

**YUTOECO**  
PET division

# Plant Fiber Cat Litter

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**VISION**  
**MISSION**  
**VALUES**

**/ Green Life for Everyone**

**/ To be a leader in ECO  
pet supplier**

**/ Reliability  
Sustainability  
Innovation  
Collaboration**



# Part 1

## Plant Fiber Cat Litter

# Eco-Friendly Innovation

## Plant Fiber Cat Litter



GRS Recyclable Certification  
for Cat Litter



"ITS Anxin" natural  
plant cat litter  
certification

### Innovative raw materials



Bamboo fiber



Bagasse fiber



# With 8 International Certifications



GRS Recyclable certification for Cat Litter



“ITS Anxin” natural plant cat litter certification



USDA Certified 97% Biobased Product certification



North America BPI Compostable certification



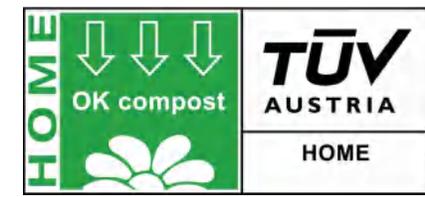
EU Industrial Compostable certification



EU Home Compostable certification



EU OK Biobased 4-Star certification (Highest Level)

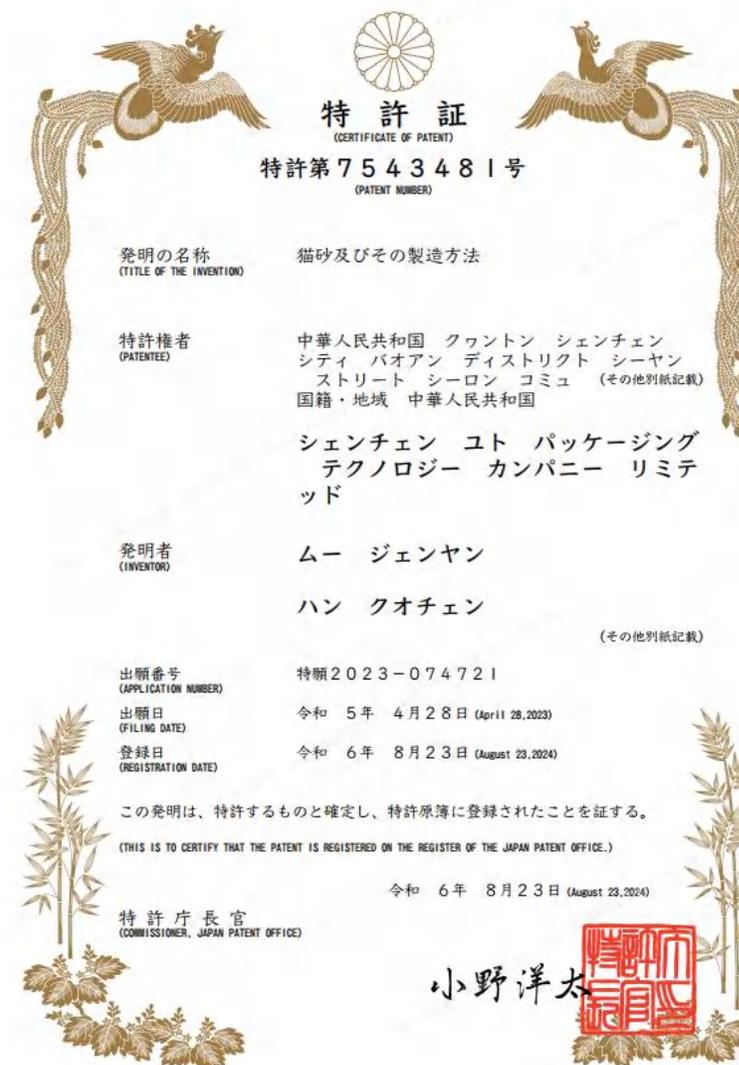


EU OK Compost Home certification

# Multi-national Patent Layout

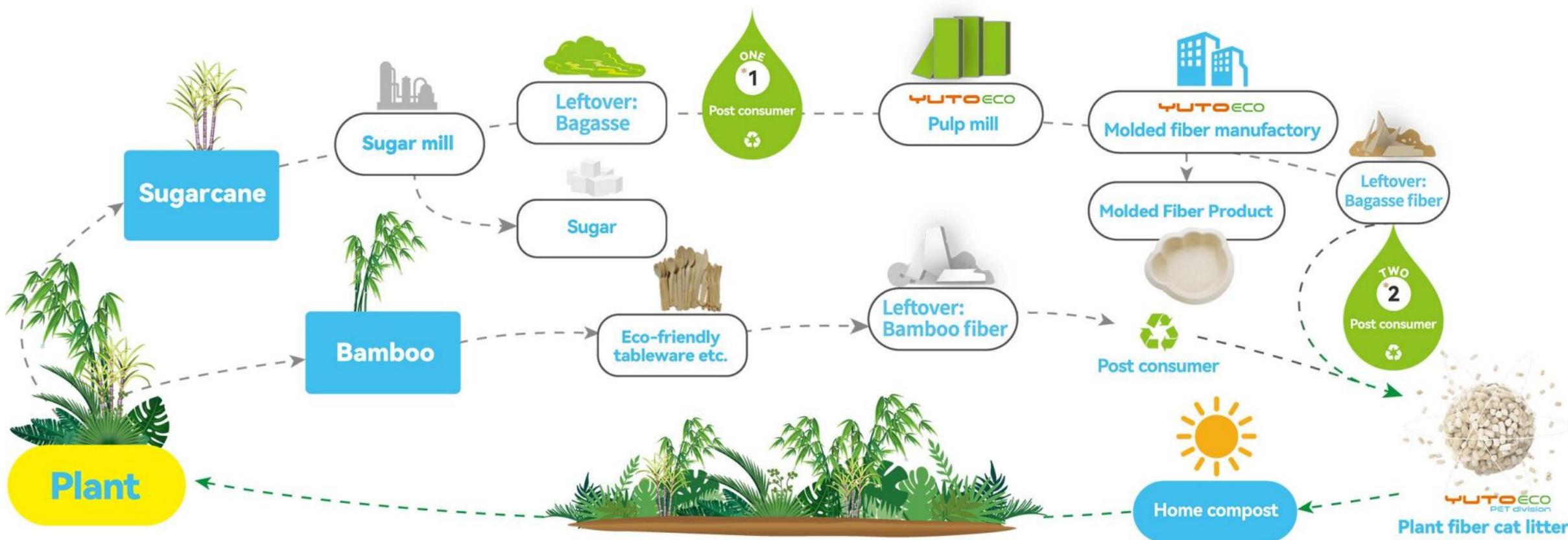
## Global Cat Litter Formula Patent, Innovative Production Process Patent

- **EU Patent** – 23215998.8
- EU Patent application – 23179693.9
- Chinese Patent application – 202210222748.0
- Chinese Patent application – 202311359389.4
- **Japanese Patent** – 2023-074721
- Japanese Patent application – 2023-212011
- U.S. Patent application – 18/096,543
- U.S. Patent application – 18/389,742



