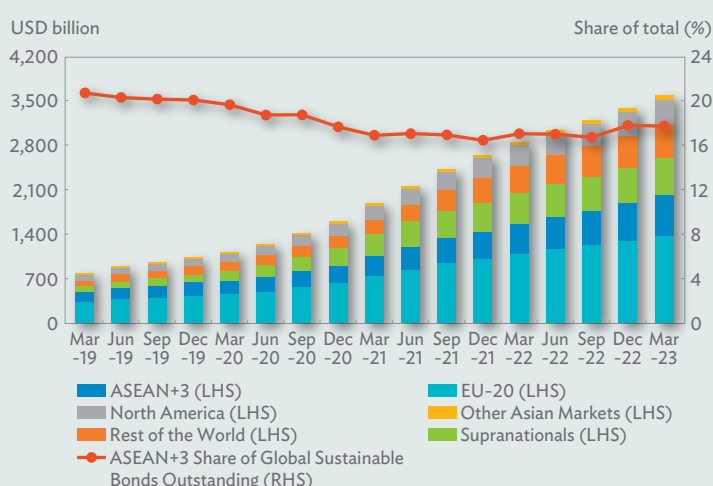
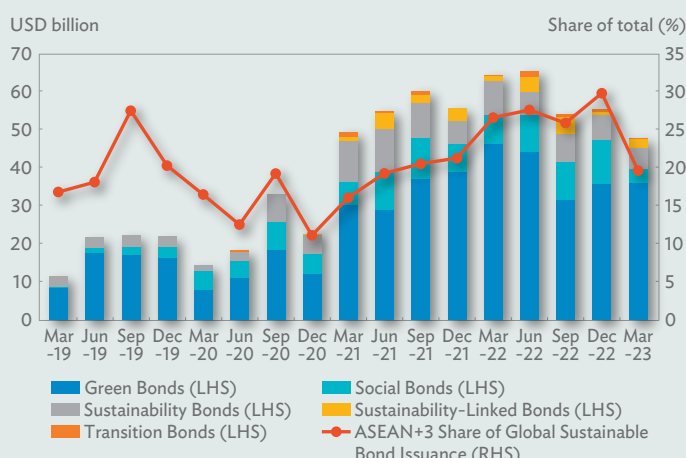


Sustainable bonds outstanding in ASEAN+3 markets reached USD633.9 billion at the end of March 2023 on q-o-q growth of 5.9%, down from 12.4% q-o-q in Q4 2022. ASEAN+3 markets accounted for 17.7% of the global sustainable bond total at the end of Q1 2023, while the EU-20 market, the world's largest sustainable bond market, accounted for 38.6%.

Global Sustainable Bonds Outstanding



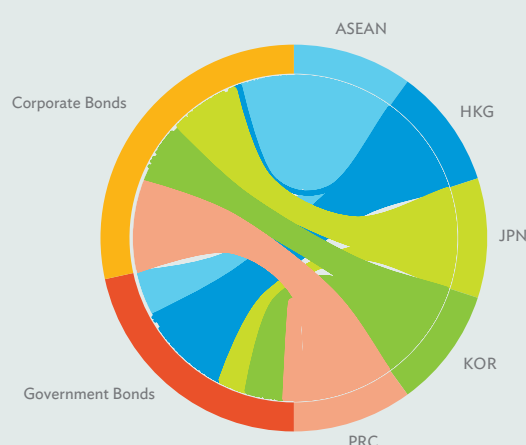
ASEAN+3 Sustainable Bond Issuance and Share of Global Sustainable Bond Issuance



