

Business Outline of the Central Glass Group

Europe
4
companies

Apollo Scientific Limited (UK)
Central Glass Europe Limited (UK)
Central Glass Germany GmbH (Germany)
Carlex Glass Luxembourg, S.A. (Luxembourg)

Japan
26
companies

Asia
13
companies

Yue Sheng Industrial Co., Ltd. (Taiwan)
Taiwan Central Glass Co., Ltd. (Taiwan)
Giga Gas & Electronic Materials Company (Taiwan)
Central Glass Trading (Shanghai) Co., Ltd. (China)
Zhejiang Central Glass Chemspec Company Ltd. (China)
Giga Gas & Electronic Materials Trading (Shanghai) Co., Ltd. (China)
Saint-Gobain Central Sekurit (Qingdao) Co., Ltd. (China)

Central Glass (Zhangjiagang) Co., Ltd. (China)
Central Glass Korea Co., Ltd. (South Korea)
JCEL Co., Ltd. (South Korea)
Thai Central Chemical Public Co., Ltd. (Thailand)
Japan Vietnam Fertilizer Company (Vietnam)
Central Glass Company India Private Limited (India)

► Corporate Outline (as of March 31, 2016)

Company Name	Central Glass Co., Ltd.
Established	October 10, 1936
Number of Employees	1,645 (7,052 consolidated)
Capital	18,168.28 million
Listed Stock Exchange	Tokyo Stock Exchange

► List of Workplaces

Head Office
Kowa-Hitotsubashi Bldg., 7-1 Kanda-Nishikicho 3-chome, Chiyoda-ku, Tokyo, Japan

Chemical Research Center (Tokyo)
17-5 Nakadai 2-chome, Kawagoe City, Saitama

Chemical Research Center (Ube)
5253 Okiube, Ube City, Yamaguchi

Glass Research Center
1510 Okuchi-cho, Matsusaka City, Mie

Ube Plant
5253 Okiube, Ube City, Yamaguchi

Matsusaka Plant
1521-2 Okuchi-cho, Matsusaka City, Mie

Matsusaka Plant Sakai Mfg. Site
6 Chikko-minamimachi, Sakai-ku, Sakai City, Osaka

Kawasaki Plant
10-2 Ukishima-cho, Kawasaki-ku, Kawasaki City, Kanagawa

► Business Division/Segment/Major Products

Glass Business	Architectural glass	Float glass, figured glass, wired glass, heat reflective glass, fabricated glass (tempered glass, fire-resistant tempered glass, laminated glass, insulating glass units, crime-prevention glass), mirrors, anti-fog mirrors, decorated glass
	Automotive glass	IR-cut glass, UV-cut glass, glass antennas, privacy glass, module glass, acoustic glass, glass with conductive heating defogger print, head-up display glass, and other various safety glasses
	Glass for electronic materials	Thin flat glass for LCDs, chemical tempered glass, powder glass and glass paste
Chemicals Business	Basic chemicals	Fluorocarbon products, polyaluminum chloride, gypsum, hydrofluoric acid
	Fine chemicals	Active ingredients & intermediates for pharmaceuticals/agrochemicals, fluorinated organic/inorganic compounds, high purity gases, electronic materials, electrolytes for lithium-ion batteries, fluorinated organic/inorganic reagents
	Fertilizers	NPK compound fertilizer, NK compound fertilizer, coated fertilizer, organic chemical fertilizer, fertilizer materials, microbiological plant-protection agents/materials
	Glass fibers	Glass fiber, glass wool

America
7
companies

Central Glass Co., Ltd.
Tohoku Garasu Kenzai Co., Ltd.
Central Glass Sale Co., Ltd.
Central Glass Engineering Co., Ltd.
Tosho Central Co., Ltd.
Niigata Yoshino Gypsum Co., Ltd.
Central Chemical Co., Ltd.
Central Saint-Gobain Co., Ltd.
Central Glass Module Co., Ltd.
Bishu Silica Sand Co., Ltd.
Japan Tempered & Laminated Glass Co., Ltd.
Central Insulation Co., Ltd.
Central Glass Fiber Co., Ltd.
Mie Glass Industry Co., Ltd.
Central Glass Plant Services Co., Ltd.

Sowa Transportation and Warehouse Co., Ltd.
Takada Co., Ltd.
Ube Trading Co., Ltd.*
Central Engineering Co., Ltd.
Ube Delivery Co., Ltd.
Central Service Co., Ltd.
Ube Analytical Center Co., Ltd.
Ube Yoshino Gypsum Co., Ltd.
Ube Ammonia Industries Co., Ltd.
Central Saint-Gobain Investment Co., Ltd.
TOKUYAMA & CENTRAL SODA Inc.

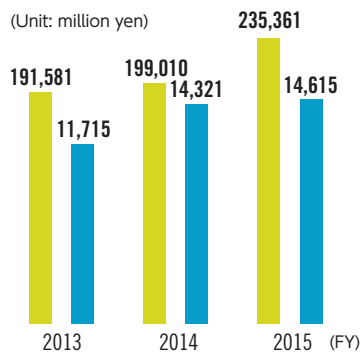
* Ube Delivery Co., Ltd., merged with Ube Trading Co., Ltd., and is now Ube Trading Co., Ltd.

Northwestern Industries, Inc. (US)
Central Glass International, Inc. (US)
Central Glass America Inc. (US)
Carlex Glass Company, LLC (US)
Carlex Glass America, LLC (US)
Carlex Glass of Indiana, Inc. (US)
SynQuest Laboratories, Inc. (US)

► Trends in net sales and ordinary income (consolidated)

■ Net sales ■ Ordinary income

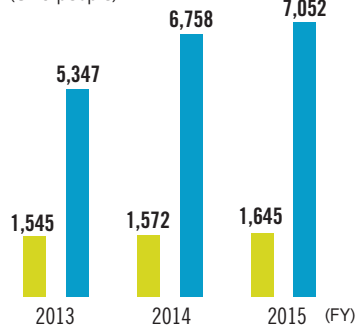
(Unit: million yen)



► Trends in the number of employees

■ Non-consolidated ■ Consolidated

(Unit: people)



► FY2015 sales by segment (consolidated)

