

## Bangladesh-Japan Bilateral Relations: Emerging Avenues of Cooperation

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### Abstract

*This study investigates three emerging avenues in Bangladesh-Japan bilateral relations: maritime defence technology cooperation, large-scale manpower and educational exchanges, and blue economy collaboration. Employing qualitative research through key informant interviews, literature review, and news content analysis, it finds that these sectors offer strong potential for mutual benefit and regional stability. The implications suggest greater policy alignment, development strategy refinement, and future-oriented regional integration. As Bangladesh transitions from Least Developed Country (LDC) status and Japan pursues its Free and Open Indo-Pacific (FOIP) strategy, these cooperation areas represent a paradigm shift from traditional donor-recipient dynamics to a strategic partnership based on mutual interests and complementary strengths.*

## 1. Introduction

Bangladesh and Japan have enjoyed a long-standing diplomatic relationship since 1972, evolving from post-war aid and reconstruction support to a strategic partnership and mutual development. Japan's recognition of Bangladesh in 1972 initiated a strong partnership marked by high levels of Official Development Assistance (ODA), infrastructure investments, cultural exchange, and human capital development programmes (Alam, 2022). Historically, Japanese engagement has been rooted in ODA, including large-scale infrastructure projects such as the Dhaka MRT Line-6, Matarbari Deep-Sea port, and the Bay of Bengal Industrial Growth Belt (BIG-B) initiative. However, with the shifts in regional geopolitics, Bangladesh's impending graduation from LDC status, and Japan's Indo-Pacific strategy, this partnership is evolving beyond traditional aid frameworks. The 50<sup>th</sup> anniversary of diplomatic relations in 2022 marked a new chapter of collaboration aligned with Bangladesh's Vision 2041 and Japan's FOIP strategy (Hossain, 2022). This transformation reflects both nations' recognition that their relationship must adapt to contemporary challenges and opportunities in an increasingly complex regional environment.

This paper focuses on three emerging avenues of cooperation between Japan and Bangladesh: (1) maritime defence technology collaboration in light of rising strategic competition in the Bay of Bengal; (2) manpower and educational exchange, particularly aligned with Japan's demographic needs and Bangladesh's human capital goals; and (3) blue economy cooperation through sustainable investment in maritime, aquaculture, and logistics sectors. Each area is examined through triangulated data from empirical academic literature, four anonymous key informant interviews (KIIs), and credible news content analysis. The following sections first present the background and literature review, contextualising Japan-Bangladesh relations within these emerging cooperation domains. This is followed by details of the research methodology, including the qualitative approach and data triangulation strategy, and key findings from the three cooperation areas based on primary and secondary data. The findings are then discussed within the context of policy implications and the significance for bilateral relations. Finally, certain limitations and further future implications are highlighted from the process.

## 2. Literature Review

### *2.1 Historical Context of Bangladesh-Japan Relations*

The Bangladesh-Japan relationship has transitioned from a donor-recipient model to one of the most successful strategic partnerships, particularly since Japan designated Bangladesh as a partner under the Bay of Bengal Industrial Growth Belt (BIG-B) initiative. Over the past five decades, Japan has become one of Bangladesh's most significant development partners, contributing extensively through ODA that reached US\$1.83 billion in 2020, making it the largest bilateral donor (Kabir, 2021). This relationship has been characterised by mutual trust, cultural affinity, and shared development objectives. The partnership has been deeply rooted in infrastructure development, with Japanese investments totalling over US\$15 billion since 1973 (Centre for Policy Dialogue, 2019). Major projects include the Jamuna Bridge, improvements to the Dhaka-Chittagong Highway, and, more recently, the Matarbari Deep-Sea Port and Coal-Fired Power Plant project, valued at US\$3.6 billion. These investments reflect

Japan's long-term commitment to Bangladesh's economic transformation and regional connectivity.

