their broker of any changes.

#### VOTING UNDER STEP 1 - APPOINTING A PROXY

If you wish to appoint someone other than the Chairman of the Meeting as your proxy, please write the name of that Individual or body corporate. A proxy need not be a Shareholder of the Company. Otherwise if you leave this box blank, the Chairman of the Meeting will be appointed as your proxy by default.

#### DEFAULT TO THE CHAIRMAN OF THE MEETING

Any directed proxies that are not voted on a poll at the Meeting will default to the Chairman of the Meeting, who is required to vote these proxies as directed. Any undirected proxies that default to the Chairman of the Meeting will be voted according to the instructions set out in this Proxy Voting Form, including where the Resolutions are connected directly or indirectly with the remuneration of Key Management Personnel.

#### VOTES ON ITEMS OF BUSINESS – PROXY APPOINTMENT

You may direct your proxy how to vote by marking one of the boxes opposite each item of business. All your shares will be voted in accordance with such a direction unless you indicate only a portion of voting rights are to be voted on any item by inserting the percentage or number of shares you wish to vote in the appropriate box or boxes. If you do not mark any of the boxes on the items of business, your proxy may vote as he or she chooses. If you mark more than one box on an item your vote on that item will be invalid.

#### APPOINTMENT OF SECOND PROXY

You may appoint up to two proxies. If you appoint two proxies, you should complete two separate Proxy Voting Forms and specify the percentage or number of shares each proxy may exercise. If you do not specify a percentage or number, each proxy may exercise half the votes. You must return both Proxy Voting Forms together. If you require an additional Proxy Voting Form, contact Automic Registry Services.

#### SIGNING INSTRUCTIONS

You must sign this form as follows in the spaces provided.

**Individual:** Where the holding is in one name, the Shareholder must sign.

**Joint holding:** Where the holding is in more than one name, all of the Shareholders must sign.

**Power of attorney:** If you have not already lodged the power of attorney with the registry, please attach a certified photocopy of the power of attorney to this Proxy Voting Form when you return it.

**Companies:** To be signed in accordance with your Constitution. Please sign in the appropriate box which indicates the office held by you.

**Email Address:** Please provide your email address in the space provided.

**By providing your email address, you elect to receive all communications despatched by the Company electronically (where legally permissible) such as a Notice of Meeting, Proxy Voting Form and Annual Report via email.**

#### CORPORATE REPRESENTATIVES

If a representative of the corporation is to attend the Meeting the appropriate 'Appointment of Corporate Representative' should be produced prior to admission. A form may be obtained from the Company's share registry online at <https://automic.com.au>.

#### ATTENDING THE MEETING

Completion of a Proxy Voting Form will not prevent individual Shareholders from attending the Meeting in person if they wish. Where a Shareholder completes and lodges a valid Proxy Voting Form and attends the Meeting in person, then the proxy's authority to speak and vote for that Shareholder is suspended while the Shareholder is present at the Meeting.

#### POWER OF ATTORNEY

If a representative as power of attorney of a Shareholder of the Company is to attend the Meeting, a certified copy of the Power of Attorney, or the original Power of Attorney, must be received by the Company in the same manner, and by the same time as outlined for proxy forms.







# 2018 AGM PRESENTATION

Textiles for the 21<sup>st</sup> Century

# The Fashion Industry's Best Kept Secret



150 million trees are chopped down annually to make textiles and that number is set to double in the next decade.

It's unsustainable:

