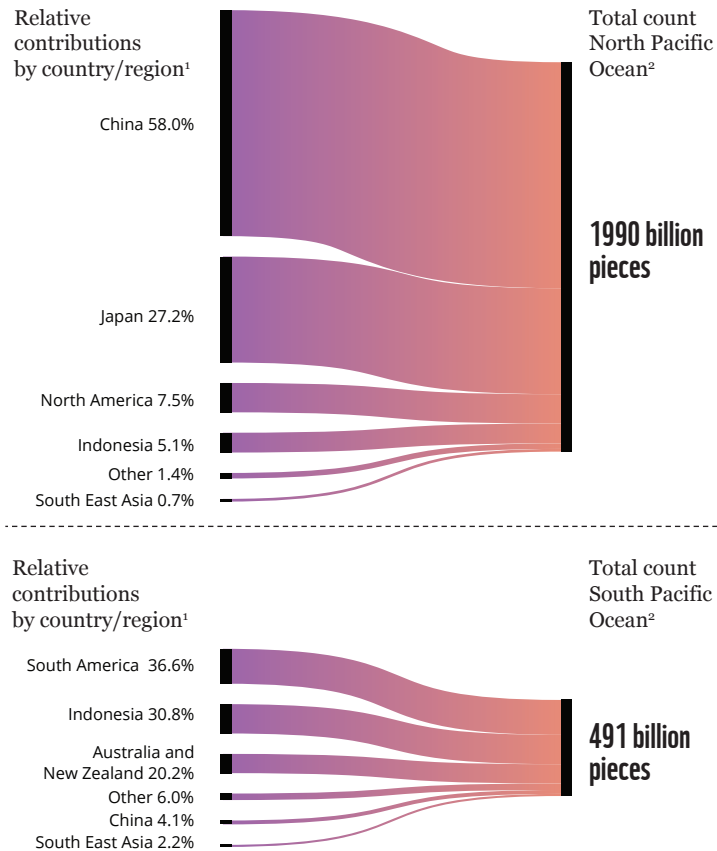




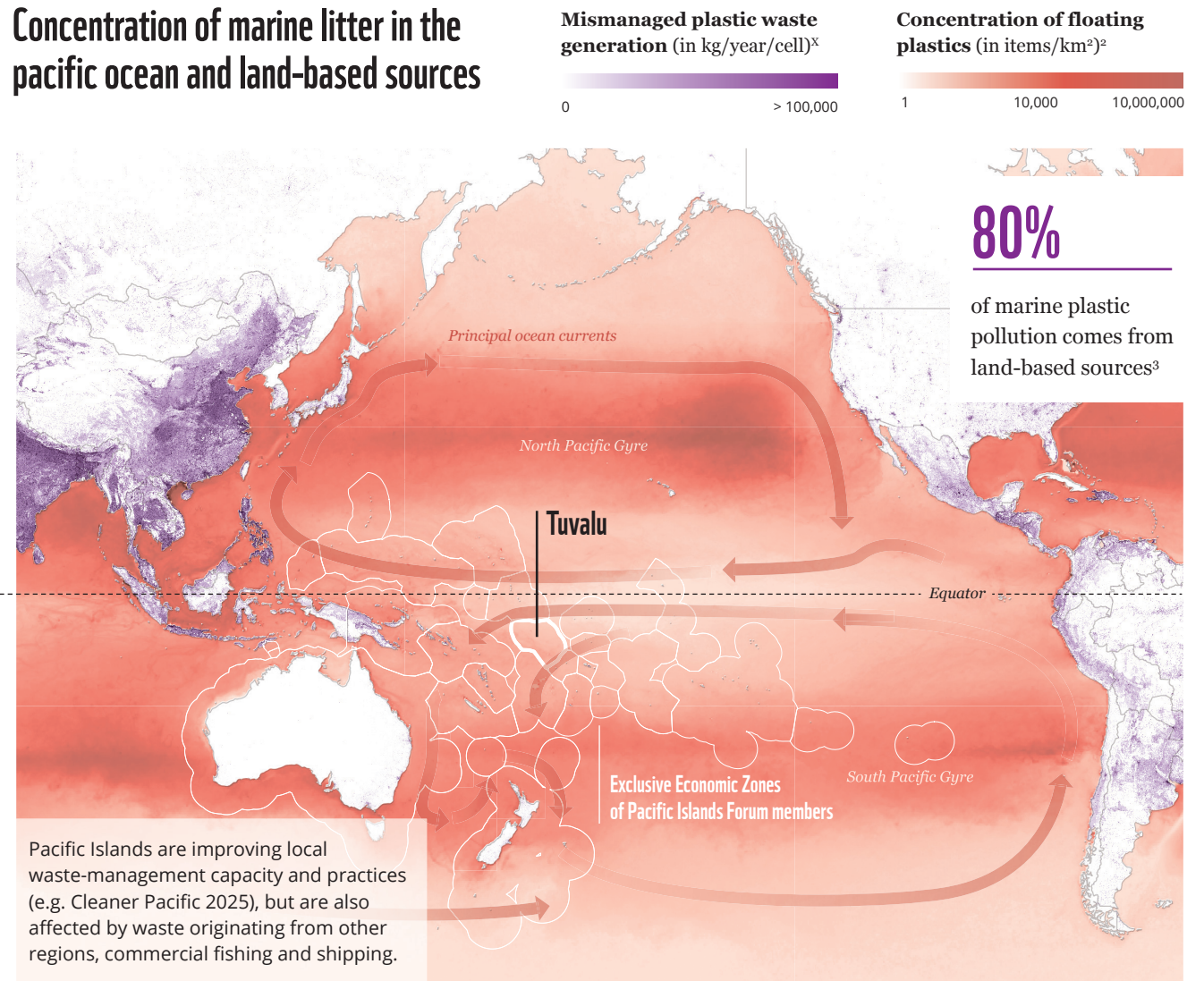
MARINE DEBRIS IN THE PACIFIC

Marine pollution is a significant threat to the Pacific region. While it has a global impact, the effects will be more strongly felt by small Pacific states with subsistence economies.

Land-based sources of floating marine debris in the Pacific Oceans



Concentration of marine litter in the Pacific Ocean and land-based sources



FOOTNOTES 1) Release scenario: coastal population density. Source: Lebreton et al. (2012) "Numerical modelling of floating debris in the world's oceans". Marine Pollution Bulletin 64(3). 2) Source: Eriksen et al. (2014) "Plastic Pollution in the World's Oceans: More than 5 Trillion Plastic Pieces Weighing over 250,000 Tons Afloat at Sea". PLoS ONE 9(12): e111913. 3) Source: Li et al. (2016) "Plastic waste in the marine environment: A review of sources, occurrence and effects". Science of The Total Environment 556-557 4) Source: marineregions.org 5) Cell: ~0.85km² at the equator, 30x30 arc seconds grid, Lebreton et al. (2019) "Future scenarios of global plastic waste generation and disposal". Palgrave Communications 5(6)