Nevertheless, recent scholarship suggests that this relationship now needs to incorporate other vital sectors to remain future-relevant in an evolving geopolitical landscape (Alam et al., 2022; Hossain, 2022). The shift has been further shaped by Japan's FOIP strategy, launched in 2016, and its interests in South Asia as a counterweight to Chinese influence under the Belt and Road Initiative (BRI).

## ***2.2 Maritime Security and Defence Cooperation***

Japan's strategic ambitions in the Indo-Pacific have led it to partner with nations such as Bangladesh in enhancing maritime security. The Bay of Bengal has emerged as a critical maritime corridor, with over 50% of global container traffic and 70% of petroleum products transiting through the region (Jain, 2003). Islam and Rahman's (2022) analysis highlights how Bangladesh's strategic location, connecting South Asia, Southeast Asia, and the Indo-Pacific, and unresolved maritime vulnerabilities creates a compelling case for international cooperation. Given the heavy naval presence in the Bay of Bengal and competition among regional powers such as India and China, the FOIP strategy positions Japan as arguably the most neutral yet capable partner. Literature further supports the idea that Japan's non-coercive military support, such as the provision of maritime surveillance infrastructure, technical assistance, and capacity building initiatives, is especially aligned with Bangladesh's policy of balanced diplomacy. Japan's recent relaxation of arms export restrictions under the Three Principles on Transfer of Defence Equipment and Technology in 2014 has opened new avenues for defence cooperation (Horimoto, 2011). It is further shown that what sets Japan apart from traditional arms suppliers is their emphasis and prioritisation of capacity building, technology transfer, and cooperative development rather than mere equipment sales. This approach aligns with Bangladesh's preference for diversifying defence partnerships whilst maintaining its non-aligned foreign policy stance. The maritime sector presents particular opportunities given Japan's advanced capabilities in maritime awareness, underwater surveillance, and coastal monitoring systems.

## ***2.3 Manpower and Educational Exchange***

Bangladesh possesses significant potential for demographic dividend with one of the youngest populations in Asia, with 47% of its population under 25 years of age, while Japan faces demographic decline with 28% of its population over 65 (Coulmas, 2007). This demographic complementarity creates natural opportunities for labour cooperation. Japan's labour shortage is particularly acute in caregiving, construction, manufacturing, and technical services, sectors where Bangladesh has demonstrated competence. The literature reviewed, including Alam et al. (2022) and studies on skills development, highlights Japan's increasing openness to foreign workers through programmes such as the Technical Intern Training Program (TITP) and the newer Specified Skilled Worker (SSW) visa system launched in 2019. Bangladesh's National Skills Development Policy seeks to internationalise its labour force and increase remittance earnings, which totalled US\$21.03 billion in 2021 (Bangladesh Bank, 2022). However, bureaucratic limitations hinder full utilisation of Japanese training and internship programmes, consequently hindering Bangladesh's skill development and human capital enhancement goals. Chowdhury (2008) notes that whilst Japan offers numerous government scholarships through programmes such as MEXT (Ministry of

Education, Culture, Sports, Science and Technology) and JDS (Japan Development Scholarship), these remain underutilised due to lack of awareness and weak institutional coordination between the two countries. Academic exchange represents another underdeveloped area with significant potential. Although several Japanese government scholarships and initiatives like SATREPS (Science and Technology Research Partnership for Sustainable Development) exist, uptake remains limited. The establishment of Japanese Studies programmes in Bangladeshi universities and Bangla language courses in Japanese institutions demonstrates growing mutual interest in deeper educational collaboration (Alam, 2022).

Recent developments show promise, with Japan expanding its SSW programme to include 12 sectors and planning to accommodate up to 345,000 foreign workers by 2024 (Reuters, 2023). This expansion creates substantial opportunities for Bangladeshi workers, particularly in sectors such as nursing care, construction, and manufacturing. Furthermore, the underutilisation of these opportunities as a barrier has arguably significant chances of shrinking with simply increasing awareness building as a first step, to make these opportunities accessible to the right cohort. This will be further evident following the findings and discussion sections in this paper.

