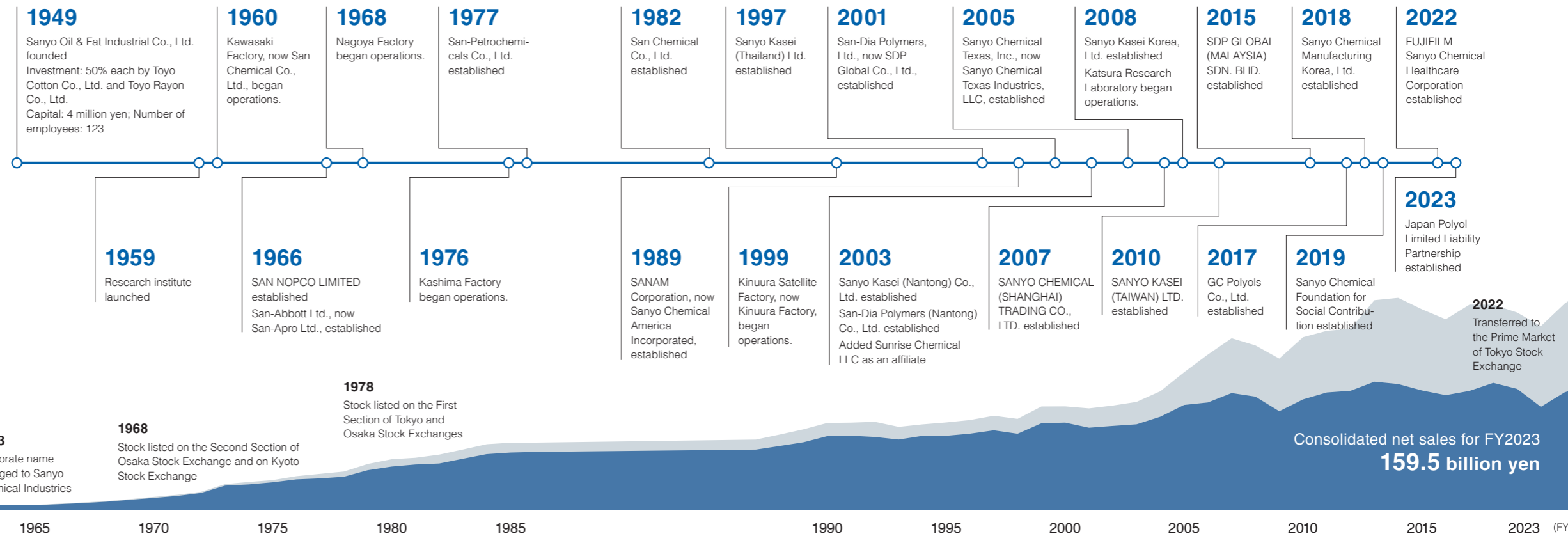


Technological Capabilities and Product History

In 1907, Tada Soap-Oleo Works, our predecessor, was founded in Kyoto. Despite limited resources, we have focused on strengthening our technological capabilities, such as producing Japan's first olive soap, and laid the foundations for interface control technology.

In 1949, Sanyo Oil & Fat Industrial Co., Ltd. (now Sanyo Chemical Industries, Ltd.) was founded, inheriting the spirit of Tada Soap-Oleo Works. Through our interface control technology and customer-oriented product development, we now offer over 3,000 types of functional chemicals.



Technology and Product Evolution

- | | | | | | |
|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 1960 SANNIX raw material for polyurethane foams and PEG polyethylene glycol developed | 1986 SANELEK electrolyte for aluminum electrolytic capacitors and SAN-MODUR chemical board (tooling material) developed | 2002 ULTIFLOW, EXCELFLOW, and PRIME-POL raw materials for polyurethane foams developed | 2007 HISTAT SK cutting fluid for silicon ingots developed CHEMICLEAN PR cleaning agent for use in hard disk manufacturing developed | 2012 New manufacturing process for raw materials for polyurethane foams developed | 2019 ALPHAPUR HSG cosmetic nonionic surfactant developed |
| 1963 ACLUBE lubricant additive developed | 1992 UCOAT polyurethane emulsion developed | 2003 APEXNARROW polyester beads used as a core component of polymerization toners developed | 2008 SphereLight proBNP clinical reagent for diagnosis of heart failure developed | 2014 HYDROFIT surgical hemostatic agent launched as our first-ever medical device in Japan (The overseas trade name is AQUABRID.) | 2020 PIUSERIA AMC amino acid-type amphoteric surfactant developed |
| 1969 SANFLOC polymer flocculant developed | 1994 PELESTAT permanent antistatic agent developed | 2004 LEVEFLOW agent for slurry excavation developed | 2009 SHARPFLOW raw material for polyurethane foams developed | 2015 Magrapid magnetic particle for EIA diagnostic reagents developed | 2021 SANNIX FA-817 raw material for urethane foams for bedding developed |
| 1972 HIMER toner resin developed | 1999 POWERELEK electrolyte for electric double-layer capacitors developed | 2005 EIA diagnostic reagent for small cell lung cancer developed | 2010 PELECTRON permanent antistatic agent developed | 2016 CALPROTECTIN MOCHIDA received Japan's first approval as an in vitro diagnostic agent for Ulcerative Colitis. | 2022 MICELAND SCD-100 laundry detergent base that contributes to reducing environmental impact developed |
| 1977 SANWET superabsorbent polymer developed | 2000 THERPUS thermoplastic polyurethane beads and NAROACTY synthetic higher alcohol-based nonionic surfactant developed | 2006 LAUROMACROGOL 100 medical drug exclusively used in manufacturing developed | 2011 Approved as a medical device business operator for the first time | 2017 EMULMIN CS liquid laundry detergent base developed | 2023 Electric nose "FlavoTone" launched |
| 1978 EIA diagnostic reagent developed | | | | | |
| 1982 CARRYOL cold flow improver for fuel oil developed | | | | | |

Business Portfolio and Sales Trends

