



聚泰環保材料科技(股)公司

AceGreen Eco-Material Technology Co., Ltd.

永續環保

政策及目標

政策：我們發展的框架源於聯合國SDGs(Sustainable Development Goals)，除將17項發展目標深耕於企業文化中外，其中第15項“保護、維護及促進陸域生態系統的永續使用，永續的管理森林，對抗沙漠化，終止及逆轉土地劣化，並遏止生物多樣性的喪失“，更是我們在商品研發/原料採購/製程優化中孜孜努力的重點

我們可持續發展的成果及目標

已執行目標

1. 通過FSC™驗證 (BV-COC-136617)
2. 通過OEKO-TEX認證
3. 通過LCA產品生命週期碳足跡檢驗
4. 回收棉導入實驗
5. 執行性平方案
6. 廠區太陽能發電建設
7. 設備節能變頻修改
8. 捐贈社區防火警報裝置，協助舉辦消防會議
9. 捐贈口罩與慈善團體

評估主要供應商
產地風險

纖維素材
料開發

原料產地
符合頻危
森林限制

製程節能優化，
目標蒸氣耗用降
低20%

評估主要供應商
可持續性發展

回收性原
料佔100%

確保永續消費及
生產模式

參與森林
保護活動

回收性原
料佔整體
50%以上

回收性原
料佔整體
70%以上

廢水減排，目標
降低20%

溶劑回收
率99%以上

2020

2023

2025

2030

採購

- 採購政策：我們希望所採購的任何原料均不影響地球森林可持續發展為前提，因此在供應商評鑑中，會將供應商木材來源列為評分重點，依據包括但不限於Canopy ForestMapper，加入FSC™認證，持續提升回收原料添加比例，我們的政策符合聯合國可持續發展目標
- 我們負責任採購的範圍包含：供應商的安全和環境、法律合規、道德、人權和公平工資有關的風險管理，我們希望供應商夥伴一齊朝可持續發展的目標前進。
- 我們致力於由可持續來源採購紙漿，以及添加回收原料，因此在紙漿原料採購規定以下供應商禁止採購
 - 非法採伐的木材
 - 來自未經認證的高保護價值森林的木材
 - 在古老和瀕危森林或瀕危物種棲息地採伐的木材
 - 傳統和公民權利而採伐的木材

採購

- 供應商行為準則：我們的供應商行為準則旨在整個價值鏈中的可持續實踐產生積極影響，供應商都應充分理解本供應商行為準則的要求。
- 人權
- EHS 環境、健康和安全
- 法律法規
- 商業倫理

紙漿採購 FSCTM證書、回收棉

我們製造使用的紙漿是來自良好經營的森林、回收材料和其他受管控的來源，並獲得了 FSCTM的認證。

我們致力於森林管理的領先組織的採伐木材認證外，我們還會檢查採購的木材來源，除了確保來自非瀕危森林或受保護森林，也持續增加回收材質原料的添加。

用以上措施確保我們的可持續發展實踐從採購的第一階段就開始。

製造生產

- 我們擁有世界領先的溶劑法長纖纖維的量產方式，並將此領先技術培養出優秀的生產團隊，並依此持續優化不斷精進，提升產品品質及良率，並不斷追求溶劑回收率的提升，以最環保的生產方式提供優質的環保材質。