## ***2.4 Blue Economy Cooperation***

The concept of the blue economy, sustainable use of ocean resources for economic growth, improved livelihoods, and ocean ecosystem health, has become critical since Bangladesh's resolution of maritime boundaries with India (2014) and Myanmar (2012). These settlements granted Bangladesh sovereign rights over 118,813 square kilometres of territorial waters and 200 nautical miles of an Exclusive Economic Zone, opening vast opportunities for marine resource exploitation, which over a decade later remains highly underutilised.

Japan has already contributed to this area through the Matarbari Port development project, which includes a coal power plant and LNG terminal, representing Japan's largest single investment in Bangladesh at US\$3.6 billion (JICA, 2014). However, the literature shows a gap in framing these efforts under a unified and specific blue economy framework. Japanese investments in coastal logistics, marine infrastructure, and energy cooperation remain fragmented, requiring stronger strategic coordination. The blue economy encompasses fisheries, aquaculture, marine renewable energy, coastal tourism, maritime transport, and marine biotechnology. Bangladesh's Blue Economy Policy, adopted in 2019, aims to contribute 15% to GDP by 2041 through the sustainable use of marine resources. Japan's technological expertise in these areas, combined with its commitment to environmental sustainability and the UN Sustainable Development Goals (SDGs), creates natural synergies. Japanese companies have shown particular interest in marine renewable energy, with feasibility studies conducted by JICA for offshore wind and tidal energy projects (JICA, 2014). Additionally, The Japan External Trade Organization (JETRO) database lists several joint ventures in desalination technology, green shipping, and sustainable aquaculture, indicating growing private sector interest.

## 2.5 Literature Gap and Research Contribution

Existing literature on Bangladesh-Japan relations predominantly focuses on traditional development cooperation, infrastructure investment, and diplomatic history. Recent scholarly work has begun exploring strategic dimensions, but systematic analysis of emerging cooperation areas remains limited, especially in addressing the subjective and rapidly changing political and climactic realities in Bangladesh. This study addresses this gap by examining three forward-looking sectors that reflect both countries' evolving priorities and regional strategic agendas. The literature used in this research affirms the relevance and strategic potential of maritime security, human capital exchange, and blue economy cooperation. However, underutilisation of opportunities, administrative hurdles, and absence of coordinated frameworks are recurring themes that require policy and/or good governance attention. This research contributes by providing evidence-based analysis of these challenges and opportunities through stakeholder perspectives and contemporary developments.

## 3. Methodology

This study employed a qualitative methodology combining three data sources to ensure both depth and reliability: (i) review of academic literature and secondary sources, (ii) news content analysis from reputable sources, and (iii) key informant interviews (KIIs). This triangulated approach allowed for comprehensive analysis of complex and evolving cooperation dynamics while maintaining methodological soundness.

### 3.1 Source selection and review

The literature review consists of peer-reviewed academic journal articles, government publications, policy documents, and reports from international organisations. Sources were selected based on relevance to Bangladesh-Japan relations, maritime security cooperation, labour migration, and blue economy development. This scope provides a foundation for understanding emerging areas of cooperation between Japan and Bangladesh. Focusing on Bangladesh's perspective creates space for future studies to examine Japan's strategic interests, policy decisions, and domestic processes that influence bilateral cooperation, as well as comparative study of both perspectives. Identifying three main cooperation areas in this study offers an initial overview that opens up exploration of other emerging fields. Future research could look into developing sectors such as climate adaptation technologies, digital innovation partnerships, and reflecting how modern bilateral relations continue to evolve globally.

