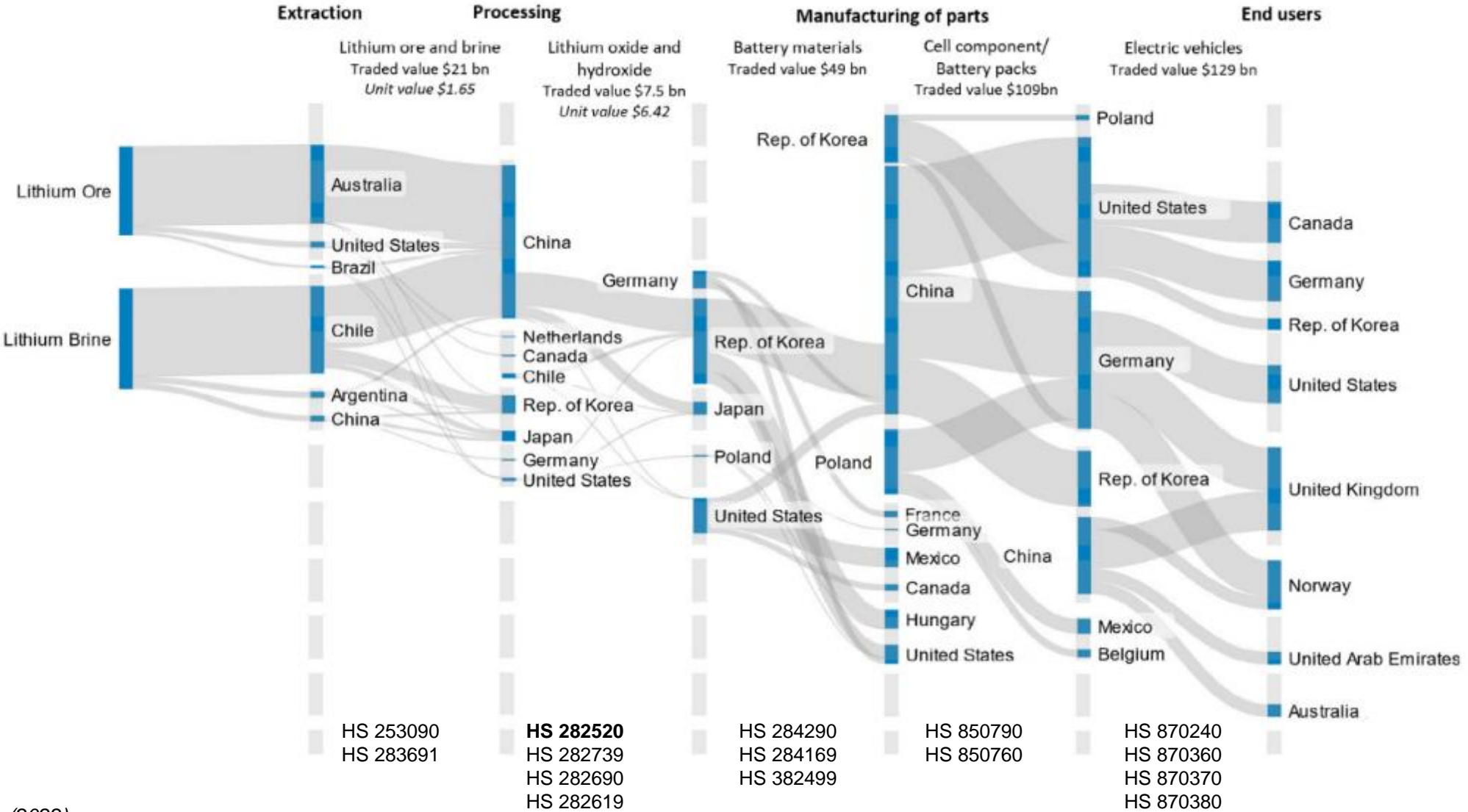


Concentration upstream and higher trade amounts downstream

Lithium trade flows along the EV value chain, 2022 (USD)