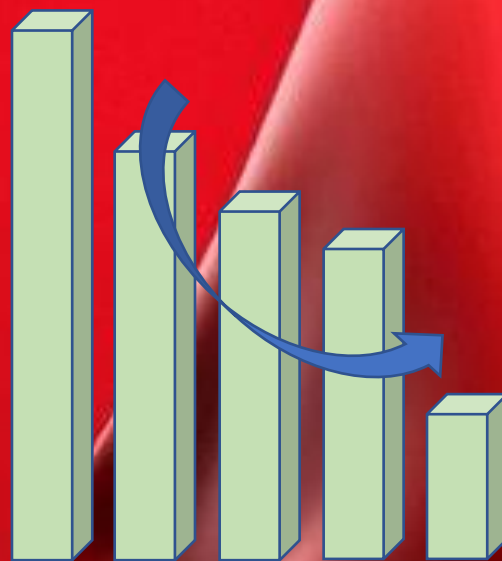
製造生產：

我們優秀的生產團隊在不斷優化下提高製程環保程度

- 溶劑回收率：溶劑法最重要的是溶劑的處理，經過我們的回收再生製程，達成溶劑重複使用之環保性結果



- 減廢生產：優化製程，廢水處理需求降低



持續精進項目
節能生產：降低製程中蒸氣耗用，降低製程用水耗量

回收棉導入量試，以及提高回收棉比例測試

產品

GreenCell的特性：

- 具有合成纖維的**高強度與抗皺性**，同時有具有纖維素纖維的**高吸濕性**以及親和性，並有**蠶絲般的光澤**。
- 平滑的布料表面反射率高，吸收輻射熱能較少，適合用於外表面光滑的夏季服裝布料，具有較佳的**涼爽舒適性**。
- 原料選用：
 - 妥善管理之農作林和其他受控來源
 - 具有FSC™認證的纖維素原料
 - 不會造成環境衝擊
- 產品製造：
 - 纖維素直接溶解於無毒的溶劑中紡絲
 - 以水萃取溶劑回收再利用
 - 減少化學藥品對環境的衝擊
- 使用方面：
 - 透氣性以及透汗性好，能快速吸收在人體皮膚上的汗水，讓體溫恢復到正常的狀態
 - pH值對皮膚沒有刺激，親和肌膚能力強，符合人體健康的需求
 - 抗靜電，不帶自由電荷，減少衣物對人體的刺激性
- 用後棄置：
 - 自然環保
 - 生物可分解材質



合作夥伴-共創可持續發展的未來

- 我們認為：只有價值鏈上的所有夥伴共營，共贏，而不僅僅是基於交易或基於合同的關係，才是我們企業長期發展的戰略目標
- 價值鏈的夥伴包含供應商、員工、通路、消費者、社區、投資者，通過了解彼此的期望以及義務，我們能夠建立一個有意義的、長期互利的伙伴關係。
- 因此與價值鏈的夥伴互動是合作關係的關鍵方面之一。在充分建立信任、溝通、透明和定期參與的關係後，構成了我們價值鏈體系的基礎。
- 可持續發展的目標，不僅僅是我們的挑戰，而是對於整個價值鏈上的各個階段夥伴都是大挑戰，因此，我們樂於跟所有夥伴分享並開發解決方案，尤其是在對於保護自然資源、節能減碳、環境保護、促進工作環境等，在達成以上原則下同時共創利潤。

社會責任

- 維持工廠及周遭社區的安全與健康是我們不變的第一優先考量事項
- 保障人權、工作權、性別平等權益、防止職場霸凌、勿因種族/宗教/國籍/政黨/身心障礙等出現歧視
- 為當地社區創造更多的就業機會，提供可持續性的生計，以改善及提高當地的生活水平。
- 捐助地區文化活動(如二水鄉跑水節等)，捐助各慈善團體，協助地區消防體系(社區家庭警報系統等)。
- 建立工會，保持公司與員工間良好暢通之溝通。
- 符合政府各項勞工政策。

聚泰環保材料科技股份有限公司

人權政策

聚泰公司人權政策 為善盡企業社會責任，保障全體同仁、客戶及利害關係人之基本人權，聚泰公司 遵循《聯合國世界人權宣言》、《聯合國企業與人權指導原則》、《聯合國全球盟約》與《聯合國國際勞工組織》等國際人權公約所揭櫫之原則，尊重國際公認之 基本人權，包括結社自由、關懷弱勢族群、禁用童工、消除各種形式之強迫勞動、消除僱傭與就業歧視等，並遵守公司所在地之勞動法規。相關人權闡述如下：