### 3.2 Key Informant Interviews Four KIIs were conducted with experts representing different stakeholder perspectives:

**KII-1:** A policy analyst and expert on international development and migration, with over 15 years of experience in South Asian development policy

**KII-2:** A business industry leader involved in Bangladesh-Japan investment relations, representing private sector perspectives on bilateral trade

**KII-3:** An academic administrator involved in undergraduate-level educational and cultural exchange programmes between Bangladesh and Japan

**KII-4:** A defence and maritime security analyst with expertise in Indo-Pacific strategic affairs and regional security dynamics

All interviews were conducted under conditions of anonymity to ensure candid responses and protect participant confidentiality. Semi-structured interview guides were developed for each stakeholder category, focusing on their respective areas of expertise whilst exploring cross-cutting themes. The questions asked during the interview were largely open-ended to ensure a holistic coverage of the content being discussed. Interviews were conducted in English, recorded with consent, and subsequently transcribed and coded thematically.

### ***3.3 News Content Analysis***

News analysis was drawn from reputed international and regional sources and official government publications. Content was selected based on relevance to the research themes and publication to capture contemporary developments. This analysis captured ongoing trends such as new investment agreements, policy shifts, demographic changes, and strategic developments affecting bilateral cooperation.

### ***3.4 Data Analysis and Triangulation***

Data from all three sources were analysed thematically using qualitative content analysis techniques. Triangulation involved comparing findings across sources to identify converging themes, contradictory evidence, and emerging patterns. This approach ensured reliability whilst acknowledging the subjective nature of stakeholder perspectives and the dynamic nature of bilateral relations. This process proves to be particularly appropriate for this policy-oriented topic given its multi-dimensional nature involving security, economic, educational, and strategic considerations. The combination of academic, practical, and media-based insights provides a nuanced understanding suitable for policy recommendations and broader understanding of these changing dynamics between Bangladesh and Japan.

## **4. Results**

### ***4.1 Maritime Defence Technology Cooperation***

Maritime security cooperation emerged as a domain with significant strategic potential, driven by evolving regional dynamics and both countries' strategic interests. The defence and maritime security analyst (KII-4) emphasised Bangladesh's urgent need to strengthen maritime capabilities, noting that the objective should not be match neighbours' firepower, so as to avoid fears of threat amongst neighbours, but achieving minimum strategic readiness and relatively credible measures of safeguarding. KII-4 further argued that Bangladesh should prioritise maritime domain awareness and defensive systems over offensive capabilities. Japan's advanced technology, transparent defence cooperation, and non-aggressive military doctrine align well with Bangladesh's non-aligned foreign policy approach. Building upon Bangladesh's existing procurement of Japanese radar systems, the defence resource trade framework should expand to include advanced maritime surveillance equipment, coastal

defence systems, naval communication technologies, and possibly warships to enhance Bangladesh's maritime defence strategy and measures.

The analysis revealed several factors supporting Japan as a maritime cooperation partner. Unlike traditional arms suppliers such as China or France, Japan's approach emphasises technology transfer, capacity building, and cooperative development. Japan's recent relaxation of defence export restrictions under the Three Principles on Transfer of Defence Equipment and Technology creates new opportunities for collaborative projects rather than simple procurement. Literature and news analysis support these insights, showing Japan's successful maritime partnerships with Philippines, Vietnam, and India within the FOIP framework (Hossain, 2022). Reports indicate Japan's willingness to support coast guard capabilities, maritime domain awareness systems, and underwater resource mapping (Nikkei Asia, 2023). More specifically, Japanese technology could enhance Bangladesh's capabilities in several key areas. Firstly, Maritime surveillance would benefit from advanced radar systems and satellite technology for monitoring the Bay of Bengal, while coast guard enhancement could include patrol vessels, communication systems, and comprehensive training programmes. Secondly, hydrographic surveys utilizing underwater mapping technology would serve dual purposes of security monitoring and resource exploration. Finally, disaster response capabilities could be strengthened through improved maritime rescue systems and enhanced coordination mechanisms.

