



YUANLI

元利化学集团

公司简介

元利化学集团股份有限公司

YUANLI CHEMICAL GROUP CO., LTD.

Company profile

www.yuanli.com.cn



Production bases

Shandong-Weifang-Changle
Chongqing-Fuling-Baitao
Shandong-Weifang-Changyi
Inner Mongolia - Xingan League

Turnover

¥ 2.68billion (2022)

Number of employees

Total:885

Founding time

2003.2.17

Main business

R&D, production and sales of fine chemical products, bio-based products and polymer new energy products

Company Nature

Listed company in main board of Shanghai stock market

Stock code : 603217

History of Yuanli

2003

Weifang Yuanli founded

Covers an area of 40,000 m²



2005

The 1st plasticizer unit was put into production



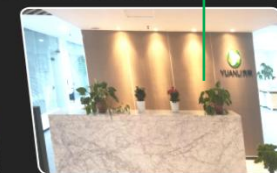
2013

Shandong 1st set of Dibasic Alcohol device Put into production



2018

- 1、Bio-based BDO project launched
- 2、Qingdao cowinsin was established
- 3、Chongqing Yuanli put into production



Dibasic Ester (MDBE®) phase I unit put into produce .

2004

Dibasic Ester (MDBE®) capacity increase to 60K tpa

2011

Chongqing Yuanli started construction

2016

Yuanli Europe B.V. founded

2017

History of Yuanli

2020

Officially renamed
Yuanli Chemical Group

2021

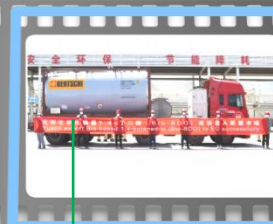
Weifang Yuanli New
Material Co., Ltd
start construction

2022

The Polycarbonate diol
(PCDL) 2K tpa unit was
put into production

2023

To be continued
We never stopped
walking



Listed on the
Shanghai Stock
Exchange

2019

Subsidiary --Chongqing
Yuanli new materials
Co.,Ltd was established

2020

Begin to mass
produce of Bio-BDO

2021

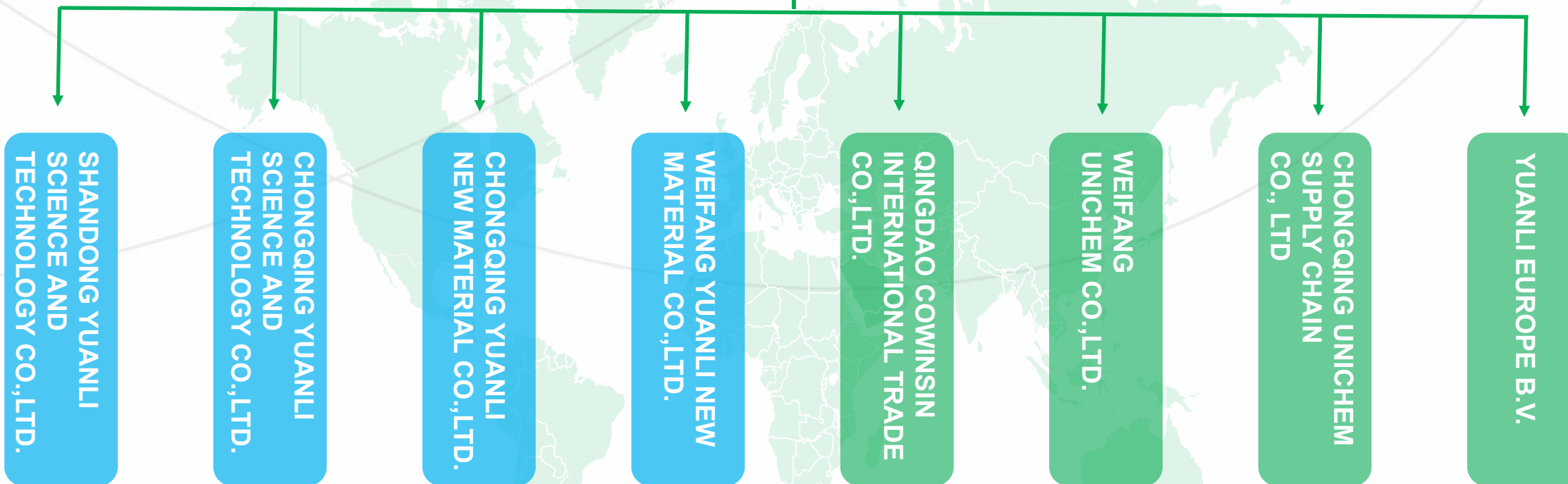
Construction of the new R&D
center began

