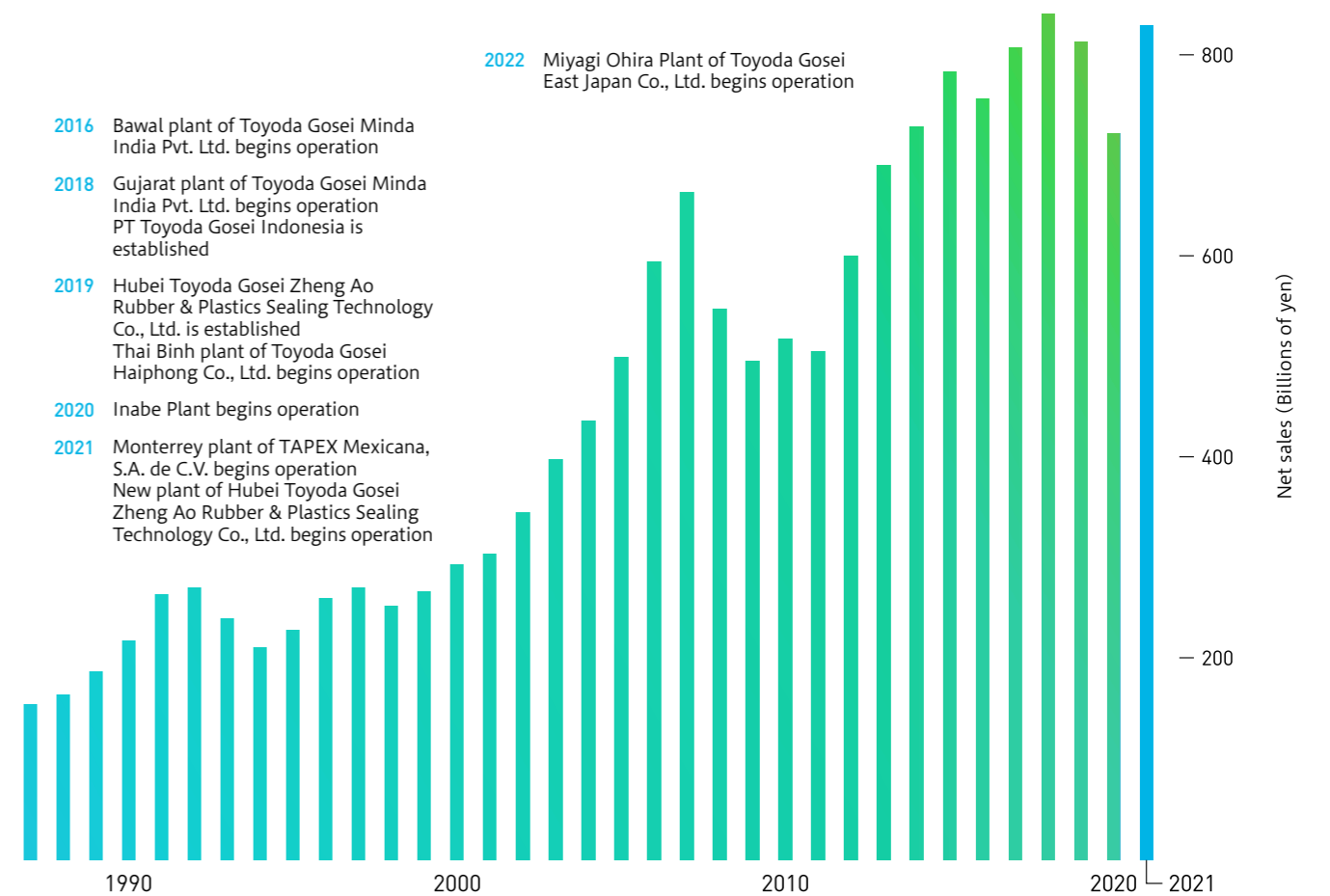
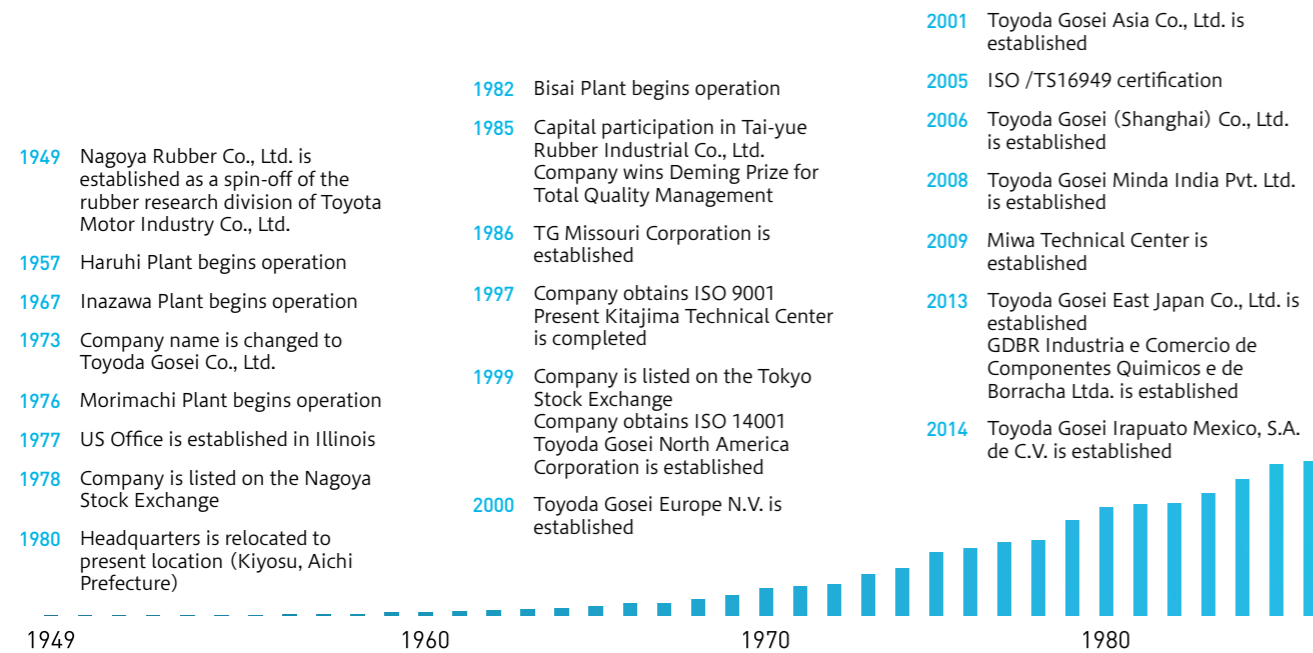


