



Transforming Agricultural **Waste Into High-Value** Non-food Bio-based Materials





PART 01

WHO WE ARE



PART 02

CORE STRENGTH



PART 03

SUSTAINABILITY
IN ACTION



PART 04

GLOBAL TRUST

PART 01 | WHO WE ARE

ABOUT US



At Yino Bio, we believe the future of new materials lies in renewable, responsible, and non-food bio-based solutions. Guided by a commitment to sustainability, innovation, and ESG principles, we transform non-food biomass corncobs—once considered waste—into high-performance materials that provide customized non-food biobased solutions for a wide range of downstream applications, while powering cleaner industries and healthier lives. With deep expertise in non-food biobased raw materials, Yino Bio is at the forefront of building a more circular, low-carbon industrial system.

As the largest production base for furan-based bio-chemicals in China from corncob, Yino Bio Group plays a leading role in advancing the global transition toward renewable, low-carbon materials. We operates two major facilities in Shandong and Henan.



ORGANIZATIONAL STRUCTURE OF YINO BIOLOGIC GROUP

一诺生物集团组织架构图



Shandong Yino Biologic Materials Co., Ltd.

DEVELOPMENT HISTORY

Puyang Yinu Industrial Trading Co., Ltd. was founded for International Business.

2010



2009

Shandong Yino Biotechnology Co., Ltd.

2015

September 2015, Company is renamed Shandong Yino Biologic Materials Co., Ltd.

2017

Henan Hosn Biologic Materials Co., Ltd. was founded.

2021

Shandong Yino Biologic Materials Co., Ltd. (Shanghai Research Center was founded).

Company has completed shareholding system reform.

2023

2025

National-level postdoctoral research workstation was officially approved.

Development History



Conversion of agricultural waste into high-value non-food based materials



Corn cobs consumption

↻ **2.0** million tons/year



Reduce emission

↻ **3.66** million tons



Help farmers increase income

↻ **1.0** billion dollars

Corn cobs are turned into treasure, reducing carbon emissions and increasing income for farmers.

PART 02 | CORE STRENGTH

Largest Furan Derivatives Producer in China



The scale of the factory covers an area of 330,000 square meters, which is the largest production base of furan series products in China.

Largest Furan Derivatives Producer in China

Developing series of products based on furfural and furfuryl alcohol , annual production capacity