Solar energy materials project
was launched

2022

Company structure

YUANLI CHEMICAL GROUP



■ Production subsidiary

■ Trading subsidiary

YUANLI EUROPE



SHANDONG YUANLI



WEIFANG YUANLI



The Netherlands
Amsterdam



Japan
Osaka



Inner Mongolia - Xingan League

Shandong
Weifang Changle



Shandong Weifang Changyi

Chongqing
Fuling Baitao

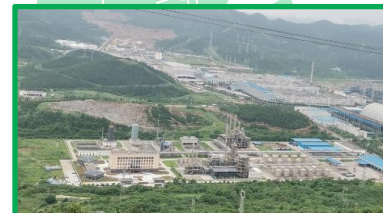


Shandong Qingdao

ZHANGJIAGANG

Guangzhou

CHONGQING YUANLI



QINGDAO COWINSIN



Company headquarters



Production base

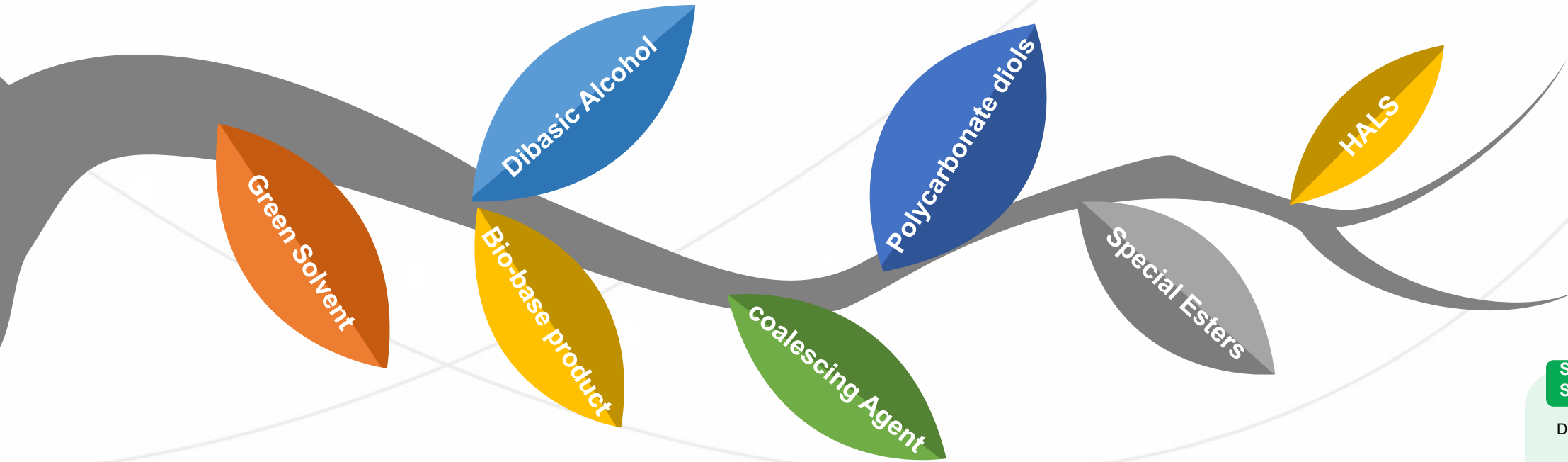


Warehouse



Subsidiary

Products List



Green Solvent Series

Dibasic Esters (MDBE® Series)
Dimethyl Adipate (DMA)
Dimethyl Glutarate (DMG)
Dimethyl Succinate (DMS)

Dibasic Alcohol Series

1,6-Hexanediol (HDO)
1,5-Pentanediol (PDO)

Bio-Based product Series

Bio-1,4-Butanediol (Bio-BDO)
Bio-Plasticizer DC-4
Bio-Plasticizer DC-6
Bio-Plasticizer DC-7