Japan has indicated clear interest in the above-mentioned cohorts. The strategic rationale extends beyond bilateral cooperation to encompass regional stability. As KII-4 argues, Japan's engagement with Bangladesh's maritime security serves wider regional interests by strengthening rules-based maritime order and preventing dominance of critical sea lanes by any single power. This is further supported by the fact that news analysis reveals Japan's increasing concern about maintaining free navigation in the Bay of Bengal, particularly given China's growing naval presence and the strategic importance of sea lanes connecting East Asia with the Middle East and Europe. This creates natural convergence with Bangladesh's interests in securing its maritime domain and protecting vital economic zones and the resources within it.

#### ***4.2 Large-Scale Manpower and Educational Exchange***

Human capital cooperation represents perhaps the most immediately actionable area of bilateral cooperation, driven by complementary demographic trends and economic needs. The policy expert (KII-1) outlined how Japan's skilled labour shortage creates significant opportunities for Bangladesh, while highlighting regulatory and institutional challenges that currently limit the effectiveness of cooperation. KII-1 further observed that Japan's demographic crisis is creating labour shortages that automation cannot fully address. Bangladesh possesses the necessary human resources, but requires better alignment between its skills development systems and Japanese market requirements. They provided concrete examples of successful educational exchange, describing cases where Bangladeshi undergraduates completed semesters at Japanese universities, earning credits transferable to their home institutions. These experiences enhanced academic growth while developing cross-cultural competencies valuable in Bangladesh's increasingly internationalised economy. KII-1 finally explained that the students returned with improved language skills, cultural understanding, and analytical capabilities that made them highly sought after by employers in Bangladesh, both local and international. This demonstrates the transformative potential of well-

designed exchange programmes that benefit both nations' strategic interests. However, significant underutilisation persists across educational and labour exchange programmes. News analysis reveals that whilst Japan expanded its Specified Skilled Worker (SSW) programme to accommodate up to 345,000 foreign workers by 2024, Bangladeshi participation remains limited compared to countries such as Vietnam and Philippines (Reuters, 2023). As of May 2025, Japan has promised to recruit an additional 100,000 workers within the next five years (The Business Standard, 2025).

Nevertheless, between Bangladesh and Japan's collaboration, two pressing barriers still persist. First, institutional challenges that hinder effective partnership. Limited coordination between Bangladeshi and Japanese educational institutions, combined with weak people-to-people connectivity, contributes to a lack of awareness about available opportunities. This is further complicated by the absence of mutual recognition agreements for professional qualifications and insufficient Japanese language training infrastructure within Bangladesh. This is further exacerbated by complex bureaucratic procedures for visa processing and credential verification create additional barriers to smooth institutional cooperation.

Secondly, significant skills gaps exist between what Bangladesh offers and what Japan requires. There is a notable disconnection between Bangladesh's technical education curricula and Japanese industry standards, while limited awareness of Japanese work culture and business practices is further exacerbated by the lack of people-to-people connections. Moreover, inadequate preparation exists for sectors experiencing high demand, such as elderly care and construction, creating misalignment between available skills and market needs. The trade industry expert (KII-2) echoed these concerns from an industry perspective, stating that Japanese companies operating in Bangladesh often struggle to find local workers trained to Japanese technical standards, resulting in continued reliance on expatriate personnel. Recent developments show promise for addressing these challenges. Japan's Ministry of Health, Labour and Welfare announced plans to simplify visa procedures and expand language support for foreign workers, whilst Bangladesh's Ministry of Expatriates' Welfare and Overseas Employment has initiated discussions with Japanese authorities about streamlining recruitment processes. Educational exchange opportunities extend beyond labour migration to include academic partnerships, research collaboration, and cultural exchange. The establishment of Japanese Studies programmes in universities such as Dhaka University, North South University and Independent University, Bangladesh demonstrates growing institutional commitment, whilst initiatives such as SATREPS provide platforms for scientific cooperation.