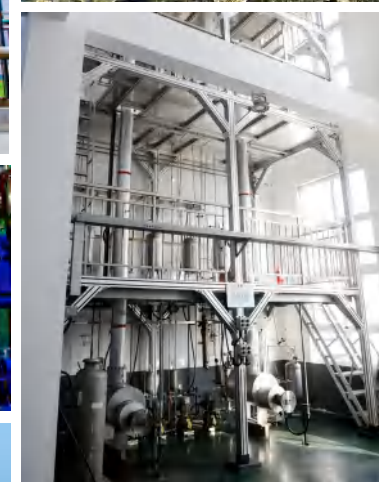
Furfural
20,000mt/year



Furfuryl alcohol
150,000 mt/year



Yino Biologic

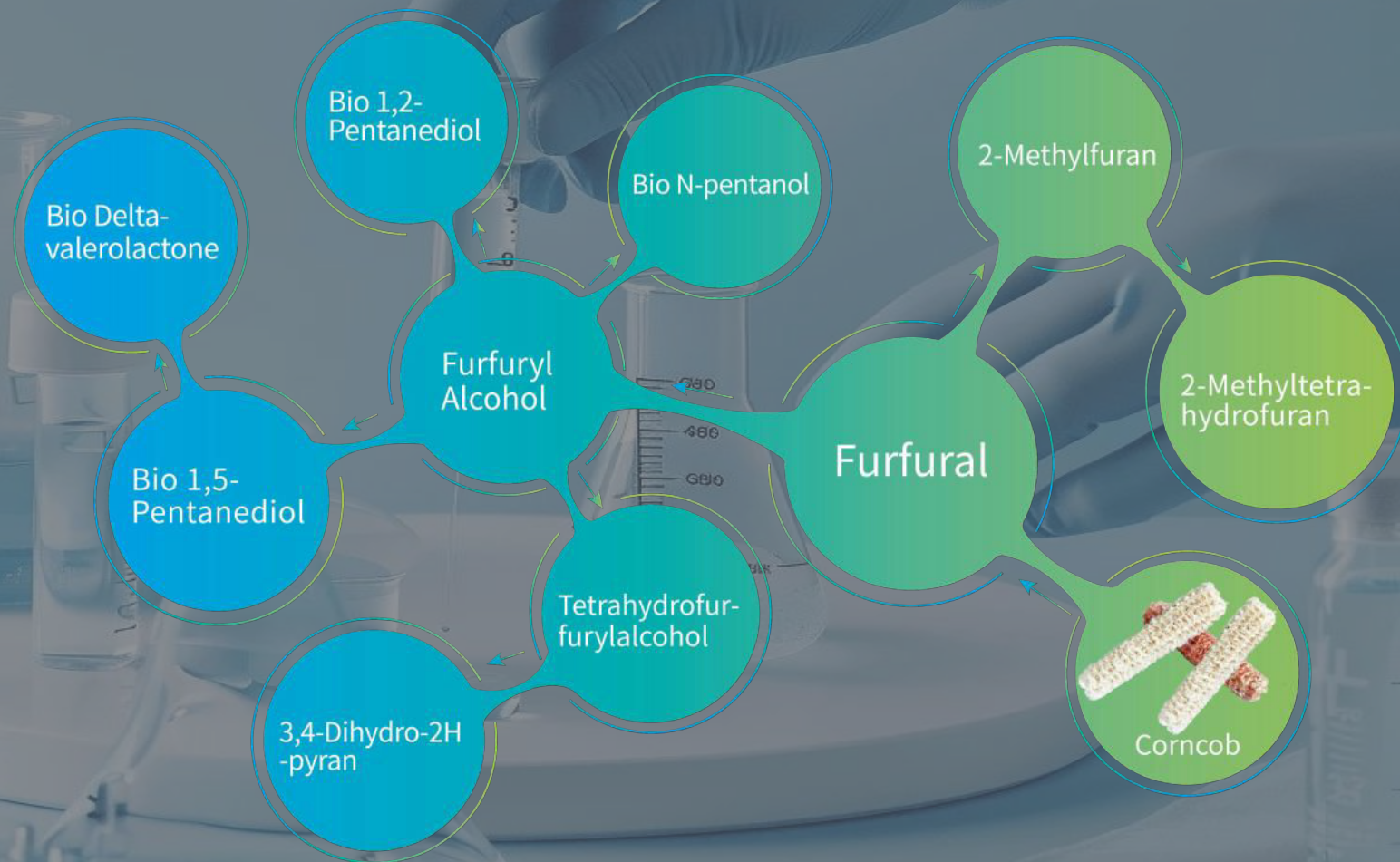


The background of the slide features a laboratory setting with several test tubes containing a blue liquid. A glass dropper is positioned above one of the tubes, with a single drop of liquid about to fall. The entire scene is overlaid with a semi-transparent blue gradient.

PART 03 | PRODUCT INNOVATION

Company Chain

We focus on the research and production of environmentally friendly non-food-based bio-based materials.