Coalescing Agent Series

ECOASOLVE®
DIBA (Diisobutyl Adipate)
LOCA® Series

Polycarbonate diols Series

YH-206
YH-106
YC-256
YC-156
YC-90M/A
YC-90M/B
YC-90M/C

HALS Series

HALS 770
HALS 292
HALS 3853
Inhibitor-701

Special Plasticizer Series

Diethyl maleate (DEM)
Dibutyl Maleate (DBM)
Diocetyl Maleate (DOM)
Dimethyl Phthalate (DMP)
Dibutyl Phthalate (DBP)
Dicapryl Phthalate (DCP)
Diisopropyl Adipic (DIPA)
Diocetyl Adipate (DOA)
Sebacic acid ester

The main area of service

Paint, ink

Polyurethane material,
synthetic fiber

Engineering plastics, civil plastic products, degradable materials

Pharmaceutical and pesticide intermediates

Home appliances and 3C products, new energy

Cosmetics, daily chemicals, clothing and footwear materials, etc





MDBE[®] Green Solvent Series

Industrial coatings, Automotive coatings, Foundry resins, Electronic \ Food ink, Daily chemical products, etc



DMA Dimethyl Adipate

Powder coating, Pharmaceutical intermediates, Special solvents, etc



DMG Dimethyl Glutarate

Pharmaceutical intermediates, High-grade coating resins, PDO, etc



DMS Dimethyl Succinate

HALS light stabilizer, Paint solvent, Pigment intermediates, etc



HDO

1,6-Hexanediol

UV coating monomer,
Polycarbonatediol, polyester resin,
Adhesives, Pharmaceutical
intermediates, etc

PDO

1,5-Pentanediol

High-grade coating resin,
Polycarbonatediols,
Pharmaceutical intermediates



DOA

Diethyl Adipate

Foundry resin, Anti-cold agricultural film, Frozen food packaging film, Outdoor pipe, etc



DBM

Dibutyl Maleate

High temperature cables, Special resin, Automotive plastic parts, Advanced leather, etc



DOM

Diethyl Maleate

Special resin, Surfactant, Adhesive, Advanced leather



DMP

Dimethyl Phthalate

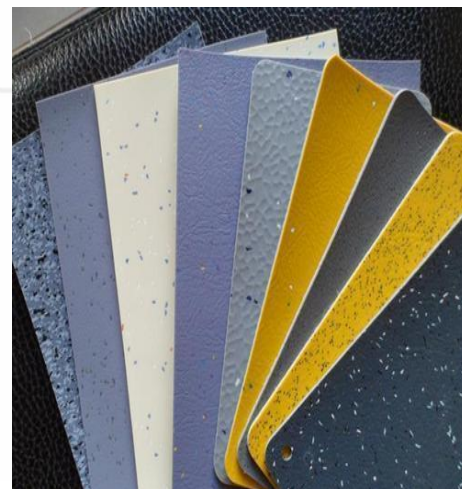
Resins of cellulose acetate, Mosquito-expellant, Intermediate for organic synthesis, Methyl-ethyl ketone peroxide, Fluoro-containing anticorrosive coatings, etc



DBP

Dibutyl Phthalate

PVC field, Nitro-cotton synthetic rubber, Cellulose acetate, Leather chemical paint, etc.



DCP

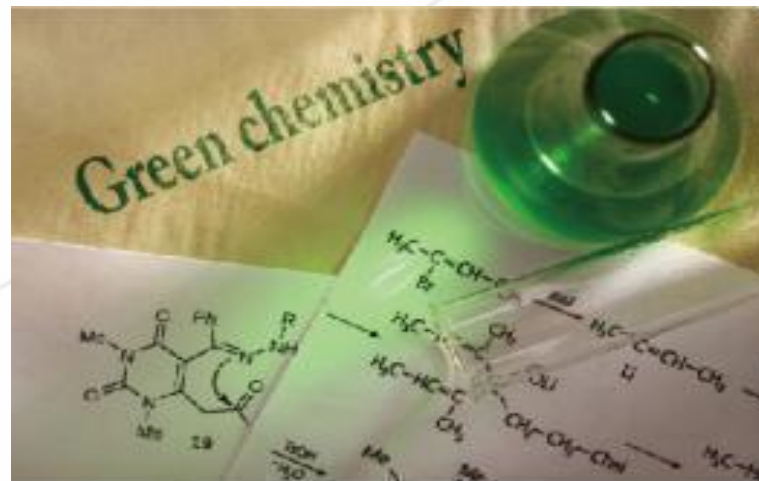
Dicapryl Phthalate

Used as substitute of Dioctyl Phthalate. (DOP)

Bio-1,4-Butanediol

Bio-1,4-Butanediol

Spandex, Biodegradable plastics, Thermoplastic polyurethane elastomer, Automotive synthetic leather, Lithium battery electrolyte, etc



Bio-2-Octanol

2-Octanol

Cosmetics intermediates, Synthetic perfume, Pharmaceutical \ Pesticide intermediates, etc

Bio-2-Octanone

2-Octanone

Perfume industry



DC-4/6/7

Bio-Plasticizers

Some/whole Bio-based products have good properties which can partially/completely replace the traditional petrochemical plasticizers.