# Sustainable Resource Utilization

By YUTOECO own manufactory to realize 2 times post consumer of plant fiber and to reach **a lower carbon footprint** \*by YUTOECO interpretive autonomy



By YUTOECO own manufactory to realize 2 times post consumer of bagasse fiber and to reach a lower carbon footprint \*by YUTOECO interpretive autonomy

# Revolutionary **Raw Material**, Sustainable & Recyclable



**Bamboo**



**Bagasse**



**Plant Fiber Cat Litter**



Cassava cat Litter



Tofu cat litter



Bentonite cat litter



Silica gel cat litter



Pine cat litter



Wooden cat litter



- Made from recycled tableware fibers, **formaldehyde-free**.
- Achieving secondary use of plant fibers with a **lower carbon footprint**.

- **Grain-free** - no food crop competition
- **Mineral-free** - protecting the environment
- **Wood-free** - preserving forest resources.



# Lightweight & Durable

Same weight  
Double volume  
Longer usage  
duration

Same volume  
Lighter weight  
Easy to carry

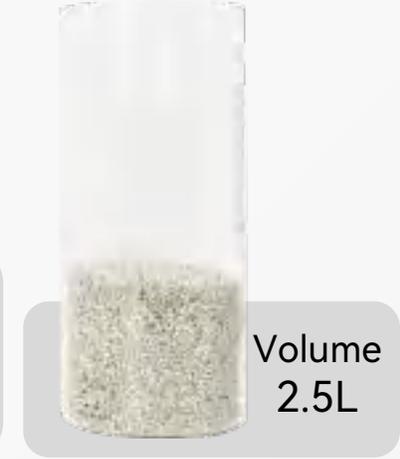
Plant Fiber  
Cat Litter  
2.5KG



Tofu + Bentonite  
mixed cat litter  
2.5KG



Bentonite  
cat litter  
2.5KG



10L=3.5KG

Plant Fiber  
Cat Litter

VS

Bentonite Cat  
Litter



10L=10KG

# Triple Deodorization

Deodorization rate up to:

# 99.70%

Trap and lock in odors

Release a fresh scent when wet

Absorb and neutralize odors

Test Report:  
2025030703



Deodorizing Effect  
(Ammonia)  
99.7%

Still clean and odor-free  
after 15 days of use.