#### ***4.3 Blue Economy Cooperation***

Blue economy cooperation emerged as a domain with both immediate practical applications and long-term strategic significance. KII-2 referenced current Japanese investments in aquaculture, port logistics, and energy infrastructure as early examples of blue economy collaboration, emphasising Japan's sustainable and community-focused approach. It is further observed that Japanese companies bring environmental consciousness and long-term thinking alongside capital investment. Their approach to coastal development prioritises sustainability and local engagement, making them preferable partners compared to others who offer quick capital with fewer safeguards. Current Japanese involvement in Bangladesh's blue economy spans multiple strategic sectors. Firstly, Port and Logistics Development represent a

major area of investment, highlighted by the substantial Matarbari Port project worth US\$3.6 billion, which encompasses a deep-sea port, coal power plant, and LNG terminal. This is complemented by modernisation studies for Mongla Port with potential expansion plans, alongside the development of coastal road networks that connect these ports to industrial zones. Secondly, Marine Energy Projects constitute another significant component of Japanese engagement, involving feasibility studies for offshore wind energy development in the Bay of Bengal. These initiatives are supported by LNG terminal development and distribution infrastructure, as well as solar power installations strategically placed in coastal areas to harness renewable energy potential. Thirdly, in the realm of Sustainable Fisheries and Aquaculture, Japanese involvement focuses on technology transfer for shrimp farming and processing, fostering marine biotechnology research partnerships, and promoting sustainable fishing practices through advanced equipment and methodologies. Finally, Environmental Protection efforts round out Japan's comprehensive approach, encompassing coastal zone management and climate adaptation projects designed to address environmental challenges. These initiatives include marine pollution monitoring and prevention systems, alongside mangrove restoration and coastal protection initiatives that safeguard Bangladesh's vulnerable coastal ecosystems.

The JETRO (2021) database further reveals increasing joint ventures in desalination technology, green shipping, and marine renewable energy, indicating growing private sector interest in Bangladesh's blue economy potential. However, coordination challenges persist due to the absence of a unified institutional framework. Nevertheless, KII-2 urged the importance of keeping in mind that projects such as Matarbari raise certain concerns over the infrastructural capacity of the surrounding area, and Cox's Bazar in general, and its ability to support the movement of large-scale goods, shipping containers and heavy-duty vehicles and machinery. The routes connecting Matarbari with the city centre are limited to only marine drive, which is prone to accidents and exposed to coastal climate risks or flooding, followed by the vehicles being bottlenecked through the already rapidly over-crowded city centre. This raises concerns for the inhabitants of the city and efficiency and accessibility of the location as a whole. Increased efficiency would require massive infrastructural development that could facilitate the changes brought by the Matarbari project, projected to be completed by 2029.

Additionally, KII-4 highlighted the critical security dimensions of blue economy development, emphasising that maritime economic activities require much stronger security infrastructure to ensure sustainable growth. They explained that blue economy expansion must progress alongside comprehensive maritime security enhancement, as economic activities in marine environments face unique vulnerabilities. They further noted that Japan's holistic approach effectively addresses both economic opportunities and security requirements simultaneously. This integrated methodology ensures that blue economy initiatives are built upon secure foundations, enabling long-term sustainability whilst protecting investments and maritime assets. Japanese partnerships offer comprehensive solutions that combine economic development with strategic security considerations, creating a framework that supports both immediate commercial interests and broader regional stability objectives. Moreover, the Ocean Policy Research Institute in Japan has identified Bangladesh as a priority partner for blue economy cooperation within the FOIP framework. It is, however, still important to point out that institutional gaps limit cooperation effectiveness. The lack of a central coordinating body in Bangladesh to handle blue economy partnerships was mentioned by multiple respondents as a significant bottleneck. Bangladesh's Blue Economy Policy framework

exists but requires stronger institutional mechanisms for implementation and international cooperation.

## 5. Discussion and Policy Implications

The findings underscore the strategic potential of deepening Bangladesh-Japan cooperation in maritime security, human capital, and blue economy sectors. These areas represent a natural evolution from traditional aid-based cooperation to strategic partnership based on mutual interests and complementary capabilities. This section discusses the prospects and implications within the cohorts of the three new avenues of cooperation identified throughout this study.