BRAND

YH-106	YC-90M/A
YH-206	YC-90M/B
YC-156	YC-90M/C
YC-256	



APPLICATION

- Waterborne polyurethane dispersions
- Polyurethane elastomer (PUEs)
- Polyurethane coating
- Polyurethane leathers
- Polyurethane adhesive

HALS 770

Widely used in PP, PE, PVC, PS, ABS, polyurethane and other products.



HALS 3853

Used for PP products such as polyolefin plastics, polyurethane, ABS resins, coatings, adhesives, rubber, injection molding, film materials and tape.

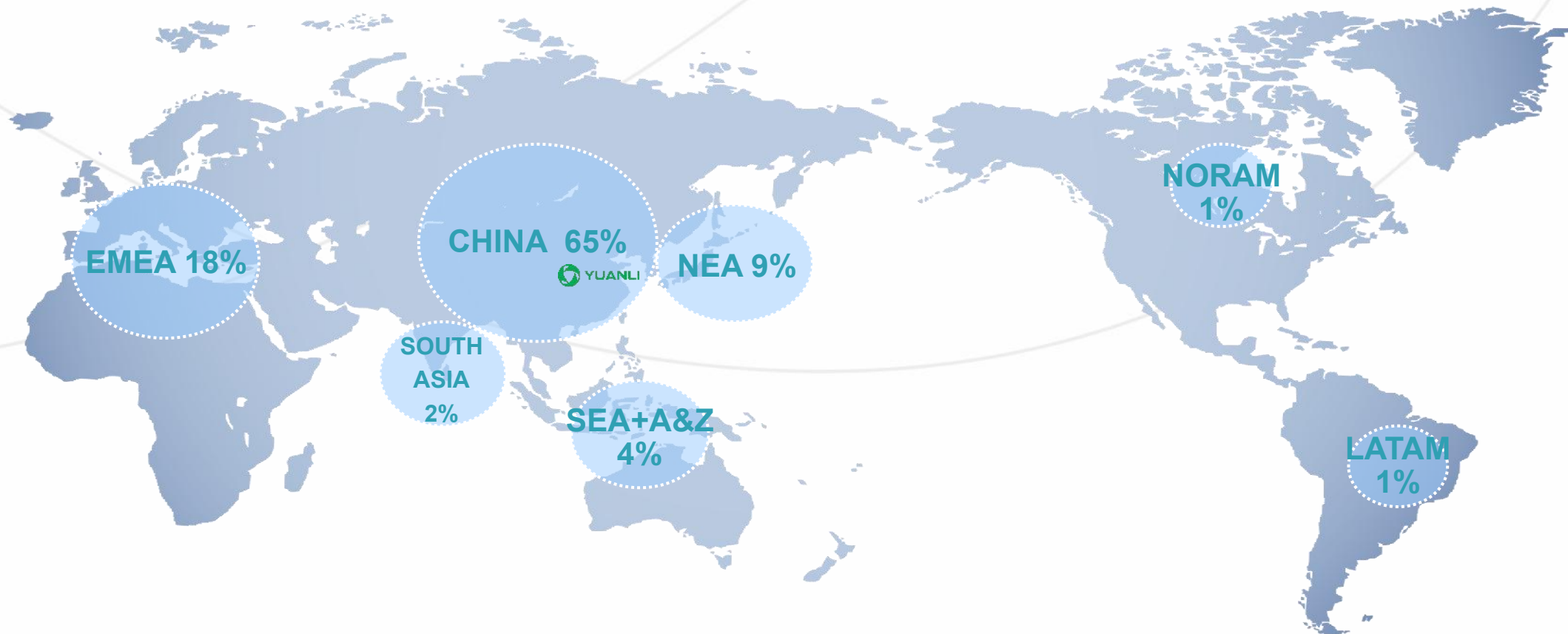
HALS 292

It is mainly used in paint, coatings, ink, polyurethane paint and so on. It has a synergistic effect with ultraviolet absorber.



