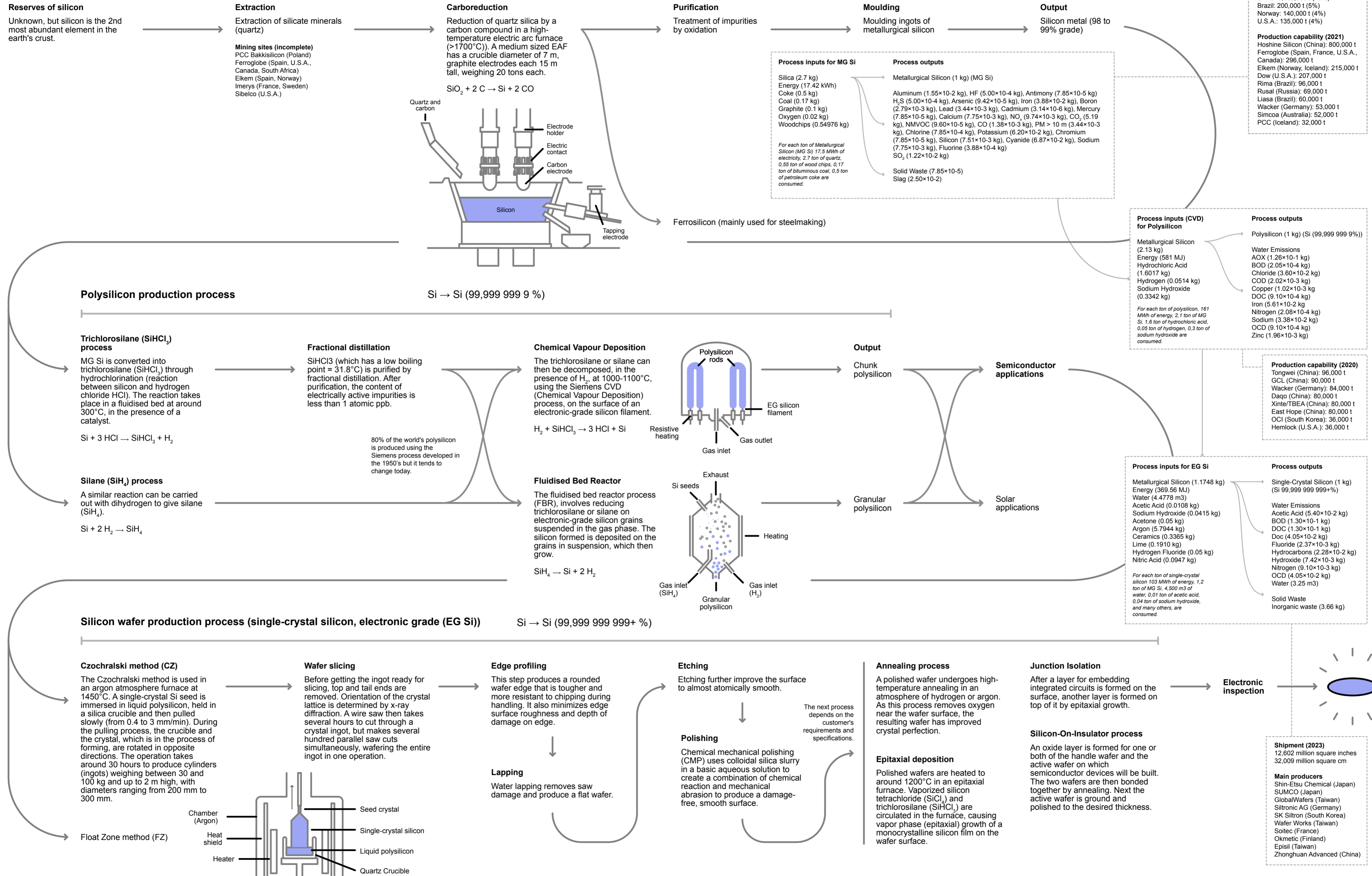


Supplementary Material 2 - Silicon



Credits : Gauthier Roussille
Sources : Fisher, G., Seacrist, M. R., & Standley, R. W. (2012). Silicon crystal growth and wafer technologies. Proceedings of the IEEE, 100(Special Centennial Issue), 1454-1474 ; Schmidt, M., Hottenroth, H., Schottler, M., Felzer, G., & Schlüter, B. (2012). Life cycle assessment of silicon wafer processing for microelectronic chips and solar cells. The international journal of life cycle assessment, 17, 126-144 ; Chalamala, Babu. Manufacturing of Silicon Materials for Microelectronics and PV. United States : Pupin, P. C., Perazzini, M. T. B., Grillo Renó, M. L., Perazzini, H., Haddad, J., & Yamachita, R. A. (2023). Life cycle assessment for producing monocrystalline photovoltaic panels: a case study of Brazil. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 45(4), 12924-12937 ; BRGM ; L'élémentarium, fiche Silicium ; STMicroelectronics