- Commercially
- Environmentally
- Socially

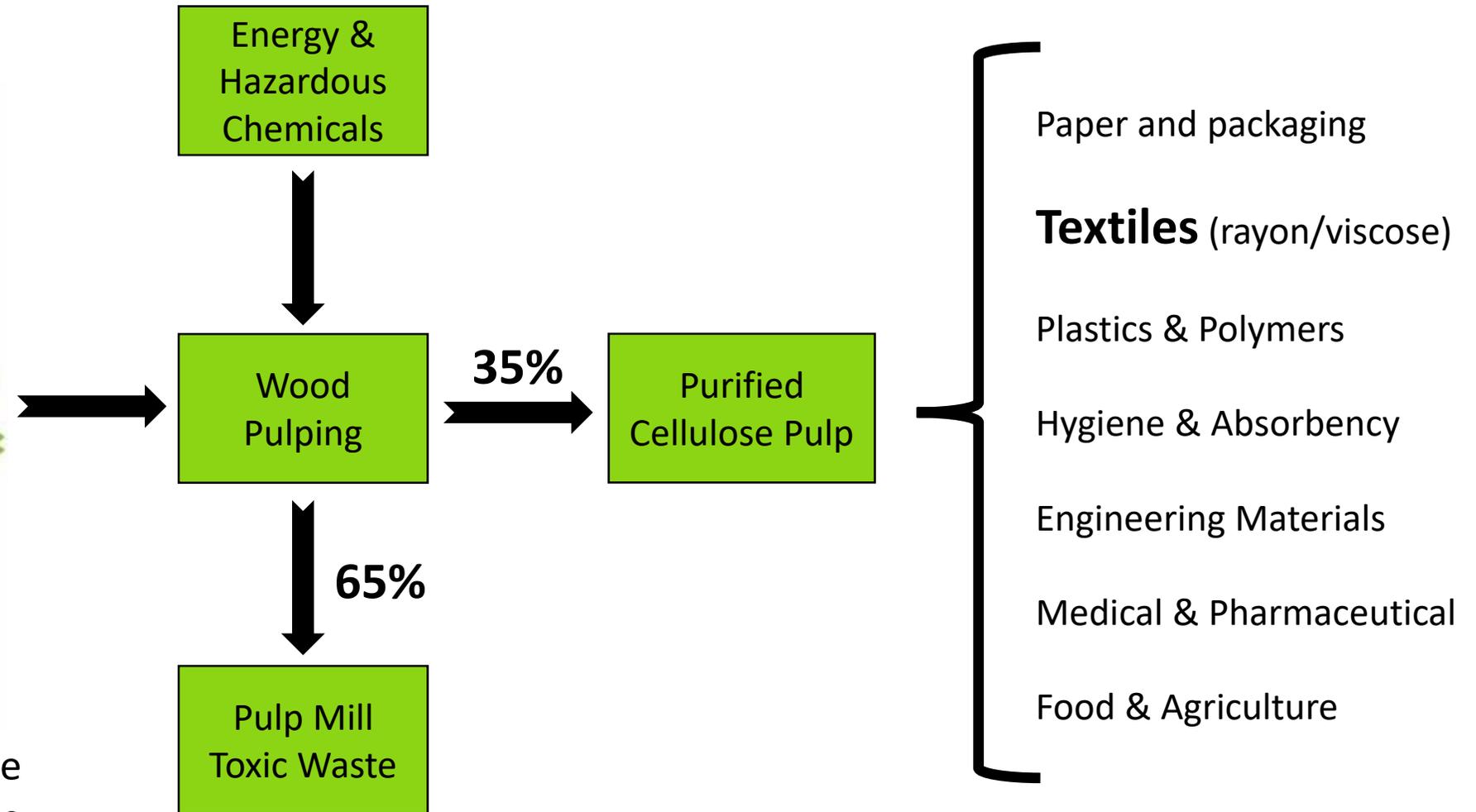
**Nanollose has the answer...**

# Cellulose

## Nature's Most Abundant and Versatile Fibre/Polymer



The vast majority of cellulose used today comes from trees.



# Strong Market Demand for Sustainable Textiles

The industry, driven by consumers, are urgently seeking **sustainable and feasible alternatives** to today's textiles.