1. 多元包容性與平等機會：不因個人性別、種族、社經地位、年齡、婚姻、家庭狀況、語言、宗教、黨派、國籍、容貌、五官、身心障礙等，有任何差別待遇之語言、態度及行為。確保僱用政策無差別待遇，落實僱用、薪酬福利、訓練、考評與升遷機會之 公平及公允，且提供有效、適當之申訴機制，避免並回應危害員工權益之情事，致力營造平等任用、免於歧視與騷擾之工作環境。定期追蹤多元包容性及平等機會落實情形。
2. 合理工時：為確保員工不陷於工時過長之風險中，聚泰公司明訂工作時間與延長工時之規範，並定期關心及管理員工出勤狀況。
3. 健康安全職場：聚泰公司重視職業災害的預防，並避免工作帶來潛在健康安全風險，我們定期辦理員工健康檢查，並依檢查結果進行改善。
4. 結社自由：聚泰公司尊重員工結社自由，尊重多元社團，鼓勵同仁加入社團。
5. 勞資協商：建立公司與工會暢通之溝通管道，定期召開勞資會議確保雙方權益。
6. 隱私保護：為充分保障客戶及所有利害關係人之隱私權，聚泰公司建置完善之資訊安全管理機制並遵循嚴格的管控規範與防護措施。聚泰公司邀請所有合作企業夥伴，包含供應商、客戶等，一同提升對人權議題的關注與管理。

董事長：周文東

中華民國一〇八年六月二十二日



聚泰公司所採購的木漿均取得FSC™認證，資料如下表

認證系統	採購商
Forest Stewardship Council™ (FSC，森林管理委員會)	Domsjö Fabriker AB (DNV-COC-001061) Sappi Verve Advantage (SGSCH-COC-003171)

支持森林保護與Canopy政策聲明

聚泰致力於保護世界上的古老和瀕危森林。我們與 Canopy 和其支持 Canopy 品牌合作夥伴合作，以減少我們對森林的影響並消除來自古代和瀕危森林以及其他有爭議的來源的纖維。我們與 Canopy 合作，支持大規模保護古代和瀕危森林，並制定強有力的計劃以確保物種、生態系統、氣候和社區得到保護。作為該倡議信譽良好的成員，我們與 Canopy 制定了採購政策

（<http://www.acegreen.com.tw/upload/files/20201030.pdf>），進行了 CanopyStyle

（http://www.acegreen.com.tw/news/news_page_detail-365）審核並透明地發布了我們的供應商名單。我們的目標是不斷減少我們對全球森林的影響。我們還致力於使用再生棉製成的下一代極致環保纖維取代我們產品中的森林纖維。



聚泰環保材料科技(股)公司
AceGreen Eco-Material Technology Co., Ltd.

Sustainability

Policy and Goal

- **Policy:** Our development framework originated from the United Nations SDGs (Sustainable Development Goals). In addition to cultivating 17 development goals in the corporate culture, the 15th item "protects, maintains, and promotes the sustainable use of terrestrial ecosystems" Managing forests, combating desertification, ending and reversing land degradation, and curbing the loss of biodiversity" is the focus of our diligent efforts in product development/raw material procurement/process optimization

Our sustainable development achievements and goals

Goal executed

1. Pass FSC™ certification(BV-COC-136617)
2. Pass OEKO-TEX certification
3. Passed LCA product life cycle carbon footprint inspection
4. Recycled cotton introduction experiment
5. Executive peace plan
6. Solar power generation construction in the factory
7. Equipment energy-saving frequency conversion modification
8. Donate community fire alarm devices to assist in holding firefighting meetings
9. Donate masks and charity groups

