



GLOBAL INVENTORIES OF HALON¹

(INFORMATION RELATED TO A39-WP/36)

¹ This material is available in English only.

GLOBAL INVENTORIES OF HALON

Global Inventories of Halon 1301 by HTOC 2014 Assessment Report

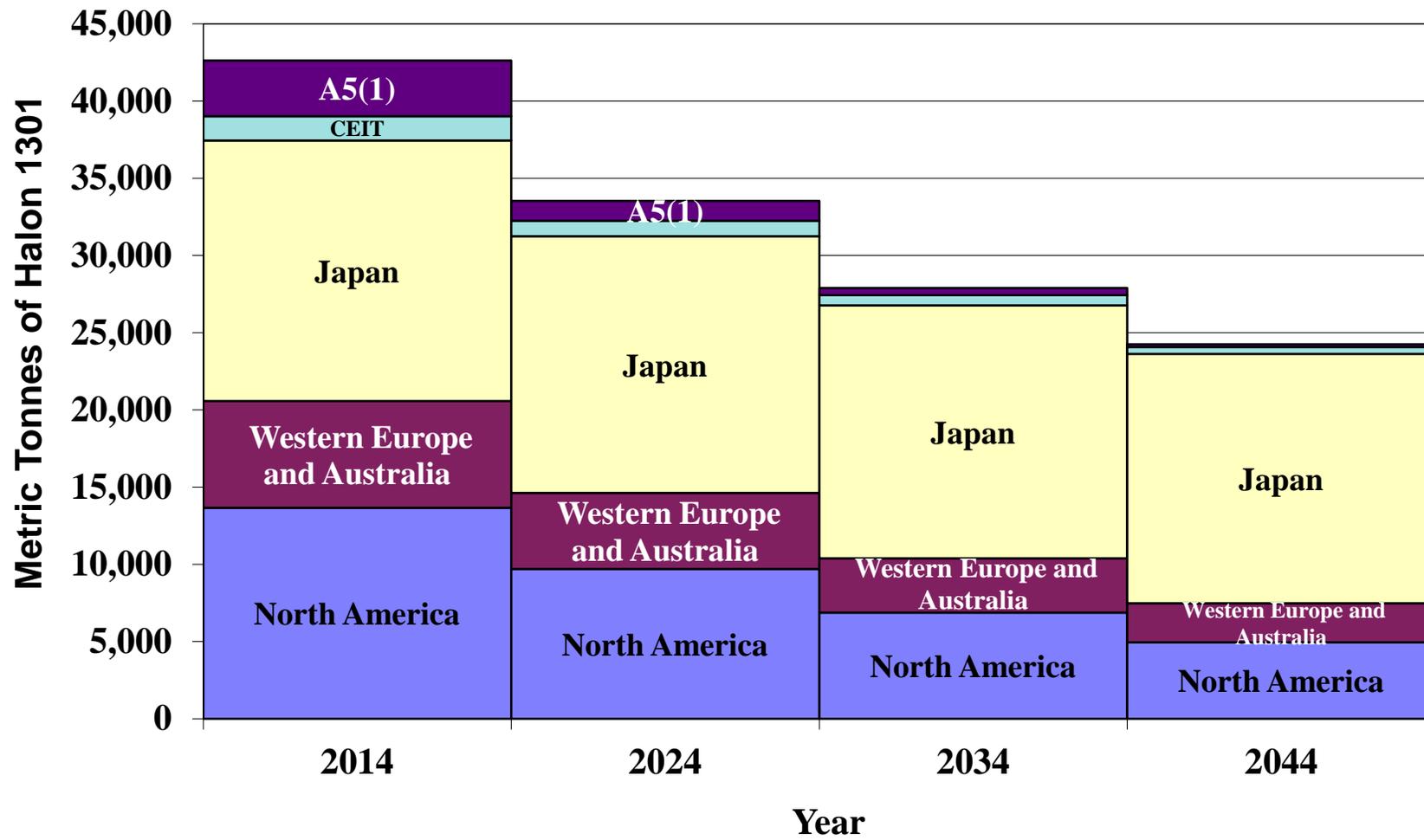


Figure 1-1: Breakout of Global Inventories (Bank) of Halon 1301 by HTOC Model Regions