Core Product

 Furfural
20,000mt/year

 2-Methylfuran
35,000mt/year

 2-Methyl-THF
35,000mt/year

 3,4-Dihydro-2H-pyran
1,000mt/year

 Bio-1,2-Pentanediol
12,000 mt/year

 δ -Valerolactone
1,000 mt/year

 Bio-1,5-Pentanediol
5,000 mt/year

HEALTH MEDICINE



Core Product



Furfural
20,000 mt/year



Furfuryl alcohol
150,000 mt/year

CASTING



Core Product



Tetrahydrofurfuryl alcohol
5000 mt/year



Furfuryl alcohol
150,000 mt/year

δ -Valerolactone
1,000 mt/year



Bio-1,5-Pentanediol
5,000 mt/year

NEW MATERIALS



Core Product



Tetrahydrofurfuryl alcohol
5000 mt/year



2-Methyl-THF
35,000 mt/year



2-Methylfuran
35,000 mt/year



Bio-1,2-Pentanediol
12,000 mt/year

GREEN PESTICIDE



Core Product



Bio-1,2-Pentanediol
12,000 mt /year

COSMETICS



Core Product



Furfural

20,000 mt/year



2-Methyl-THF

35,000 mt/year



2-Methylfuran

35,000 mt/year



Bio N-Pentanol

8,000 mt/year

FLAVORS & FRAGRANCES



PART 04

SUSTAINABILITY
IN ACTION
ESG+HSE



国际 & 国家认可

ESG体系 >>>
获权威背书



ECOVADIS铜牌认证
全球可持续发展前22%
ECOVADIS 2025
BRONZE MEDAL 



国家级绿色工厂
NATIONAL
GREEN FACTORY 



2025 全球倡议加入 >>>

签署联合国全球契约 迈向责任制造

WE SUPPORT



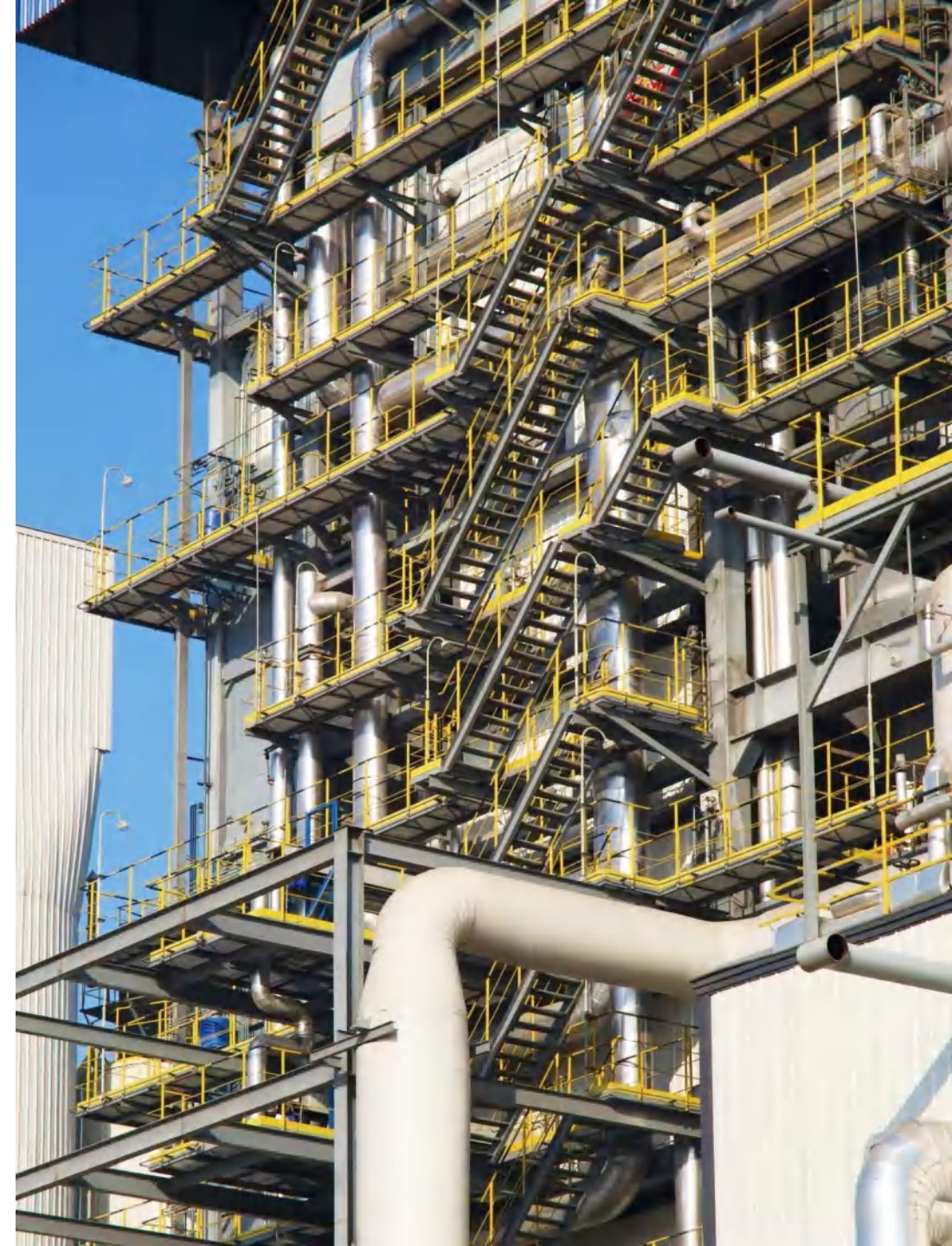
United Nations
Global Compact



与全球伙伴共同探讨低碳转型、责任采购与绿色创新路径，积极参与可持续产业生态建设。

Residue Treatment Equipment

- Strictly follow the operation procedures of the incinerator, and implement a three-level prevention and control system at the team, workshop and environmental protection department levels.
- VOC treatment station: Real-time monitoring device operation.
- Waste water treatment station: We will purify the waste water at first, and then will discharge it to the sewage station of the industrial park while meeting discharge standard.



NON-FOOD BIOMASS CIRCULAR INDUSTRY CHAIN OF SHANDONG YINO



玉米芯循环再生
开启非粮生物基新时代

将农业废弃物
转化为生态价值

HSE Management and Employee Safety

To minimize hazards, prevent accidents and injuries, and promote sustainable practices.

