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## THE INTERNATIONAL REGULATORY FRAMEWORK OF SHIP-BREAKING, RECYCLING INDUSTRY AND DOMESTIC CHALLENGES OF PAKISTAN

Authors: Amber Zarqa<sup>1</sup>, Bukhari Zulfiqar Shah<sup>2</sup>, Kashif Imran Zaidi<sup>3</sup>

### ABSTRACT

The process of demolishing end-of-life ships is known as ship breaking and further process is taking place as recycling for either a source of parts for re-use or for the extraction of raw materials, mainly scrap. This lowers the demand for mined iron ore and reduces energy use in the steelmaking process. The ship breaking industry was on peak and No.1 sector around the world but it become down and down due to high tax rates, no proper safety measures, unavailability of proper education and training of the engaged workforce. It is estimated that around 600 to 700 ships are recycled in south Asia with the engagement of low paid labor. According to latest data released by the NGO Ship breaking Platform, 7376 ships are dismantled in 2019 from which 6944 (91%) are dismantled in South Asia. The ship breaking industry of Pakistan hosted retired ships before the independence of country and was most efficient till 70s to 80s and the Gadani port was then considered the largest ship-breaking industry in the world which employed more than 30,000 workers<sup>4</sup> but since 2012 to 2019 total 783 (11.3%) ships are dismantled on the costal yards of Pakistan. The research paper analysis the International Regulatory Framework of Ship-Breaking, Recycling Industry and Domestic Challenges of Pakistan through a comprehensive legally binding regime for regulating risks associated with ship-breaking activities in 2006 by the International Maritime Organization (IMO). Afterward, the Hong Kong Convention for the Safe and Environmentally Sound Recycling of Ships was adopted in May 2009. Formerly, the Basel Convention on the Control of Transboundary Movement of Hazardous Waste and their Disposal, 1989 (the Basel Convention) was only applicable international convention.

**Keywords:** Shipbreaking, Ship Recycling, Beaching, Hong Kong Convention, Pakistan Ship Industry.

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<sup>1</sup> Affiliated Institute: Guanghua Law School, Zhejiang University, Hangzhou, Zhejiang Province 310008, China

<sup>2</sup> School of Law, Xian Jiaotong University, China

<sup>3</sup> Affiliated Institute: Guanghua Law School, Zhejiang University, Hangzhou, Zhejiang Province 310008, China

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<https://thefinancialdaily.com/ship-breaking-important-source-steel/>