JAN 11, 2018

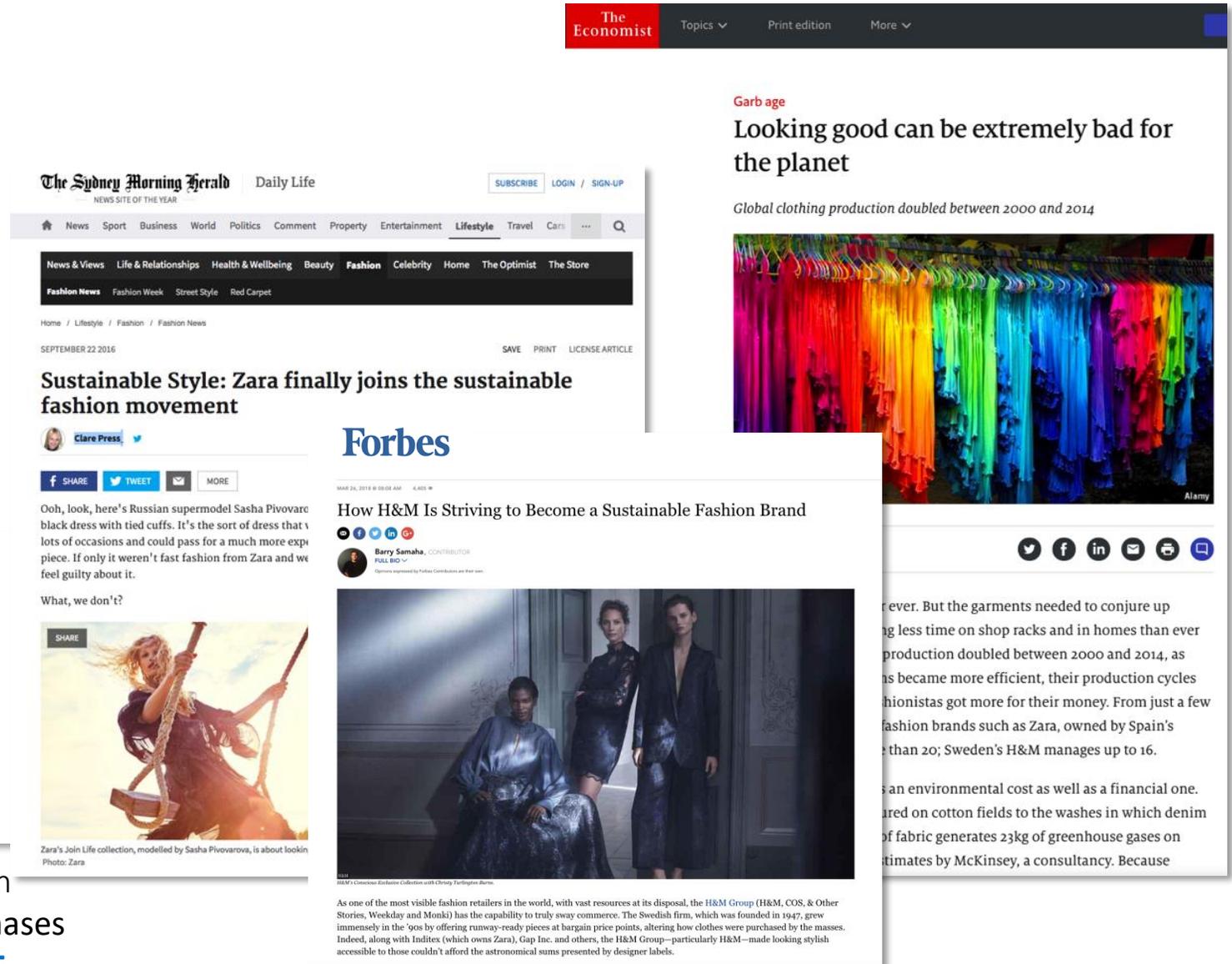
**Fashion for Good and adidas partner to accelerate and scale sustainable innovation in the apparel industry**

## THE H&M GROUP RELEASES NEW GOALS IN SUSTAINABILITY REPORT 2016

The H&M group Sustainability Report 2016 is published today, outlining several new goals including a commitment to use 100% recycled or other sustainably sourced materials by 2030 and to become climate positive throughout its entire value chain by 2040.

4 APR, 2017

Millennials are making more informed decisions on **ethical and environmental** issues when making purchases **They're on pace to hit 45% of total spend by 2025.**



**The Sydney Morning Herald** Daily Life  
NEWS SITE OF THE YEAR  
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SEPTEMBER 22 2016 SAVE PRINT LICENSE ARTICLE

### Sustainable Style: Zara finally joins the sustainable fashion movement

Clare Press

SHARE TWEET MORE

Ooh, look, here's Russian supermodel Sasha Pivovara black dress with tied cuffs. It's the sort of dress that lots of occasions and could pass for a much more expensive piece. If only it weren't fast fashion from Zara and we feel guilty about it.

What, we don't?