# Safe Formula

0 0 0

Formaldehyde Aflatoxin Bio-toxicity



Plant fiber cat litter:  
5-7 days (no change)



Certain tofu cat litter:  
5-7 days (moldy condition)

**Patented Mold-proof and Antibacterial Formula**



## 检测结果/Test Results:

检测项目 Test Items	单位 Unit	结果 001 Results001
霉菌总数*Total molds Count*	CFU/g	<10
沙门氏菌* Salmonella*	/25g	未检出 Absence
黄曲霉毒素 B1*Aflatoxin B1*	µg/kg	未检出 Absence

霉菌总数*Total molds Count*	<10
沙门氏菌* Salmonella*	未检出 Absence
黄曲霉毒素 B1*Aflatoxin B1*	未检出 Absence

备注/Note:  
最低检出浓度: 黄曲霉毒素 B1 为 2.0 µg/kg. /Minimum detectable concentration: Aflatoxin B1 is 2.0 µg/kg.

## 2. 检测方法和检测仪器/Test Method and Apparatus:

检测项目 Test Items	检测方法 Test method
结团性* Agglomeration Property*	T/CIAQ 11-2020 6.2

上海市杨浦区国伟路 139 弄杨浦都市工业园区内 9 号楼、10 号楼、18 号楼  
Building 9, Building 10, Building 18, Yangpu Urban Industrial Park, Lane 139, Guowei Road, Yangpu District, Shanghai (200438)  
400-700-8005 www.weipugroup.com

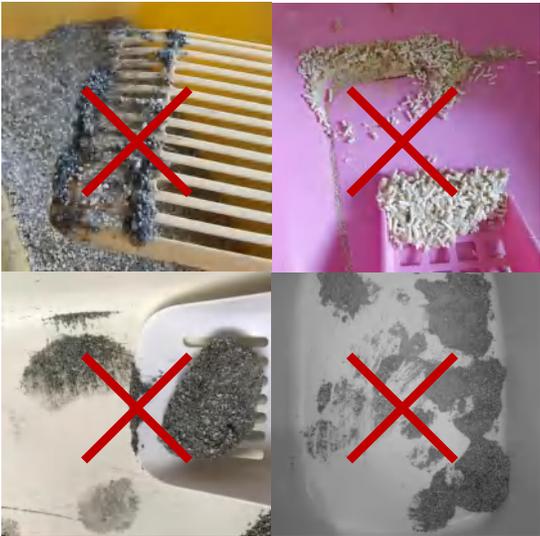
**Safe even if Ingested**  
Ensuring Peace of Mind for Both Pets and Owners

# Quick Clumping

Clumps in **Seconds**

6G Speed in the Cat Litter World

**Core Lock Moisture Technology**  
Say Goodbye to Sticky Bottoms



# Flushable

Ultra-fine Fibers,  
Easily Dissolvable

Easy to Clean  
Time-Saving  
Effortless





# Part 2

## Advantages

# Eco-friendly pet product solutions

YUTOECO PET division belongs to YUTO Group (Stock Code: 002831), committing to explore an ECO lifestyle for people and pets.

We are digging into research and development on various sustainable raw materials to innovate health, safety, and eco-friendly products. We have set up our own integrated manufacturers, including sustainable raw material resources and production lines, to offer our clients superior qualified products, to achieve our long-term vision of building a Great Life for Everyone.



# YUTO External Recognition of Sustainability 2024



## CDP<sup>①</sup>

Climate Change, Water Security, and Forests Rated Management Level (**Level B**)



## CNI ESG<sup>②</sup>

**AAA**

Ranked 1st in Secondary Industry (Basic Materials)



## Wind ESG<sup>③</sup>

**AA**

Ranked 1st in Containers and Packaging Industry



## S&P Global<sup>④</sup>

Selected for inclusion in the S&P Global Sustainability Yearbook (China Edition) 2024, **as the only company from China's container and packaging industry to be featured**, based on the 2024 corporate sustainability assessment results



## China Sustainability Tribune

2024 Golden Key Outstanding SDG Contribution Solution

①CDP is a global non-profit organization that runs the world's only independent environmental disclosure system.