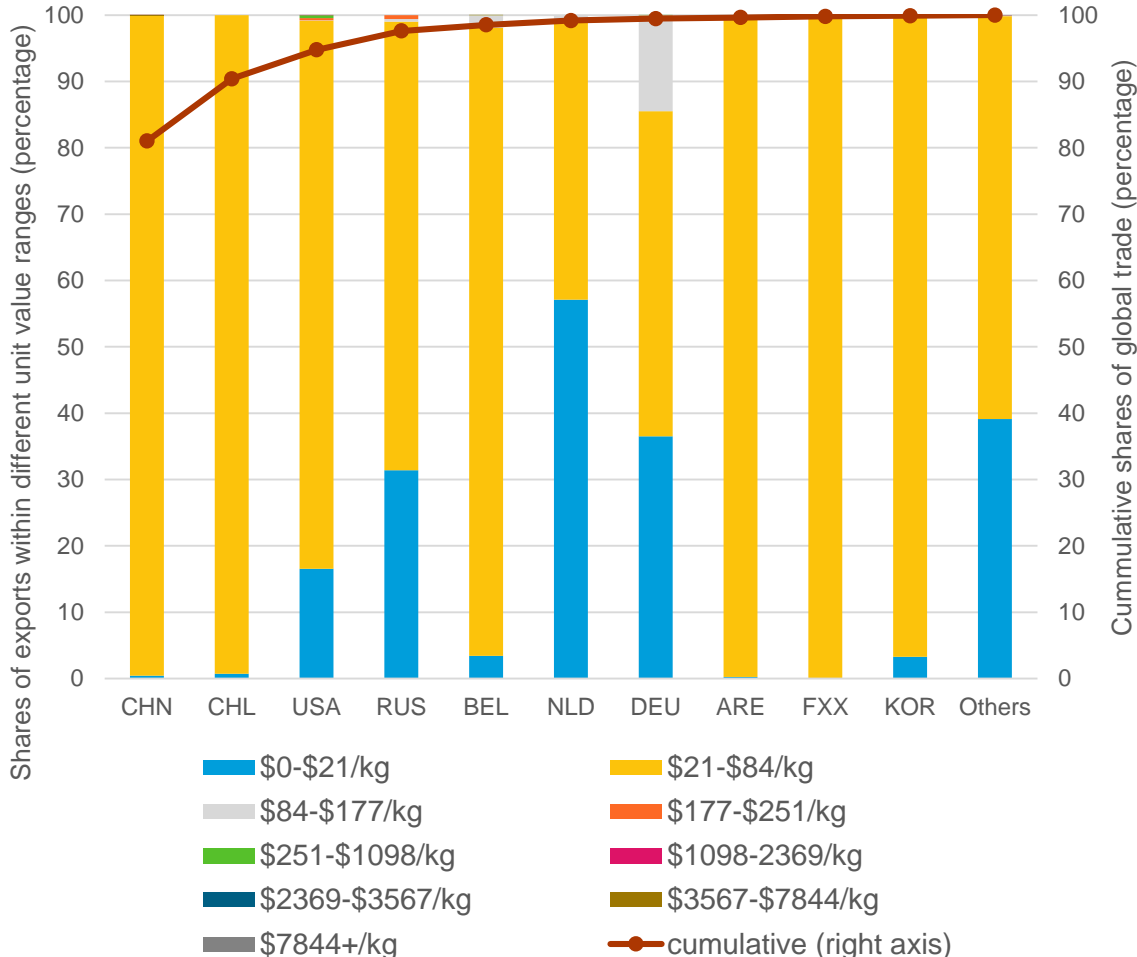


Note: export value (2022)
 Source: UNCTAD Secretariat based on calculations from UN Comtrade.