SHARE

Zara's Join Life collection, modelled by Sasha Pivovarovna, is about looking good. Photo: Zara

**Forbes**  
MAY 24, 2016 @ 08:08 AM 4,005 W

### How H&M Is Striving to Become a Sustainable Fashion Brand

Barry Samaha, CONTRIBUTOR  
FULL BIO

ever. But the garments needed to conjure up less time on shop racks and in homes than ever production doubled between 2000 and 2014, as they became more efficient, their production cycles shorter. Fashionistas got more for their money. From just a few fashion brands such as Zara, owned by Spain's Inditex, to more than 20; Sweden's H&M manages up to 16. It's not just an environmental cost as well as a financial one. It's also based on cotton fields to the washes in which denim production alone generates 23kg of greenhouse gases on average, estimates by McKinsey, a consultancy. Because

**The Economist** Topics Print edition More

### Garbage

## Looking good can be extremely bad for the planet

Global clothing production doubled between 2000 and 2014



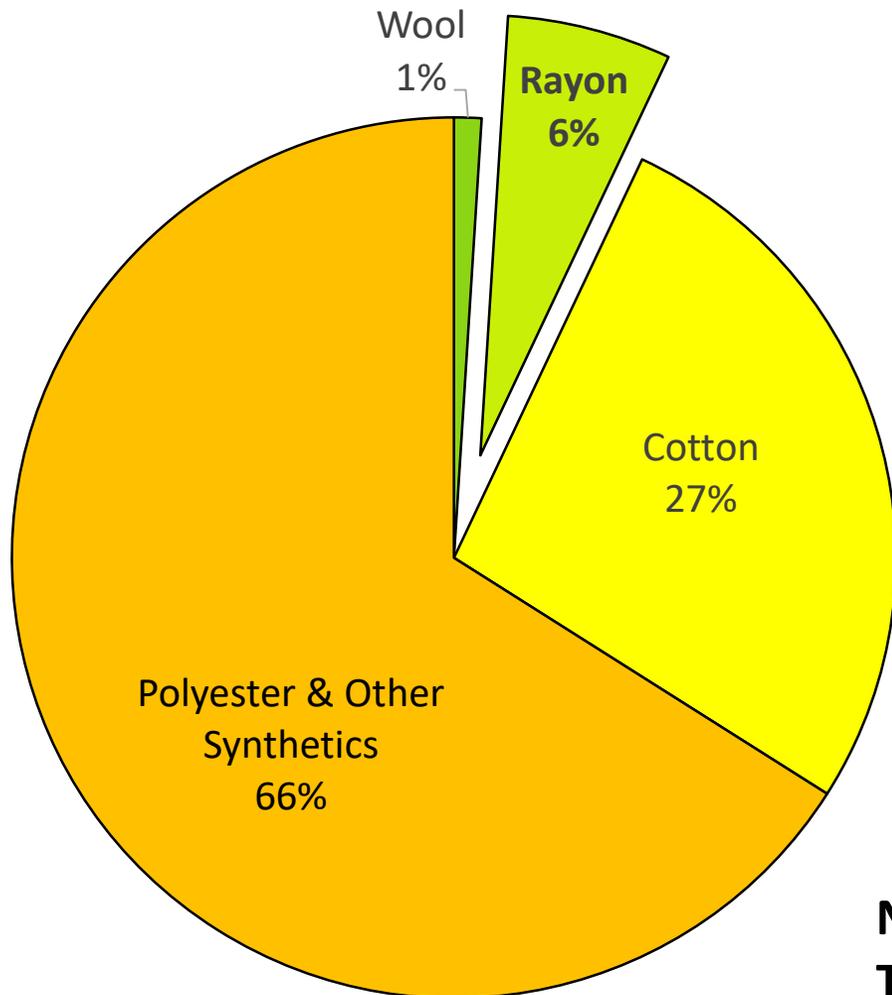
Alamy



H&M's Christmas Exclusive Collection with Cheryl Furlingham-Burns

As one of the most visible fashion retailers in the world, with vast resources at its disposal, the H&M Group (H&M, COS, & Other Stories, Weekday and Monki) has the capability to truly sway commerce. The Swedish firm, which was founded in 1947, grew immensely in the '90s by offering runway-ready pieces at bargain price points, altering how clothes were purchased by the masses. Indeed, along with Inditex (which owns Zara), Gap Inc. and others, the H&M Group—particularly H&M—made looking stylish accessible to those couldn't afford the astronomical sums presented by designer labels.

