

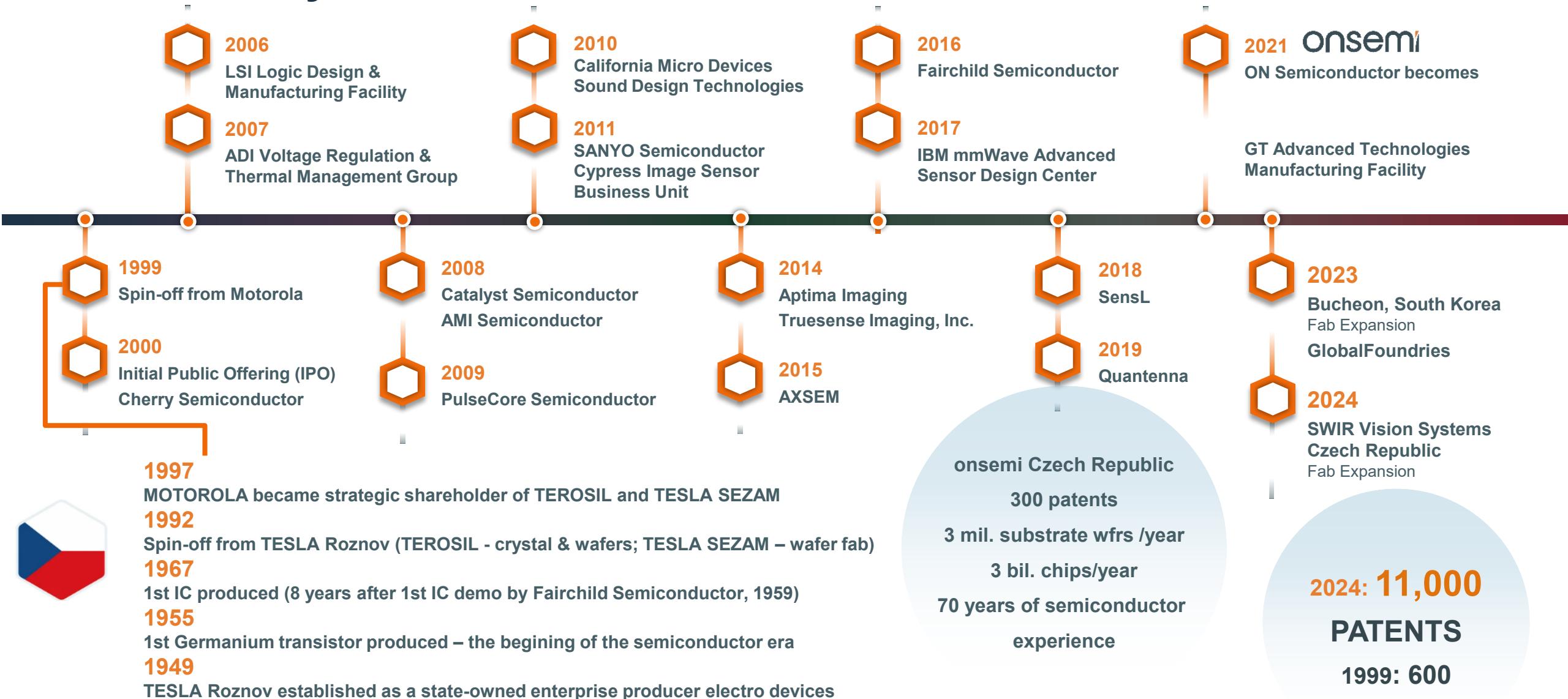


onsemi Rožnov pod Radhoštěm

Introduction and excursion details



onsemi: 26 years in a nutshell



onsemi in the Central Europe



onsemi in Roznov – Manufacturing History



1949



1992



1993



2003