History of Toyoda Gosei

Toyoda Gosei has exploited its expertise in rubber and plastics and provided new value to the world that meets the needs of the times.



Development history of technologies and products

Automotive parts

Rubber

- 1953 Brake hoses
- 1961 Piston cups
- 1977 Constant velocity joint boots
- 1983 Nylon fuel hoses
- 2011 Lightweight radiator hoses

Plastics

- 1950 Weatherstrips
- 1963 Flocked glass runs
- 1982 Sound insulating glass runs
- 2003 Two-color molded opening trims
- 2010 Lightweight opening trim weatherstrips
- 2017 Glass runs for flush surface door

- 1954 Plastic injection steering wheels
- 1960 PP steering wheels
- 1974 Instrument panels
- 1982 Plastic fuel filler caps
- 2000 Noise absorbing air intake ducts
- 2008 Plastic fuel filler pipes
- 2014 Plastic water pipes
- 2015 Capless fuel fillers
- 2017 Large radiator grilles
- 2018 Air conditioner registers with LED lighting
- 2019 Plastic turbo ducts / Battery cases
- 2020 Extra-large spindle grilles
- High pressure hydrogen tanks
- 2022 CNF-Reinforced Plastic

New fields

- 1986 Start of R&D for blue LEDs
- 1991 Success in development of blue LEDs is certified
- 2007 Start of R&D for e-Rubber
- 2010 Start of R&D for GaN power devices
- 2014 Profs. Isamu Akasaki and Hiroshi Amano (Toyoda Gosei technical advisors) receive Nobel Prize in Physics
- 2017 Steering wheels with grip sensor / New type of side airbags
- 2019 Development with EBM Corp. of the Super BEAT heart surgery simulator that uses e-Rubber
- 2020 UV-C space disinfectors, which use UV-C (deep UV) LEDs, are launched UV-C (deep UV) LEDs are confirmed to be highly effective in inactivating COVID-19
- 2021 UV-C high-speed surface disinfectors
- 2021 Driver-side airbags for better protection in angled frontal collisions / Pedestrian protection airbags
- 2022 Success in making larger GaN substrates for next-generation power devices
- 2021 Smart insoles