

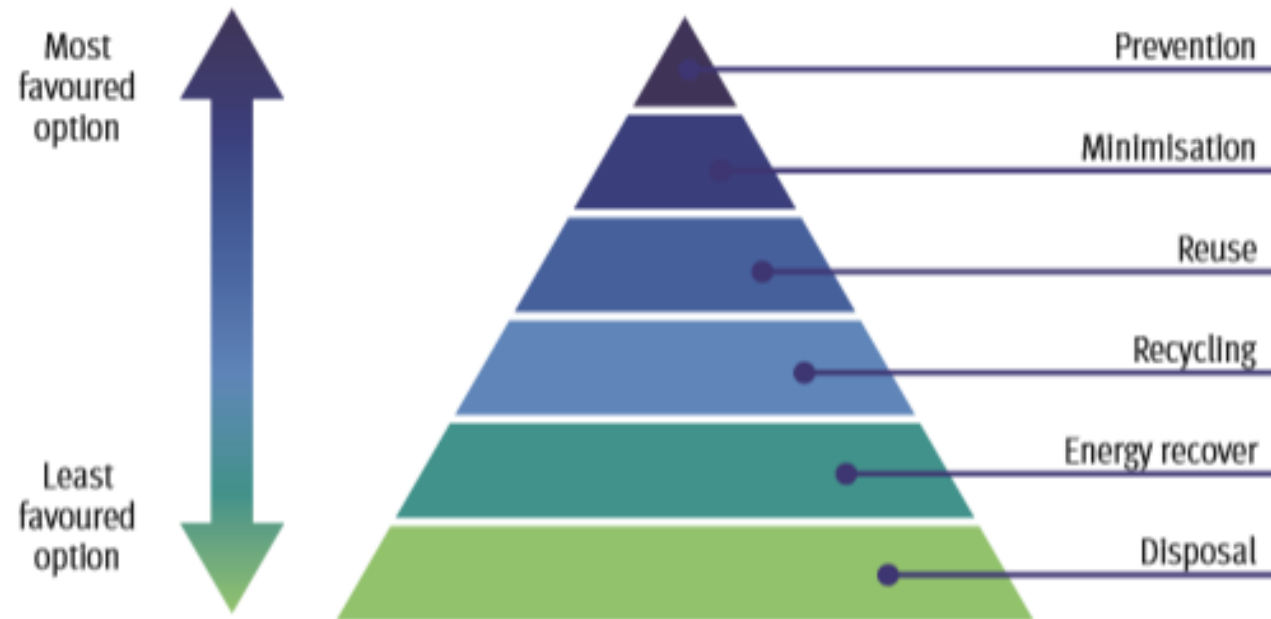
Measures for Sustainable Development in Leather Products Industries

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CLI-FI is the new buzz word

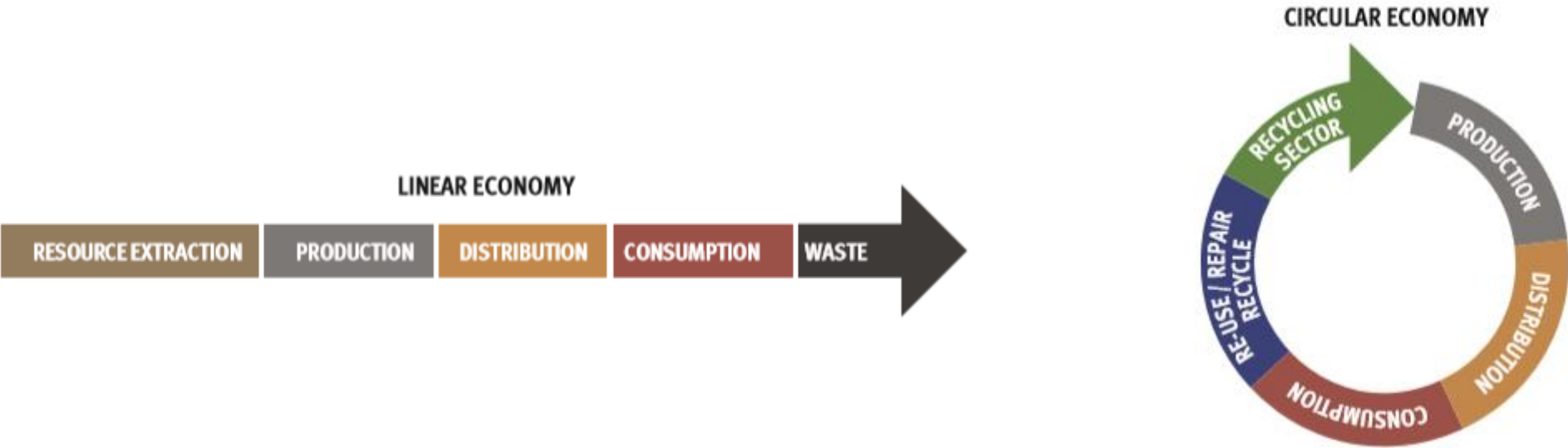
Climate anxiety is emerging, alongside a desire to actively limit, or even reverse, catastrophic damage to the planet's ecosystem.