②CNI Index ESG rating is the official rating from the China Securities Commission. YUTO is evaluated within the secondary industry, covering all domestically listed A-share companies in the industry of basic materials.

③The Wind rating covers all A-share and Hong Kong-listed companies. AA is the highest rating in the Containers and Packaging Industry.

④S&P Global released the only regional Sustainability Yearbook, spotlighting sustainability leaders across industries based on its 2024 evaluation of more than 1,660 companies in China.

# YUTO Carbon Reduction Status (Part) 2024

YUTO invested  
**¥ 49.75 million** in  
safety production and  
environmental  
protection.



**9** manufacturing sites  
certified **zero landfill  
waste**.



YUTO plans to reach carbon  
neutrality before **2040**.

Headquarters and Shenzhen  
Longgang branch emitted  
**14,922 tons** of carbon. **This  
year's reduction goal  
achieved**.



Solar power  
generation reached  
**20.98 million kWh**



**16** solar power stations  
have been built.



YUTO and it's Public Welfare Foundation have donated **over ¥ 52 million**



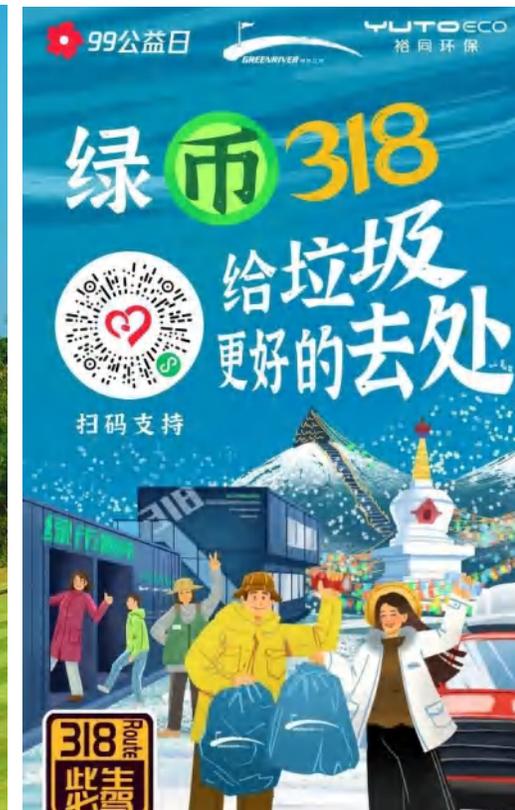
YUTOECO cooperated with Mr. Yang Xin (GREENRIVER) to protect the green earth together



YUTOECO cooperated with Unilever to protect the origin of three rivers



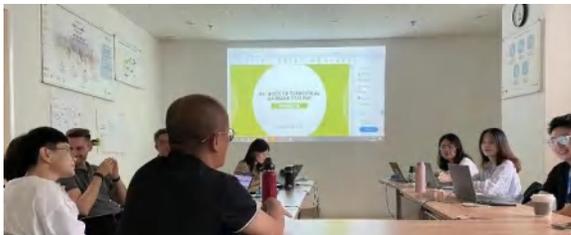
Launched "Happy Star" activity with Ele.me



Tencent 99 Giving Day "Green Coin" Campaign



YUTOECO cooperated with DIVEFORLOVE to clean ocean wastes



Carry out environmental protection activities with Decathlon



Sustainable development event in the packaging industry

# R&D Advantage



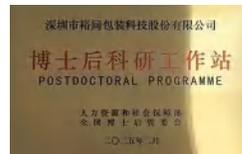
- Developing nature-inspired sustainable materials, establishing innovative R&D models, and creating eco-friendly products. We are committed to providing Fortune 500 clients with cutting-edge sustainable packaging solutions, working together to achieve their carbon neutrality goals.
- Partnering with national and provincial R&D centers and top universities to foster industry-academia collaboration and shared success.



CNAS National Accreditation Laboratory



ISTA Laboratory



National Postdoctoral Research Station



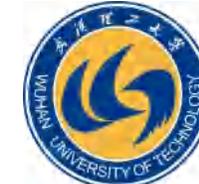
China Eco-friendly Packaging Materials R&D Center (Shenzhen)



South China University of Technology



Huazhong University of Science and Technology



Wuhan University of Technology Shenzhen Research Institute



Peking University Shenzhen Graduate School

# Four Standards, Best Choice

## Participated in Formulating China's National, Industry, and Corporate Standards

- **National Standard:**  
“Safety technical requirements for products used for companion animals(pets)”
- **National Standard:**  
"Deodorization Effect Evaluation Method for Absorbent Sanitary Paper Products and Raw Materials"
- **Industry Standard:**  
“Disposal diapers for pets”
- **Establishing Corporate Standard:**  
“Specification on Natural Fiber Cat Litter”  
“Specification for Plant Cat Litter Raw Materials”