### *5.1 Maritime Defence Cooperation: Strategic Imperatives*

Maritime defence cooperation requires Bangladesh to adopt a more proactive naval strategy focused on deterrence and domain awareness rather than traditional power projection. Japan's technical credibility, history of non-aggression, and commitment to rules-based maritime order make it an ideal partner for this transformation. Bangladesh should develop a comprehensive Maritime Security Strategy that identifies priority areas for international cooperation whilst establishing transparent defence procurement procedures that facilitate technology transfer arrangements. The country needs to create institutional mechanisms for joint training and capacity building programmes alongside initiating confidence-building measures such as joint coast guard exercises and oceanographic research. Additionally, more research needs to focus on maritime strategy of Bangladesh as a whole.

### *5.2 Bilateral Cooperation Framework:*

Building upon Bangladesh's existing procurement of Japanese radar systems, the defence resource trade framework should expand to include advanced maritime surveillance equipment, coastal defence systems, naval communication technologies, and possibly warships that align with Bangladesh's maritime security and defence strategy enhancement. Japan's defence exports offer distinct advantages over traditional suppliers such as China, France, or Turkey through its commitment to technology transfer without political conditionality, competitive financing arrangements, and emphasis on capacity building rather than mere equipment sales. Japanese defence technology partnerships prioritise long-term strategic relationships and training exchanges for naval and coast guard personnel whilst establishing joint research initiatives on maritime domain awareness and environmental monitoring, creating sustainable defence capabilities rather than dependency relationships. The strategic significance extends beyond bilateral relations to regional stability. Enhanced Bangladesh maritime capabilities through Japanese defence partnerships contribute to collective security in the Bay of Bengal whilst Japan gains a reliable partner for maintaining free navigation and rules-based maritime order.

### *5.3 Human Capital Exchange: Institutional Transformation*

Human capital exchange requires immediate institutional reforms to realise its significant potential. The demographic complementarity between Bangladesh's youth surplus and Japan's

ageing population creates natural synergies that current institutional frameworks fail to exploit effectively. Bangladesh must harmonise skills certification systems with Japanese standards through mutual recognition agreements, whilst establishing Japanese language training centres in major cities and technical education institutions. The country should develop comprehensive pre-departure orientation programmes covering cultural adaptation and labour rights, complemented by returnee reintegration schemes that utilise skills acquired in Japan for domestic development.

#### ***5.4 Educational Cooperation Framework:***

The framework should expand university partnership agreements for student and faculty exchange, whilst establishing joint degree programmes in priority sectors such as engineering, technology, and management. Creating research collaboration platforms linking Bangladeshi and Japanese institutions alongside developing scholarship programmes that address both countries' priority development areas would strengthen this cooperation. KII-2 interviewed emphasised that successful cooperation requires private sector engagement alongside government initiatives, noting that companies must be involved from the planning stage to ensure that training programmes meet actual market needs.

#### ***5.5 Blue Economy Cooperation: Sustainable Development Model***

Blue economy cooperation necessitates a clear inter-ministerial strategy that coordinates environmental protection, economic development, and security considerations. Japan's clean technology investments align well with Bangladesh's SDG commitments and climate vulnerability needs whilst offering commercially viable cooperation opportunities. Bangladesh could benefit from establishing a Blue Economy Development Authority to coordinate international cooperation whilst developing comprehensive marine spatial planning that identifies priority areas for development. The country needs to strengthen environmental impact assessment procedures for marine projects and create public-private partnership frameworks that attract sustainable investment.