# Rayon Market - \$22 Billion and Growing

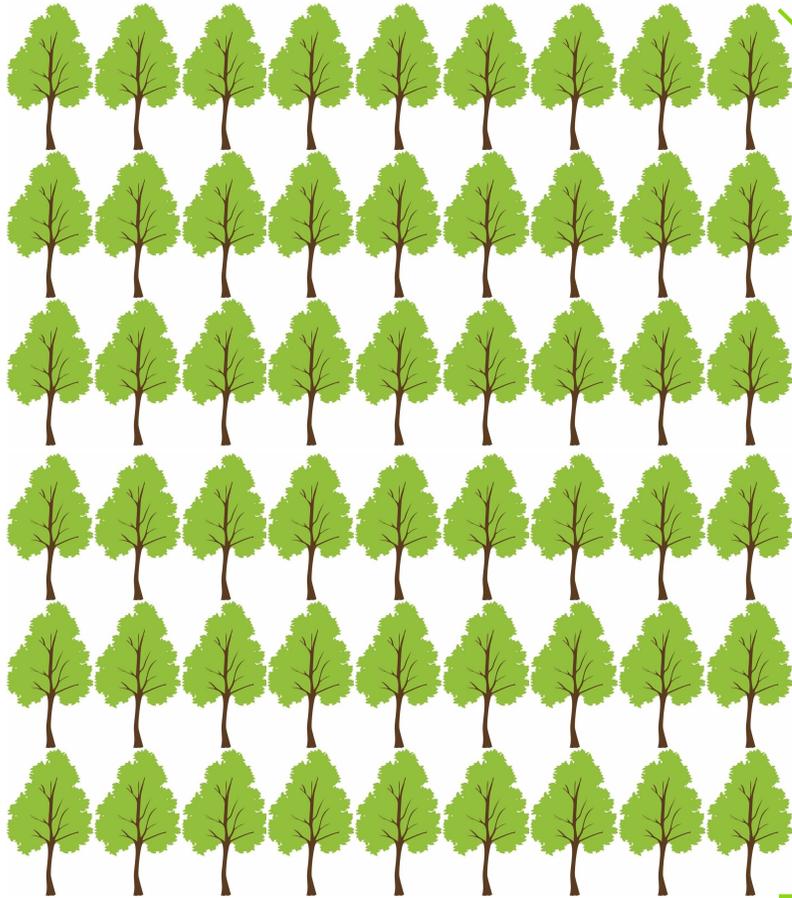


Current fibres are facing increasing commercial and environmental pressures:

- Polyester and other synthetics aren't biodegradable and microfibres are polluting the environment **X**
- Synthetics are energy intensive and oil dependent **XX**
- Cotton uses large amounts of pesticide, land & water **XXX**
- Today's rayon process results in deforestation and the wood-pulping process is energy intensive and polluting **XXX**

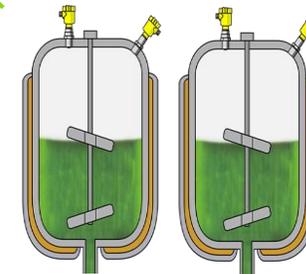
**Nanollose's 21<sup>st</sup> Century rayon (Nullarbor™) is 100% biodegradable, Tree-Free and doesn't require the wood-pulping process **✓✓✓****

# Nanollose is Developing the 21<sup>st</sup> Century's 'New Forest'



The Old Forest

1,000:1



The New Forest

Nanollose is developing a cost-effective, eco-friendly and scalable alternative to trees for the production of cellulose.

Fermentation of waste using a natural biological process produces microbial cellulose.