# Cat Litter Production Base – Haikou



**Set up:**  
2020/4/30



**Area:**  
70000m<sup>2</sup> intellectual manufactory



**Location:**  
Hainan, Haikou, 2h to FOB port-Yangpu



**Certificate:**  
BSCI, BRCGS, ISO9001, APPA, FDA, QS





**Part 3**  
**Cooperation**

From planning, design, evaluation, R&D to production and delivery, we provide you a one-stop service to meet all your needs.

## Fragrance:

Regular: Original、Green tea、Milk、Coconut  
Others: Customizable

## Product:

Particle size:  $\varnothing$  2.5mm~4.6mm  
Raw material: Bamboo fiber, Bagasse fiber, Corncob

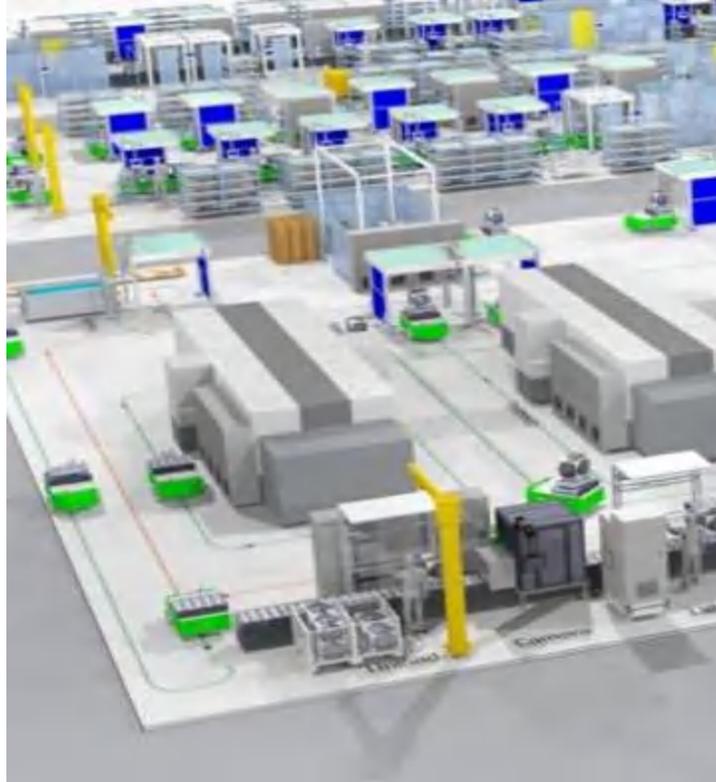
## Package:

Raw material: Kraft paper、Poly、Paper box  
Size: 4L/5L/6L/7L/10L/15L/18L





R&D auto machine  
(Sketch map)



## Capacity

- Annual capacity of 5000 tons/line.
- The overall energy consumption in the production process is more than 50% lower than that of traditional cat litter.
- Central dust collection and treatment system guarantees clean workshop.
- Non-contact heat exchange drying process, and no open fire environment, ensuring absolute safety.

## Distribution

- 1、 Stable product supply to meet the sales needs of pet shop dealers.
- 2、 Provide brand support, such as marketing activities, advertising, systematic dealer training, etc..

## E-commerce Channels

- 1、 Public Domain: alibaba.com, Tiktok, LinkedIn, Facebook, YouTube and other full-platform operations.
- 2、 Private Field: website, vertical member groups and other retention, activation of repurchase operations.

## KOL

- 1、 High-quality live streaming resources, such as bloggers, celebrities resources, to achieve accurate crowd content marketing.
- 2、 Through the product promotion video, live streaming e-commerce, brand implantation and other forms of cooperation to facilitate the transaction rate.

## Co-branding

- 1、 Participation in industry activities, local government pet-raising activities, public welfare activities, etc..
- 2、 Creative cross-brand collaboration, sharing of clout, enhancement and enrichment of brand connotation.

## — OWN BRAND —

貓五德®

识（猫生）大体，顾（环保）大局

ecopawfect  
By Nature For Pet

万宠耐

# GREEN LIFE FOR EVERYONE



**YUTO ECO**

Website: [www.yutopet.com](http://www.yutopet.com)  
Email: [yutopet@szyuto.com](mailto:yutopet@szyuto.com)