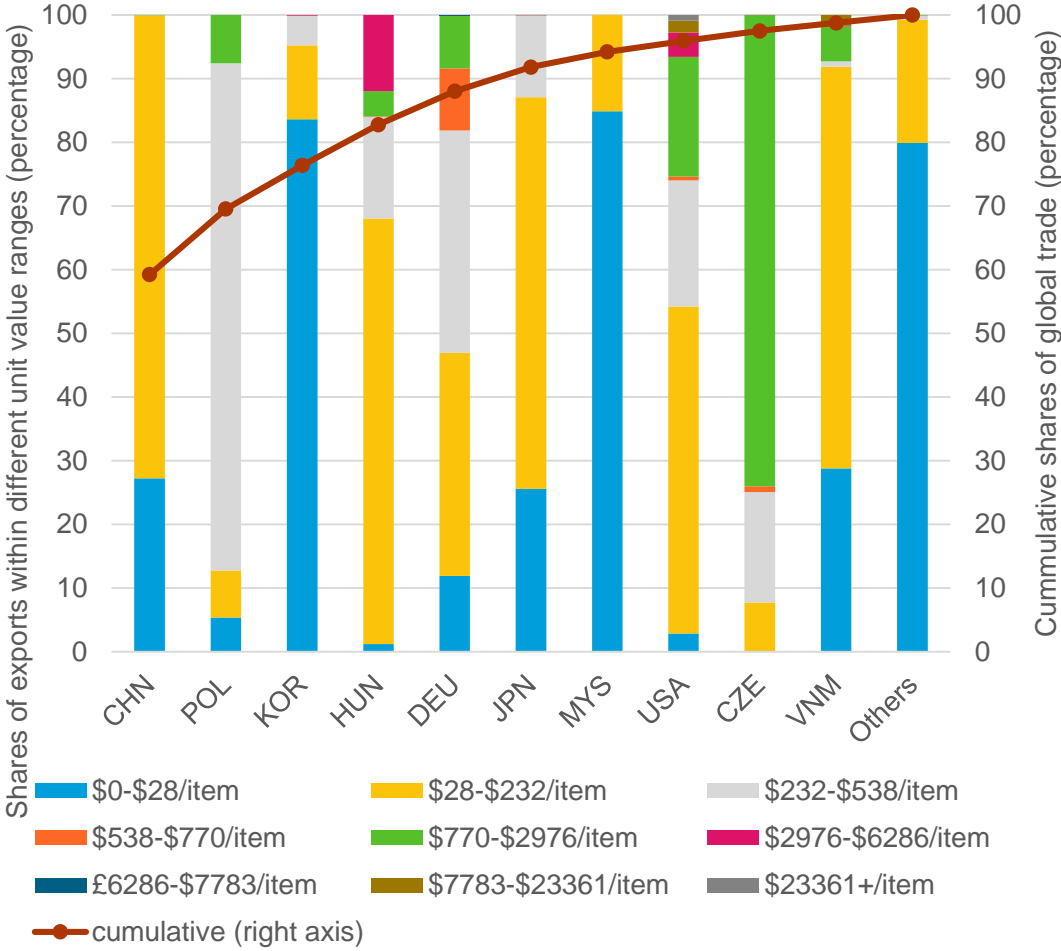
Products are traded in a wide range of values associated with different markets

Unit value of exports| Extraction and processing of Lithium | EV value chain

(282520) Lithium oxide and hydroxide



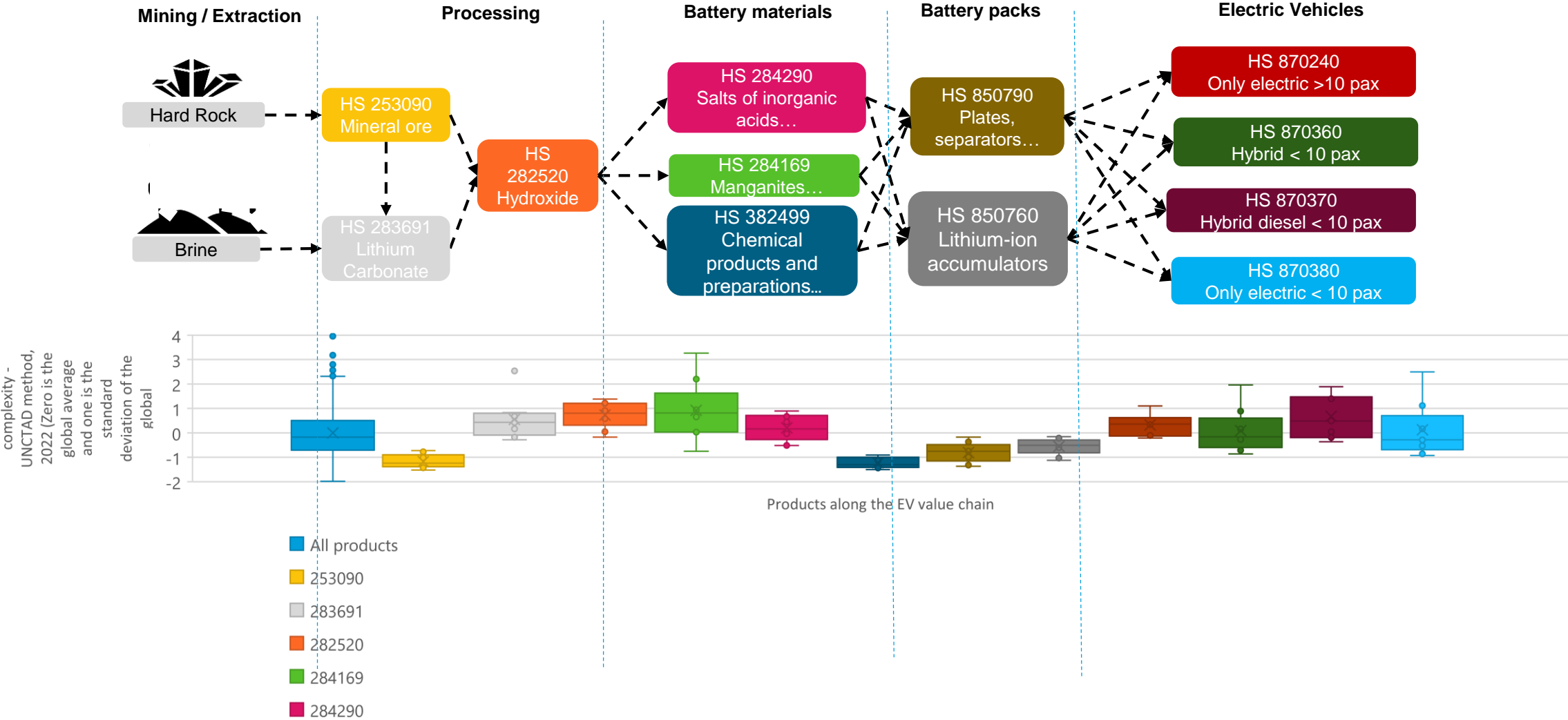
850760 - Lithium-ion accumulators (excl. spent)