# 1<sup>st</sup> Generation Microbial Cellulose Dress (2006)



Unprocessed microbial  
cellulose from red wine

# 2<sup>nd</sup> Generation Microbial Cellulose Dress (2015)



Processed microbial cellulose  
from sparkling white wine

# Yes, It Works! and NO Retrofitting Required

Actual product produced in an industrial setting



1 Fermentation with *acetobacter xylinum* to produce MC



3 Raw microbial cellulose



4 Converting MC into fibres



5 Microbial cellulose fibres



6 Spinning process using standard industrial equipment



7 World first plant-free viscose rayon fibre, launched at Planet Textile Summit in Vancouver



8 Fabric created

# 3<sup>rd</sup> Generation Microbial Cellulose Garment (2018)

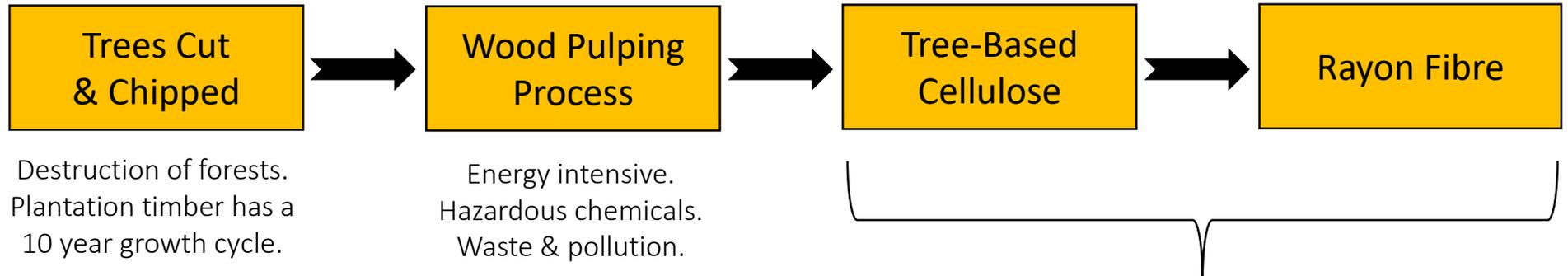


Nullarbor™ rayon from liquid coconut waste.

# Advantages of Nanollose's Tree-Free Rayon



CURRENT RAYON  
FIBRE PROCESS  
ESTABLISHED 1892



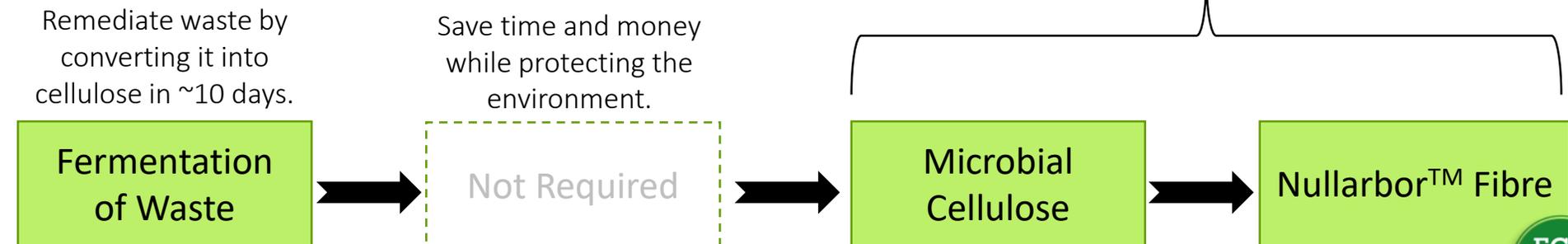
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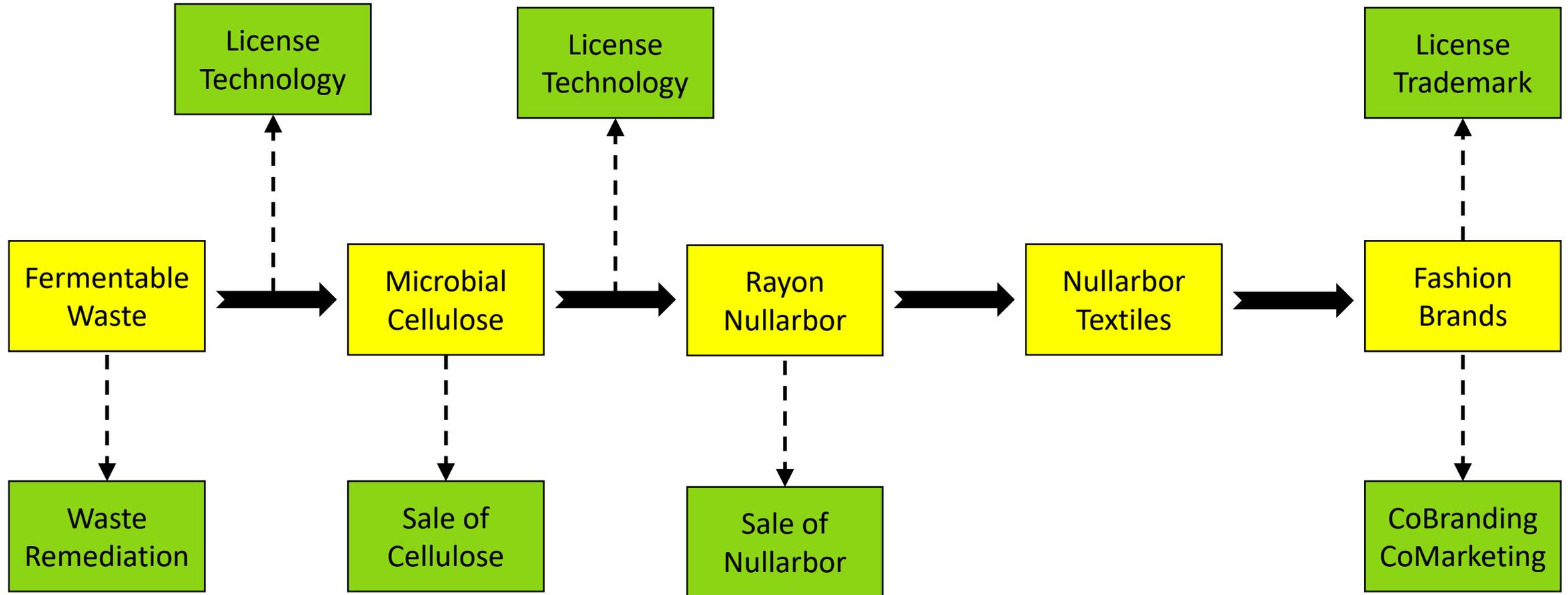
Nullarbor can be produced using existing industry infrastructure so no need to invest in new equipment.



