% \section{Platinum recycling potential by 2040}\label{app:recycling}

% secondary supply (and recycling)

% Of the 25% of the total platinum supply that comes from recycling each year, circa 80% is from autocatalysts and circa 20% from jewelry. A small amount of recycled platinum also comes from electronic waste. The stream of secondary supply from recycling platinum is a function of historical platinum demand, although the time lag between original consumption and recycling can be long. On average, it is around 13 years for autocatalysts. Global recycling is expected to recover by 10% in 2023 to 1.9 Moz.

% https://www.cmegroup.com/articles/2023/platinum-recycling-and-the-circular-economy.html

% Recycled platinum worldwide from 2010 to 2022 with a forecast for 2023, by former use

% https://www.statista.com/statistics/593072/platinum-recycled-worldwide-by-former-use/

% 2023: 42,515Tonnen recycled

% Max value in 2019: circa 60 ton