Assess the risk of major suppliers' origin

Cellulose Develop

The origin of the raw material complies with the limit of the risky forest

Cost down consumption of electric and steam

Assess the sustainability of major suppliers

Ensure sustainable consumption and production models

Recyclable raw materials account for 100%

Participate in forest protection activities

Recyclable raw materials account for more than 50% of the total

Recyclable raw materials account for more than 70% of the total

Solvent recovery rate is over 99%

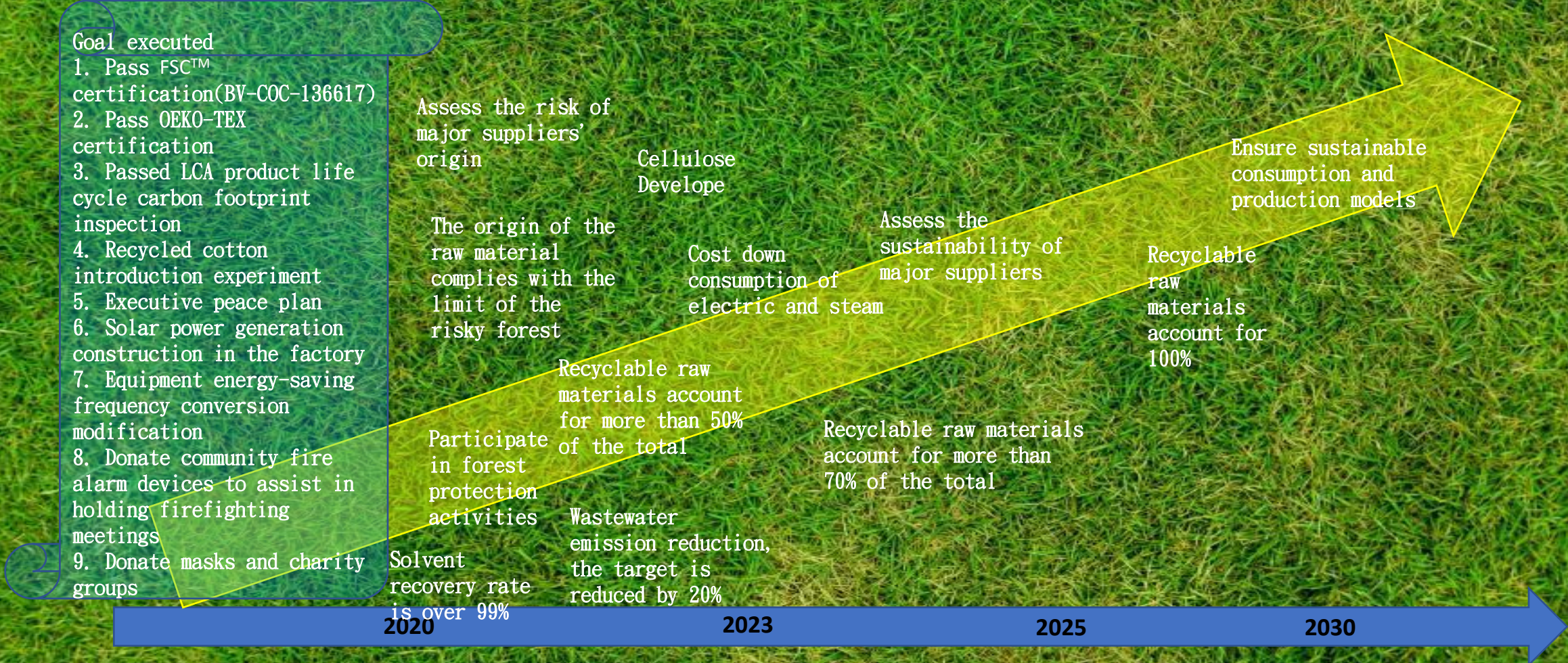
Wastewater emission reduction, the target is reduced by 20%

2020

2023

2025

2030



Purchasing

- Purchasing policy: We hope that any raw materials we purchase will not affect the sustainable development of the earth's forests. Therefore, in the supplier evaluation, the supplier's wood source will be listed as the focus of the score, based on including but not limited to Canopy Forest Mapper, joining FSC™ Certification, continue to increase the proportion of recycled raw materials added, our policy is in line with the United Nations Sustainable Development Goals
- **The scope of our responsible procurement includes: supplier safety and environment, legal compliance, ethics, human rights and fair wages related risk management. We hope that our supplier partners will move towards the goal of sustainable development together.**
- **We are committed to procuring pulp from sustainable sources and adding recycled raw materials. Therefore, suppliers are prohibited from purchasing under the pulp raw material procurement regulations**
 - **Illegally harvested timber**
 - **Wood from high conservation value forests**
 - **Timber harvested in ancient and endangered forests or habitats of endangered species**
 - **Timber harvested in violation of traditional and human rights**

Purchasing

Supplier Code of Conduct: Our Supplier Code of Conduct aims to have a positive impact on sustainable practices throughout the value chain. Suppliers should fully understand the requirements of this Supplier Code of Conduct.