ON Semiconductor®

2005



2022

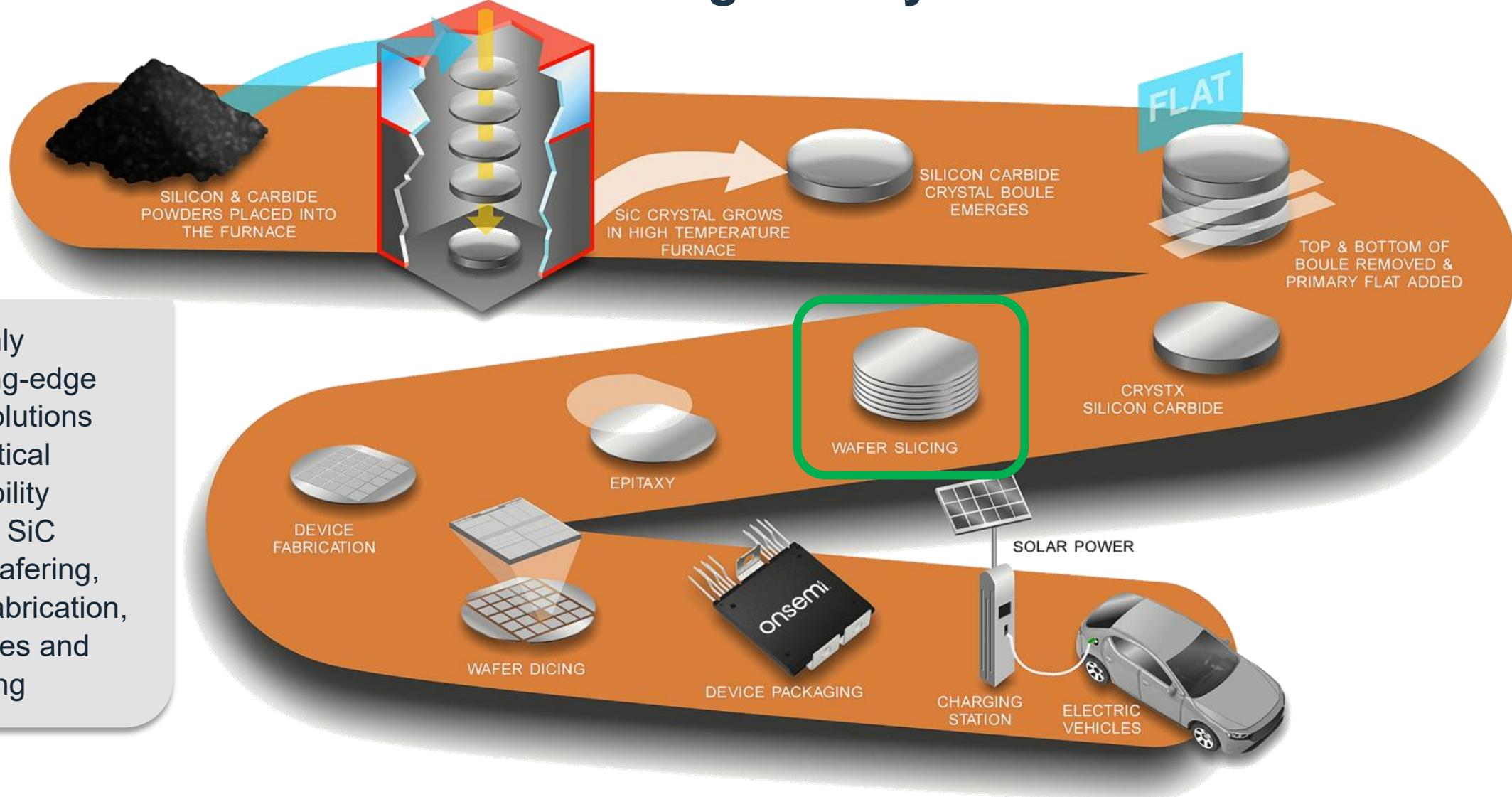


- State enterprise
- Eastern Europe markets
- 8 500 employees
- Equipment manufacturing
- Materials (poly, mono-Si)
- Wafer production
- Wafer fabs
- Assembly
- Design, Labs