#### ***5.6 Joint Cooperation Mechanisms:***

Establishing a Bangladesh-Japan Blue Economy Task Force with government and private sector representation would coordinate efforts alongside developing joint research programmes on marine renewable energy and sustainable fisheries. Creating investment facilitation mechanisms that streamline project approvals and establishing knowledge-sharing platforms for best practices in sustainable marine development would enhance cooperation effectiveness. The policy analyst highlighted the importance of ensuring that blue economy development benefits coastal communities, emphasising that technology transfer and investment must include capacity building for local communities to prevent marginalisation.

#### ***5.7 Regional and Strategic Implications***

These cooperation areas carry significant implications beyond bilateral relations. They demonstrate how middle powers such as Bangladesh and Japan can develop strategic partnerships that enhance regional stability whilst advancing national interests. The cooperation framework offers diversified security partnerships that reduce dependence on major powers whilst enhancing maritime

domain awareness that benefits regional navigation. It provides sustainable development models that address climate change and environmental degradation alongside people-to-people connections that strengthen regional integration. The cooperation areas reflect a fundamental shift from donor-recipient dynamics to strategic partnership based on mutual benefit and shared responsibilities. This evolution provides a model for other South Asian countries seeking to diversify their international partnerships. The academic administrator noted that successful cooperation requires long-term commitment from both sides, including people-to-people connectivity, observing that these partnerships take time to develop and require sustained political support even through government changes.

## 6. Conclusion

Each cooperation area identified in this research deserves detailed independent study, especially given the potential highlighted in this research. This analysis serves as a foundational framework that maps the broader picture of Japan-Bangladesh cooperation, laying the groundwork for specialised research into specific sectors, mechanisms, and outcomes. The range of opportunities identified shows the strong potential for continued academic research into this developing bilateral relationship over the coming decades. This research reveals a clear trajectory toward deeper, more strategic cooperation between Bangladesh and Japan across maritime security, human capital development, and blue economy sectors. The findings demonstrate that each area is underpinned by genuine mutual needs: Japan's search for reliable partners, skilled human resources, and sustainable investment opportunities, and Bangladesh's requirements for economic transformation, security enhancement, and sustainable development.

Maritime security cooperation addresses both countries' strategic interests whilst contributing to regional stability through enhanced domain awareness and rules-based maritime governance. The non-coercive nature of Japanese security cooperation aligns with Bangladesh's non-aligned foreign policy while providing access to advanced maritime technologies and training. Human capital exchange offers immediate opportunities for mutual benefit through Japan's labour market needs and Bangladesh's demographic dividend. However, realising this potential requires significant institutional reforms, improved coordination mechanisms, and sustained political commitment to address current underutilisation. Blue economy cooperation provides a framework for sustainable development that addresses climate vulnerability whilst promoting economic growth. Japan's technological expertise and environmental consciousness complement Bangladesh's blue economy policy objectives and coastal development needs.

The strategic significance of these cooperation areas extends beyond bilateral relations to regional dynamics and global development patterns. They demonstrate how middle powers can develop mutually beneficial partnerships that enhance collective security, promote sustainable development, and provide alternatives to traditional great power competition. Japan's consistent commitment to Bangladesh, evidenced by sustained engagement even as Bangladesh approaches LDC graduation, provides a strong foundation for expanding cooperation. The reliability of Japanese partnerships amidst regional uncertainty makes Japan an invaluable strategic partner for Bangladesh's continued development. If addressed with sound policymaking, clear governance structures, considering subjective realities of Bangladesh, and

people-centred implementation strategies, these cooperation areas could fundamentally transform bilateral relations whilst contributing to broader regional stability and prosperity. The research provides a blueprint for policy practitioners: build inter-sectoral bridges, focus on mutually beneficial goals, and reframe bilateral cooperation not as aid dependency but as strategic co-creation. As Bangladesh enters a new era of strategic maturity and middle-income status, a forward-looking, equitable, and diversified partnership with Japan can serve as both anchor and accelerator for sustainable development and regional integration. The next phase of Bangladesh-Japan relations promises to be defined not by traditional donor-recipient dynamics but by strategic partnership, mutual respect, and shared commitment to regional peace and prosperity.

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