Source: UNIDO, The Framework for Sustainable Leather Manufacture

The linear economy based on take, use, dispose is broken.

Circularity is the new reality



Source: UNIDO, The Framework for Sustainable Leather Manufacture

New business models that avoid waste generation

The birth of the ethical consumers -who are embracing sustainability through longer-lasting products.



LESS IS THE NEW MORE- Reuse Revolutionaries

Companies are selling spare parts, teaching consumers how to repair products and launching buy-back schemes to recover materials.

Recycling is no longer enough. Reuse Revolutionaries are now looking into ways to decrease their footprint with disruptive business models becoming mainstream. The reuse economy, where materials and products are reused several times, is booming

Sustainability is everybody's responsibility

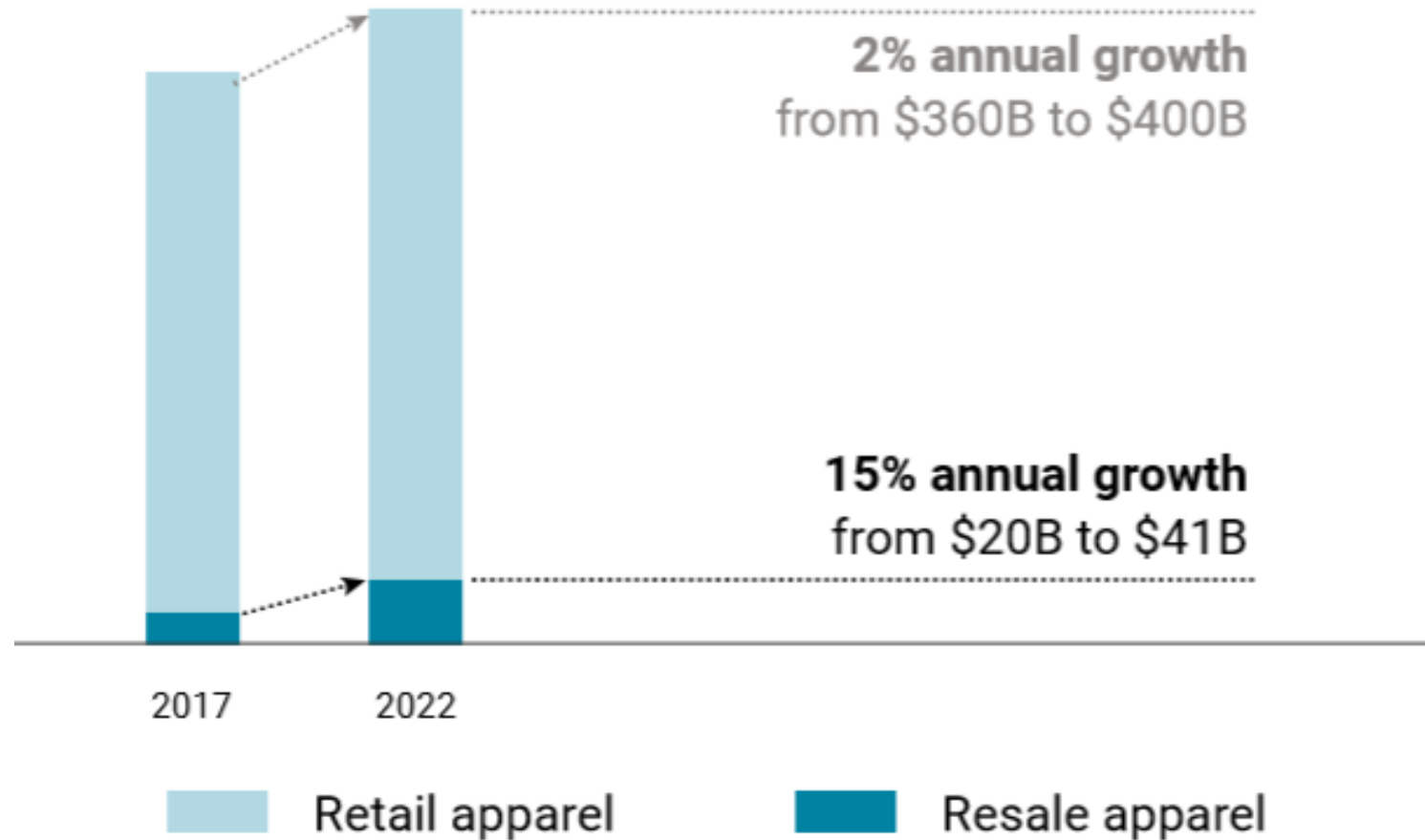
Consumers, investors and stakeholders are starting to demand accountability for environmental impact.