Global Inventories of Halon 1211 by HTOC 2014 Assessment Report

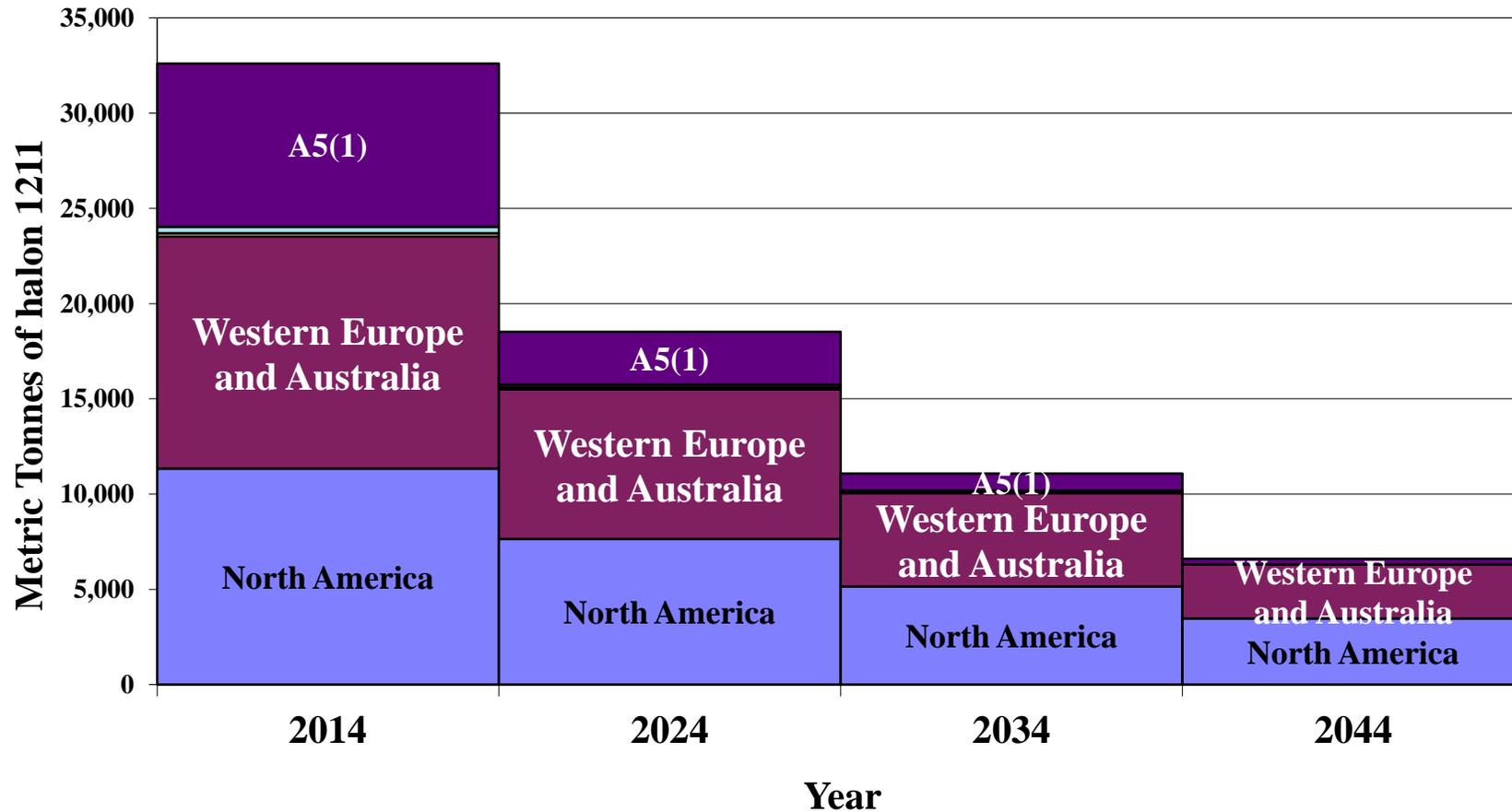


Figure 1-2: Breakout of Global Inventories (Bank) of Halon 1211 by HTOC Model Region