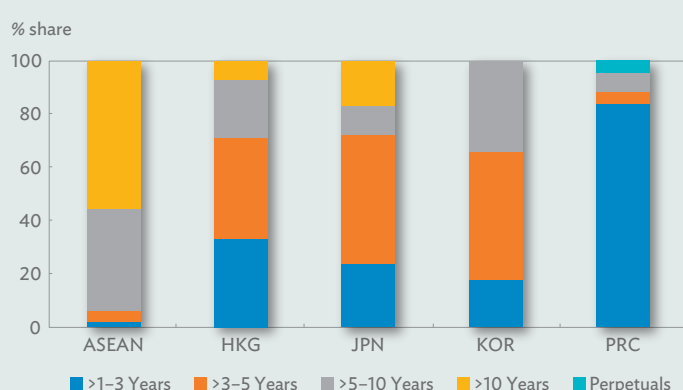
ASEAN+3 sustainable bond issuance totaled USD47.7 billion in Q1 2023 on a contraction of 13.8% q-o-q after posting 2.7% q-o-q growth in Q4 2022. Uncertainty generated by the monetary policy path of the US Federal Reserve and turmoil in the US and European banking systems contributed to a decline in ASEAN+3 sustainable bond issuance during the quarter. Accordingly, the region's share of global sustainable bond issuance declined to 19.6% in Q1 2023 from 29.8% in Q4 2022.

The private sector accounted for 67.9% of sustainable bond issuance in ASEAN+3 in Q1 2023. This was lower than the corresponding share of 76.2% in Q4 2022. The private sector's dominance in ASEAN+3 sustainable bond issuance in Q1 2023 contrasted with its 28.0% share of ASEAN+3's conventional bond issuance. In ASEAN, as a whole, the share of private sector sustainable bond issuance in Q1 2023 was 54.6%. Among ASEAN+3 markets, the Philippines (100.0%) and Hong Kong, China (93.6%) had the largest shares of public sector sustainable bond issuance in Q1 2023.

ASEAN+3 Sustainable Bond Issuance by Sector and Economy in the First Quarter of 2023



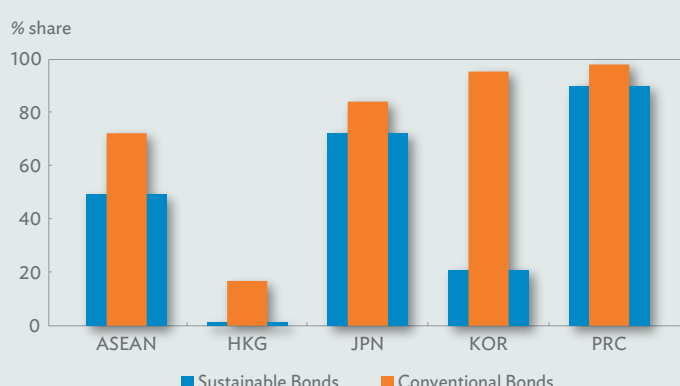
Maturity Profile of ASEAN+3 Sustainable Bond Issuance by Economy in the First Quarter of 2023



Tenors of 5 years or less, accounted for 75.0% of ASEAN+3 sustainable bond issuance in Q1 2023. The size-weighted average tenor of ASEAN+3 sustainable bond issuance in Q1 2023 was 5.8 years, which was much lower than the corresponding average tenor of 9.1 years for ASEAN+3 conventional bond issuances during the quarter. In ASEAN markets, however, 55.3% of sustainable bond issuance in Q1 2023 comprised tenors of 10 years or more.

LCY issuance accounted for 61.7% of ASEAN+3 sustainable bond issuance in Q1 2023. This was much lower than the corresponding share of 91.6% in the EU-20's sustainable bond market. This also contrasted with the LCY issuance share of 94.6% in ASEAN+3's conventional bond market, which was higher than the corresponding share of 89.8% in the EU-20's conventional bond market. This suggests there is further opportunity for ASEAN+3 to develop its LCY sustainable bond market.

Share of Local Currency Bond Issuance in ASEAN+3 Sustainable Bond and Conventional Bond Markets in the First Quarter of 2023



ASEAN+3 = Association of Southeast Asian Nations (ASEAN) plus Hong Kong, China (HKG), Japan (JPN), the Republic of Korea (KOR), and the People's Republic of China (PRC); EU = European Union; LCY = local currency; LHS = left-hand side; Q1 = first quarter; Q4 = fourth quarter; q-o-q = quarter-on-quarter; RHS = right-hand side; US = United States; USD = United States dollar.

- Notes:
1. Data for green, social, sustainability, sustainability-linked, and transition bonds include both local currency and foreign currency issues.
 2. ASEAN includes the markets of Indonesia, Malaysia, the Philippines, Singapore, Thailand, and Viet Nam.

Source: AsianBondsOnline computations based on Bloomberg LP data.