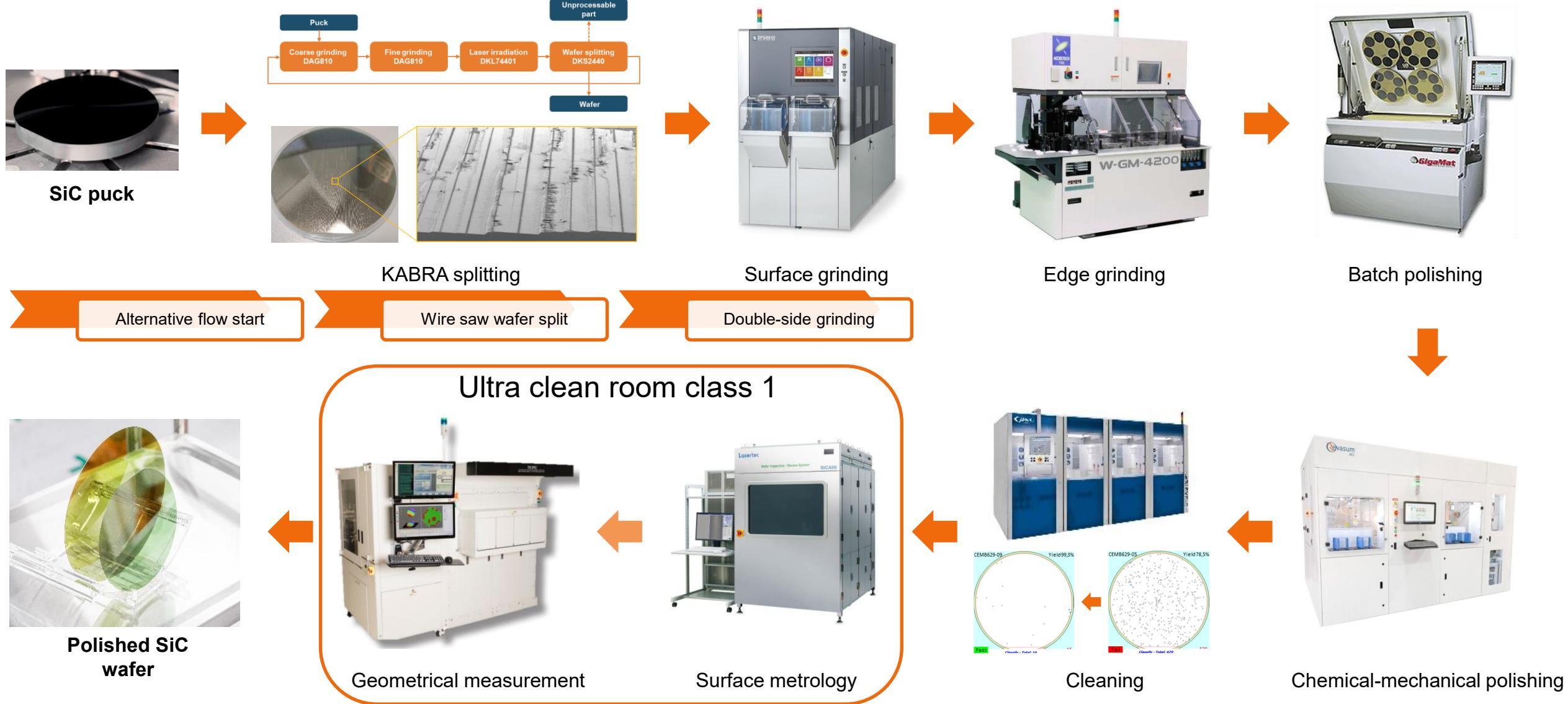
- Privatization
- Motorola become strategic partner and majority shareholder
- Tesla Sezam – Wafer Fab expanded by transfers
- Terosil – Materials established epi wafers production
- SCG Design center established

- ON Semiconductor spin-off from Motorola
- Merger, local entity name change, ON Semiconductor become 100% owner
- Fab (CZ4) further expansion by transfers
- Wafer production (CZ2) extended to position of onsemi fabs key polished and epi wafer supplier
- Kick off SiC polished and EPI wafers and further expansion

onsemi Silicon Carbide Manufacturing Life Cycle



SiC Wafer Production with KABRA Laser Splitting



Excursion details

- Welcome at onsemi Czech Republic
 - Greetings by the Executive Management
- Manufacturing area visits:
 - Production of Silicon and Silicon Carbide Wafers
 - Polished Substrate and Epitaxial Wafers
 - Production of Semiconductor Devices (Wafer Fab)
 - 0.8 µm to 3 µm Bipolar IC's, Metal Gate CMOS, MOSAIC, and various PowerFET and IGBT Technologies
- Other area visits
 - Product Analysis Laboratory
 - Physical and Electrical Analysis, Reliability & Stress Testing, Customer Support
 - Design Center
 - Focus end markets: Power Management, AC-DC Controllers & Regulators, Linear Voltage Regulators, Power Discretes