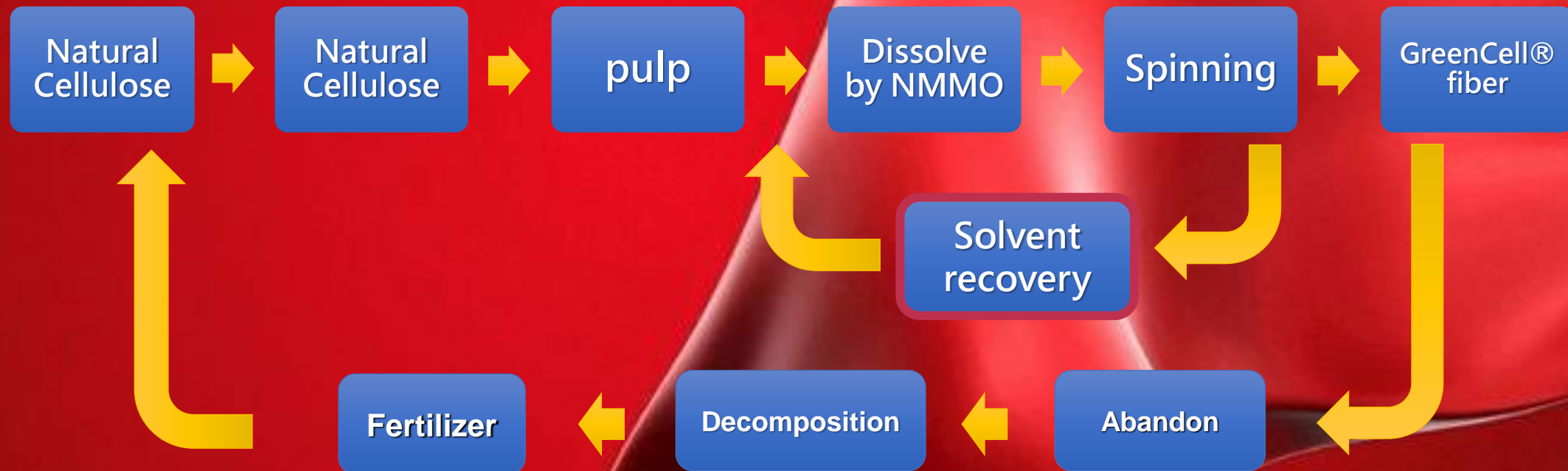
- Human rights
- EHS environment, health and safety
- Laws and regulations
- Business ethics

Pulp procurement FSCTM certificate, recycled cotton

The pulp used in the manufacture of ACEGREEN comes from well-managed forests, recycled materials and other controlled sources, and has obtained FSCTM certification. In addition to the logging wood certification of the leading organization dedicated to forest management, we will also check the source of the purchased wood. In addition to ensuring that it comes from non-endangered or protected forests, we also continue to increase the addition of recycled materials. Use the above measures to ensure that our sustainable development practices start from the first stage of procurement.