Note: export value (2022)
Source: UNCTAD Secretariat based on calculations from UN Comtrade.

Some upstream products are more complex than downstream ones: Value addition requires strategic policy interventions

Product complexity (UNCTAD method) | Products traded within all unit ranges | EV value chain



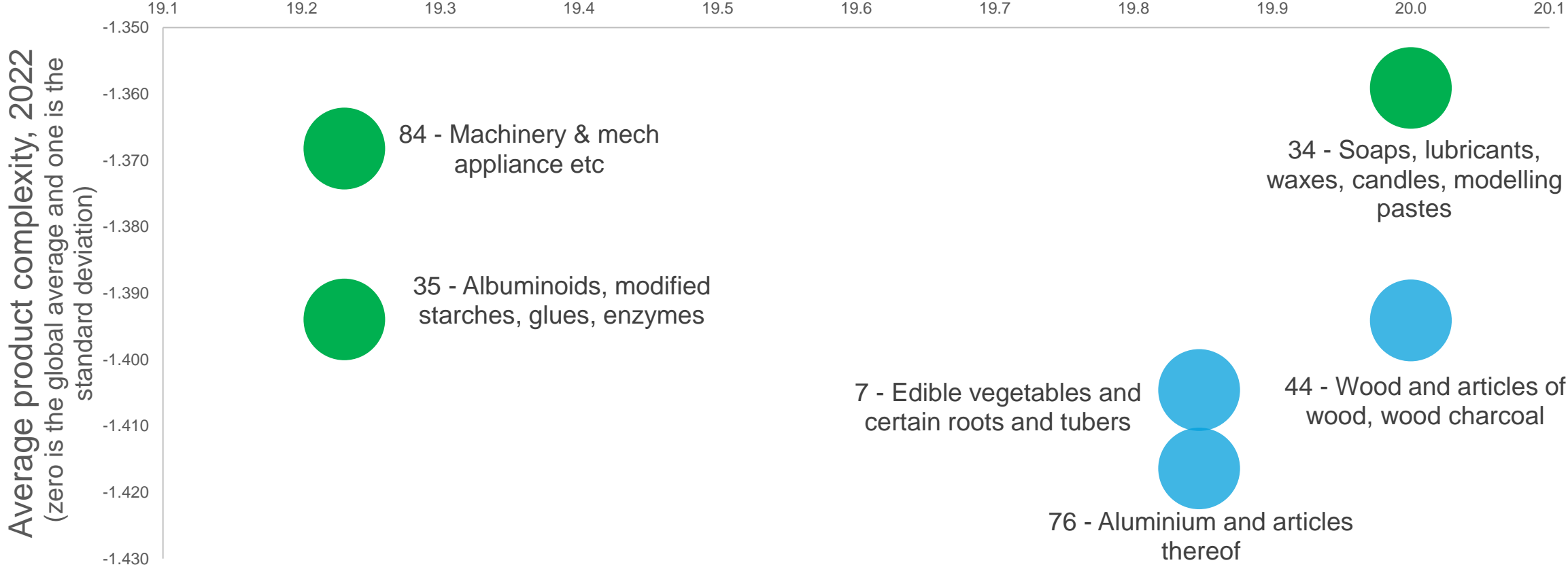
Source: UNCTAD Secretariat based on calculations from UN Comtrade.

Possibilities for diversification outside of the value chain: E.g. Machinery, glue and lubricants are potential diversifications out of lithium ore

Product complexity (UNCTAD method) | Potential new products close by in the product space

(253090HL1) Mineral substances, \$0-\$1/kg
(complexity -1.430)

Distance in the product space (index from 0 to 100)



Source: UNCTAD Secretariat based on calculations from UN Comtrade.