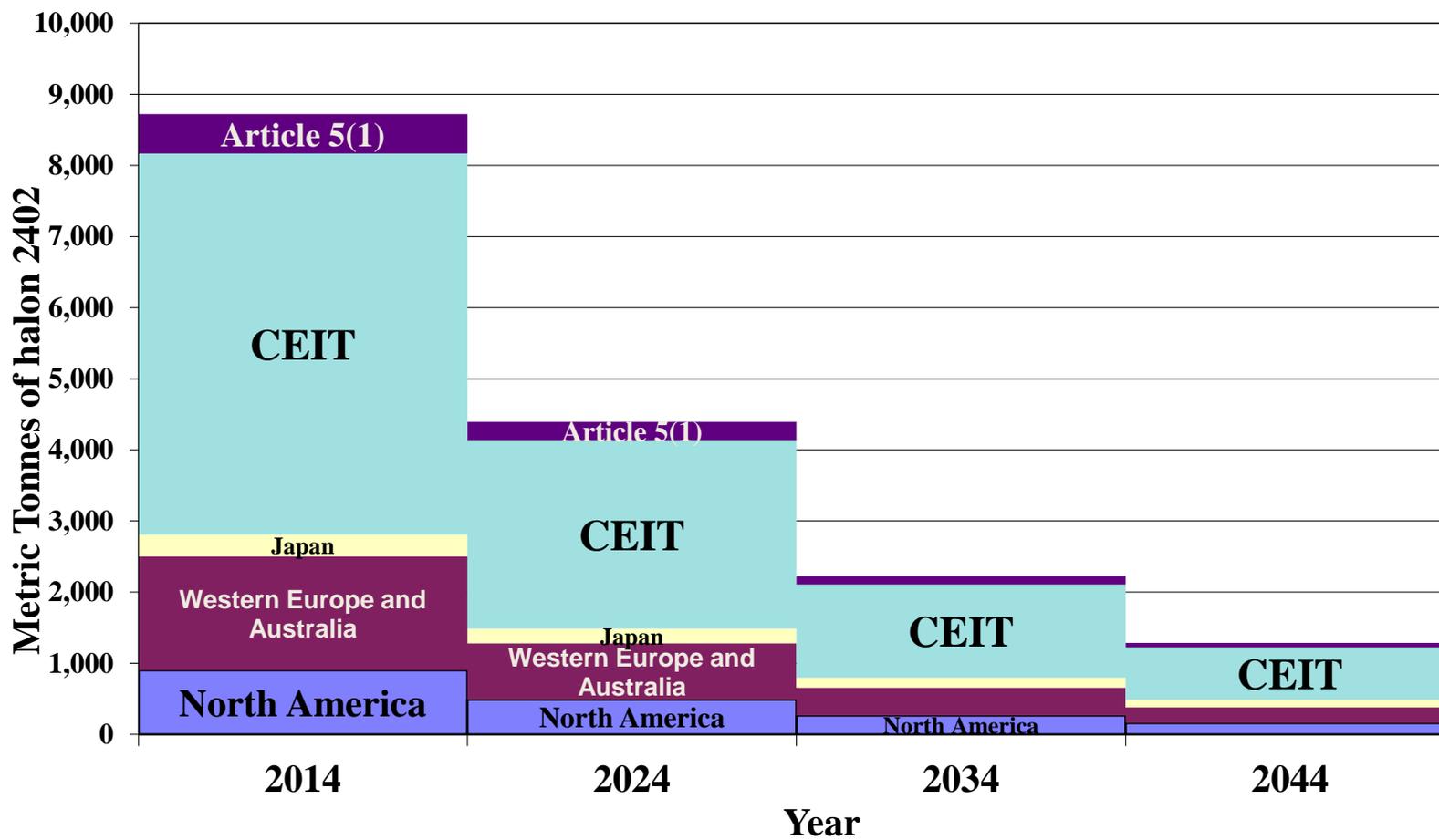


Figure 1-3: Breakout of Global Inventories (Bank) of Halon 2402 by HTOC Model Region

Note 1.— Not all Halon 1301 in global bank will be available to civil aviation

- 41,000 – 43,000 t in global bank (SAP data and HTOC model)
- Subtract what is not available to civil aviation
 - 17,000 t reserved for future use in ground-based fire protection systems in Japan
 - About 4,600 t reserved by the U.S. military for use in existing critical weapons systems
 - About 1,500 t of halon 1301 in oil facilities on the North Slope of Alaska and other places around the world
 - About 2,200 t already installed on civil aircraft rising to 6,000 t by 2050
- Leaves 14,000 – 17,000 t (33% - 40%) for civil aviation if every other gram of halon 1301 becomes dedicated to civil aviation
- Global and Civil Aviation emission rates will play an important role in how long civil aviation can be supported
 - HTOC ~3% and SAP data ~4% of bank / year
 - Anecdotal information places civil aviation closer to 5% / year

— END —