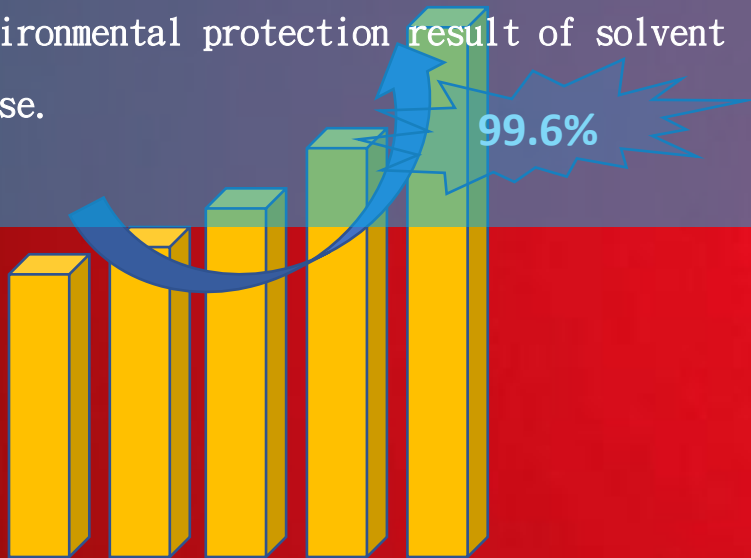
Process

We have the world's leading solvent-based long-fiber fiber mass production method, and cultivated an excellent production team based on this leading technology, and continue to optimize and improve continuously, improve product quality and yield, and continue to pursue the improvement of solvent recovery rate. , Provide high-quality environmentally friendly materials with the most environmentally friendly production methods.

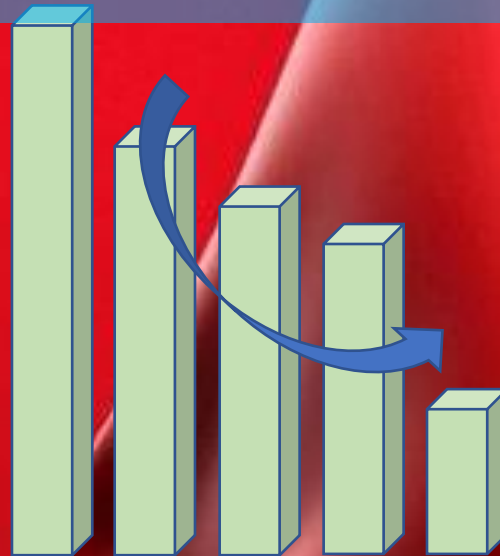


Process: Our excellent production team improves the environmental protection of the process under continuous optimization

Solvent recovery rate: The most important thing in the solvent method is the treatment of solvents. Through our recycling and regeneration process, we can achieve the environmental protection result of solvent reuse.



Waste-reducing production: optimizing the manufacturing process, reducing the demand for wastewater treatment



- Continuous improvement project
- Energy-saving production: reduce steam consumption in the process and reduce water consumption in the process
- Tests for the introduction of recycled cotton, and tests for increasing the proportion of recycled cotton

Production

Features of GreenCell :

- It has the high strength and wrinkle resistance of synthetic fibers, and at the same time has the high moisture absorption and affinity of cellulose fibers, and has silk-like luster ◦
- The smooth fabric surface has high reflectivity and absorbs less radiant heat energy. It is suitable for summer clothing fabrics with a smooth outer surface and has better cooling and comfort. ◦

Raw material selection :

- Properly managed farming forests and other controlled sources
- Cellulose raw material with FSC™ certification
- not cause environmental impact

Manufacturing :

- The cellulose is directly dissolved in a non-toxic solvent for spinning
- Recycling and reuse of solvent extracted with water
- Reduce the impact of chemicals on the environment

Performance :

- Good air permeability and perspiration, can quickly absorb sweat on human skin, and restore body temperature to a normal state
- The pH value is not irritating to the skin, and has a strong affinity for the skin, which meets the needs of human health
- Antistatic, no free charge, reduce the irritation of clothes to the human body

Biodegradable :

- Naturally
- Product is compostable



Partners—create a sustainable future together

- We believe that: Only all partners in the value chain work together for a win-win situation, not just based on transactions or contract-based relationships, is the strategic goal of our company's long-term development
- Partners in the value chain include suppliers, employees, channels, consumers, communities, and investors. By understanding each other's expectations and obligations, we can establish a meaningful, long-term and mutually beneficial partnership.
- Therefore, interaction with partners in the value chain is one of the key aspects of the partnership. After fully establishing the relationship of trust, communication, transparency and regular participation, it forms the foundation of our value chain system.
- The goal of sustainable development is not only a challenge for us, but a great challenge for partners at all stages of the entire value chain. Therefore, we are willing to share and develop solutions with all partners, especially for the protection of natural resources, Energy saving and carbon reduction, environmental protection, promotion of working environment, etc., while achieving the above principles, create profits at the same time.