So what is your sustainability quotient?

Shifting business values


New	_____	Unique
Cheap	_____	Guaranteed resale value
Fast	_____	Durable
Easy	_____	Modular
Attractive	_____	Attractive and sustainable

Resale is Capturing Market Share




BE COUNTED IN: As the resale industry continues to scale, prevent yourself being disintermediated.

Also, the circular economy models will see **Secondary Waste Retail** come to the fore, with both businesses and consumers elevating unwanted resources.



NEW LINKAGES: Take control of the resale process through partnerships with marketplaces including the customer.

THE NEIGHBORHOOD TAILOR IS YOUR NEW COMPETITOR: Begin to build closed loop mechanics, growing the infrastructure that helps consumers develop the habit of bringing old clothing back to a store for reuse.



YES TO ACCESSIBILITY, NO TO OWNERSHIP: Redevelop product quality to withstand multiple owners. Build products that hold their value through the resale, readoption or donation

CUT THE FLAB: Build strategies that take control of changing attitudes to excess – find ways to make them a benefit, or work towards removing them from your business.



So, What does this mean ?

The Pressure of sustainability will be **felt on the supply chain**


Social and Technical audits would now prioritize sustainability measures and parameters among the list – Higgs Index

Export houses may have to disrupt current ways of working and introduce a sustainable model covering every aspect- **Product , People , Process and Physical environment**



Product

Raw Material - **Fashion's Biological Revolution** and other Material revolution , Advancements in Leather & leather Tanning and Leather Alternatives and other raw materials are driving sustainability . To name a few:

1. Tileather
 2. Green Leather
 3. Bio Fabricated leather
 4. Pinatex
 5. Lab-engineered pigment producing bacteria (“coelicolor”)
- 


Prepare yourself for :

1. Homogeneity of material quality and smart materials with very low emissions .
2. **Blurring of gap between Leather and other fabrics.**
3. Precision in raw material consumption leading to zero or near zero wastage.
4. Shrinking production cycle time , energy economy.



Finished Product

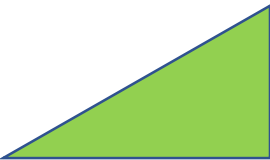
Prepare yourself for:

1. Techno Designs and Techno Leather products
 2. Highly durable products with transparency in development process
 3. Combined with less production time would mean longer lean periods
 4. Slow or zero fashion
 5. Product Customization
 6. Exclusive Recycling / Upcycling / repair factories in the buyers country
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People (Planet and Profit)

Co-create sustainable practices with employees – Share ownership

Change in mindset – A sustainability attitude. Begins with society, family and organization.



Process and Physical Environment

Category/Process stage	Cleaner methods
EMS	A licensed or own Environmental Management System, incorporating OSH and Corporate Social Responsibility (CSR) in place
Water	Strict water monitoring/control and savings measures at process, department and company level; batch washing, recycling
Energy	Usual consumption/savings measures combined with the energy from renewable sources, heat pumps, etc.

RSL	Apply the global strictest Restricted Substances and SVHC lists and avoid any limitations and risks in exports of leather and leather products
OSH	Strict segregation of acidic and sulphide containing streams, H ₂ S monitors in place, staff trained
	Noise, vibrations, malodour control; appropriate lighting and ventilation, sanitary facilities
	Occupational Safety and Health measures, general and personal (Personal Protection Equipment, PPE), including rigorously implemented and observed training

Thank you!