21<sup>st</sup> CENTURY  
NULLARBOR PROCESS



# Revenue Streams



# Transitioning to the 21<sup>st</sup> Century

Current factory in Indonesia



30m x 50m factory holds 40,000 x 2L trays  
Produces 2 tons of cellulose per month



Future factory



30m x 50m factory floor holds 60 x 50kL tanks  
Estimated 45 tons of cellulose per month

# Nanollose Strategy



- **Immediate developmental supply secured:** MOU with Indonesian coconut industry partner (announced April 2018)
- Utilise supplier's existing infrastructure
- **Other sources** of liquid organic waste as feedstock (e.g. beer, molasses, etc.)

- Nanollose Technology converts waste into microbial cellulose by a natural fermentation process using bacteria
- Achieved **world first plant-free** rayon fibre (**Nullarbor**) at small pilot scale
- Refine and scale further

- **Initial focus on textile industry**
  - Limited eco-friendly options to date
  - Current textile procurement methods are environmentally challenged
- **Minimal retrofitting costs (if any)** for textile and apparel partners
- **Significant interest from major internationals**



ACETOBACTER XYLINUM



PLANT-FREE CELLULOSE



# Summary

**PROVEN TECHNOLOGY** - Nanollose has already transformed waste into **TREE-FREE** rayon (Nullarbor™)

**HIGHLY DIFFERENTIATED PRODUCT:** **Nullarbor** set to become an alternative to rayon and cotton.

**LARGE ADDRESSABLE MARKETS:** Initially targeting the \$22 billion rayon market with opportunities to take market share from cotton and synthetics.

**STRONG INTERNATIONAL DRIVERS:** Brands, retailers and manufactures are **urgently seeking sustainable alternatives** to rayon and cotton fibres, both of which have significant environmental issues.

**COMPETITIVE ADVANTAGE:** No deforestation. No wood pulping process. Uses waste as a source of rayon. **Easily retrofitted into current textile and clothing production methods**

## **EXPERIENCED EXECUTIVE TEAM:**

Dr Wayne Best has 35 years' experience in organic chemistry and the management and commercialization of R&D.

Alfie Germano has 30 years' in textile industry, VP and Director positions at GAP Inc, VF Corp, etc.

Gary Cass has 20 years' experience cultivating, processing and using microbial cellulose.