Underground conveyor belts

(Reduction in dust concentration compared to traditional methods, reduction in the impact of dust on the health of personnel, zero pollution)

Security Monitoring Center



(real-time alerts)

Staff Training



Integrated Safety Management Platform



THE R&D TEAM



Professional R & D



QC & QA teams



To make sure the technical development and strict quality control



ENTERPRISE QUALIFICATION



Quality Management System

ISO 9001 certificate



Occupational Health and Safety Management System

ISO 14001 certificate



Environment Management System

ISO 45001 certificate



REACH



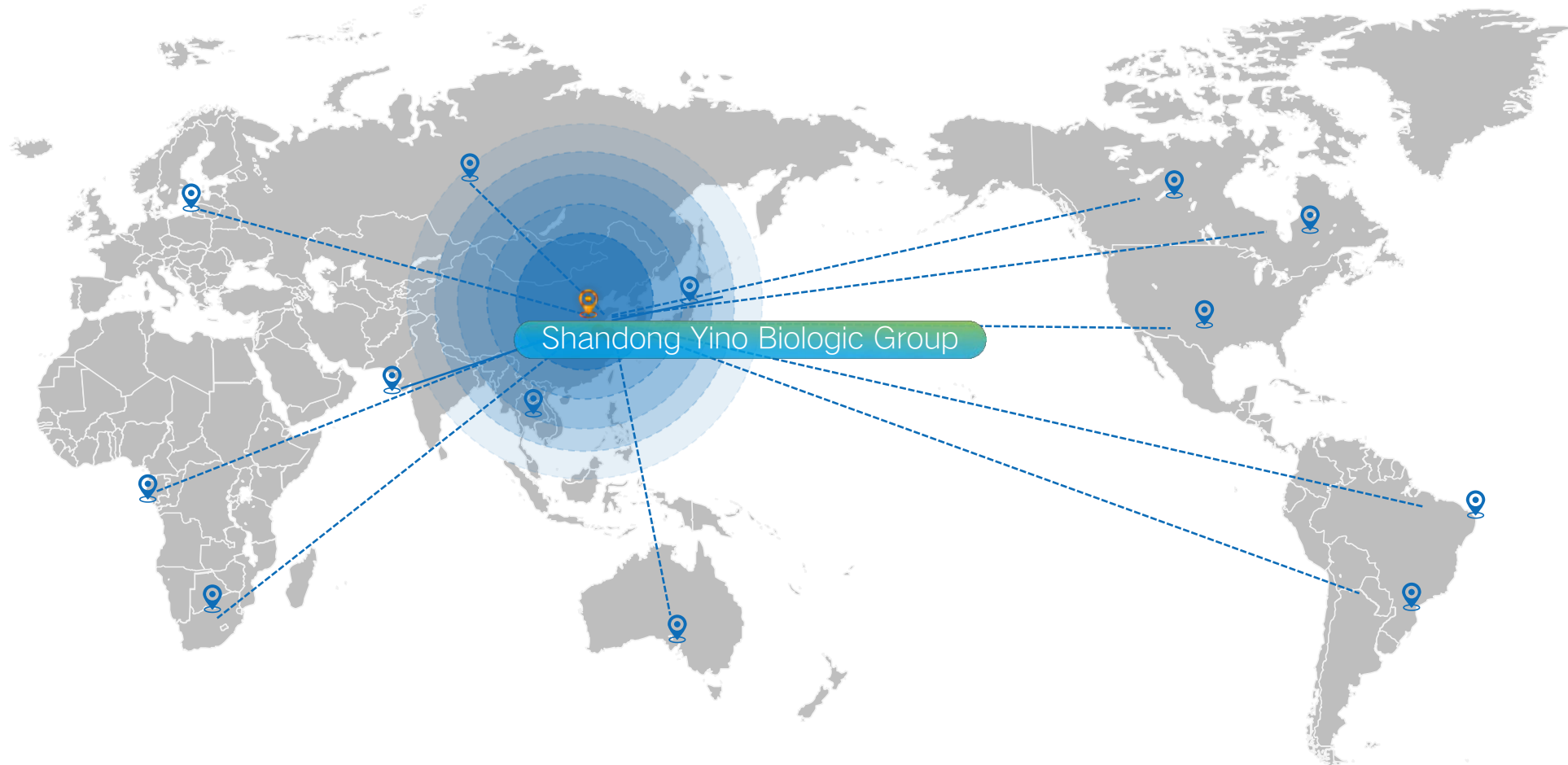
ENTERPRISE QUALIFICATION

- Energy Management System Certificate ISO 50001 certificate
- Beta Analytic
- Kosher Certification
- Halal Certificate



YINO Products Are Sold All Over The World !

Yino has established a long-term and stable business relationship with many countries and regions like **Japan**, **South Korea**, **Europe**, **the United States**, **Taiwan province**, etc., and has made remarkable achievements.



ENTERPRISE CULTURE



Enterprise vision

To be the world-class bio-based material production enterprises

Enterprise mission

Turn agricultural waste into bio-based material and contribute to the healthy development of human beings.

Working philosophy

Promise is debt. Dare to be responsible. People oriented. Innovation and development.

Marketing philosophy

Conduct myself faithfully. Concentrate on work. Endless Striving for Excellence. Mutual Benefit and Inclusiveness for Win-win Cooperation.

Environmental Protection Conception

The construction and environment exist together.

Occupational safety concept

Staff Safety First. Staff Healthy First.

Quality service concept

Quality First. Helping Customers.



THANKS