Inhibitor 701

Used to control and regulate the degree of polymerization of olefin and its derivatives.



Global business distribution (base on FY 2022)



Iron drum

210L Iron drum
MDBE brand T drum, all black drum,
Yuanli Blue drum, HDO brand drum
PCD brand drum, etc



Bulk packing

Includes ISO TANK and
FLEXITANK
ISO TANK (20-26CBM)

IBC Tote

Commonly used IBC
bucket brands are
Conbulk, Sakura,
SCHÜTZ

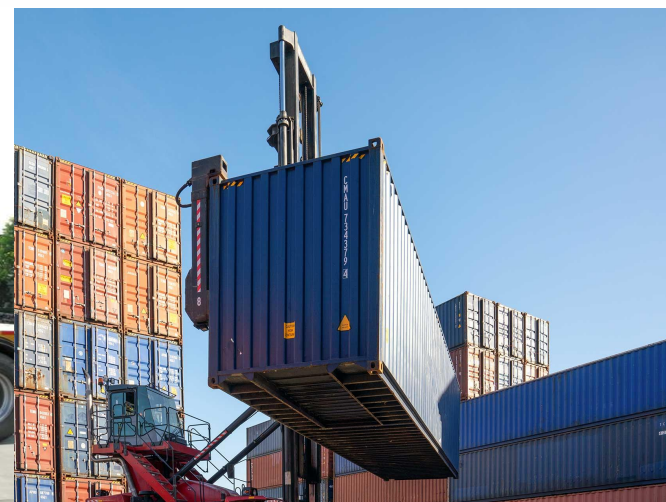


Paper Plastic Composite Bag

25KG capacity, used for flake
HDO packaging



Logistics distribution



Product compliance — REACH



Product Carbon Footprint, PCF&ECOVADIS





Number of R&D personnel: 117



Proportion of R & D investment: 4.3%

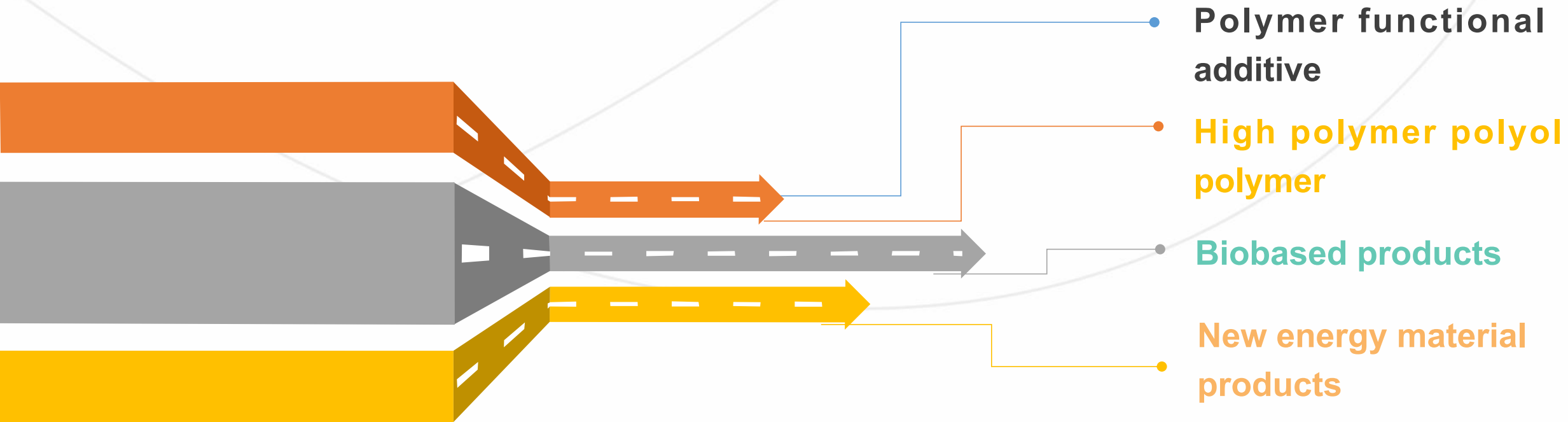


Number of R&D centers: 1

Research & Development



Yuanli has 97 patents, including 29 invention patents, 67 utility model patents and 1 appearance design. One of the scientific and technological achievements passed the achievement appraisal of Shandong Provincial Economic and Information Commission.



THANKS! 谢谢