Social Responsibility

- **Maintaining the safety and health of the factory and the surrounding communities is our constant first priority**
- **Protect human rights, work rights, gender equality rights, prevent workplace bullying, and avoid discrimination based on race/religion/nationality/political party/disability, etc.**
- **Create more employment opportunities for local communities and provide sustainable livelihoods to improve and enhance local living standards.**
- **Donate to regional cultural activities (such as Ershui Township Water Running Festival, etc.), donate to various charitable organizations, and assist the local fire protection system (community family alarm system, etc.).**
- **Establish a labor union to maintain good and smooth communication between the company and employees.**
- **Comply with the government's various labor policies.**

聚泰環保材料科技股份有限公司

人權政策

聚泰公司人權政策 為善盡企業社會責任，保障全體同仁、客戶及利害關係人之基本人權，聚泰公司 遵循《聯合國世界人權宣言》、《聯合國企業與人權指導原則》、《聯合國全球盟約》與《聯合國國際勞工組織》等國際人權公約所揭櫫之原則，尊重國際公認之 基本人權，包括結社自由、關懷弱勢族群、禁用童工、消除各種形式之強迫勞動、消除僱傭與就業歧視等，並遵守公司所在地之勞動法規。相關人權闡述如下：

1. 多元包容性與平等機會：不因個人性別、種族、社經地位、年齡、婚姻、家庭狀況、語言、宗教、黨派、國籍、容貌、五官、身心障礙等，有任何差別待遇之語言、態度及行為。確保僱用政策無差別待遇，落實僱用、薪酬福利、訓練、考評與升遷機會之 公平及公允，且提供有效、適當之申訴機制，避免並回應危害員工權益之情事，致力營造平等任用、免於歧視與騷擾之工作環境。定期追蹤多元包容性及平等機會落實情形。
2. 合理工時：為確保員工不陷於工時過長之風險中，聚泰公司明訂工作時間與延長工時之規範，並定期關心及管理員工出勤狀況。
3. 健康安全職場：聚泰公司重視職業災害的預防，並避免工作帶來潛在健康安全風險，我們定期辦理員工健康檢查，並依檢查結果進行改善。
4. 結社自由：聚泰公司尊重員工結社自由，尊重多元社團，鼓勵同仁加入社團。
5. 勞資協商：建立公司與工會暢通之溝通管道，定期召開勞資會議確保雙方權益。
6. 隱私保護：為充分保障客戶及所有利害關係人之隱私權，聚泰公司建置完善之資訊安全管理機制並遵循嚴格的管控規範與防護措施。聚泰公司邀請所有合作企業夥伴，包含供應商、客戶等，一同提升對人權議題的關注與管理。

董事長：周文東

中 華 民 國 一 〇 八 年 六 月 一 十 二 日

All the Pulp of Acegreen are certified for FSC™ as below.

Certification System	Facility Name
Forest Stewardship Council™	Domsjö Fabriker AB (DNV-COC-001061) Sappi Verve Advantage (SGSCH-COC-003171)

Statement of support for Conservation and Canopy

Acegreen is committed to conserving the world's Ancient and Endangered Forests. We work collaboratively with Canopy and the brand partners of the CanopyStyle Initiative to reduce our impact on forests and to eliminate fibre from Ancient and Endangered Forests and other controversial sources. In cooperation with Canopy, we support the large-scale conservation of Ancient and Endangered Forests, and robust plans to ensure that species, ecosystems, the climate and communities are safeguarded. As members in good standing of the Initiative, we have developed a procurement policy with Canopy (<http://www.acegreen.com.tw/upload/files/20201030.pdf>), have conducted our CanopyStyle (http://www.acegreen.com.tw/news/news_page_detail-365) audit and transparently publish our list of suppliers. Our goal is to continuously reduce our impact on forests globally. We are also working to displace forest fibres in our products with low impact next generation fibres made from recycled cotton.