

INDIA-DENMARK JOINT ACTION PLAN (2021-2026)

GREEN STRATEGIC PARTNERSHIP

INTRODUCTION	2
1. POLITICAL AND ECONOMIC COOPERATION	3
2. ENERGY AND CLIMATE CHANGE	5
3. ENVIRONMENT, WATER, AND CIRCULAR ECONOMY	9
4. SUSTAINABLE AND SMART CITIES	13
5. BUSINESS, TRADE, AND INVESTMENT	16
6. MARITIME COOPERATION	19
7. SCIENCE, TECHNOLOGY, AND INNOVATION	20
8. FOOD AND AGRICULTURE	24
9. HEALTH AND LIFE SCIENCE	26
10. CULTURAL EXCHANGE, PEOPLE-TO-PEOPLE RELATIONS, AND LABOUR MOBILITY	29
11. MULTILATERAL COOPERATION	30

INTRODUCTION

On 28 September 2020 Prime Minister of India H.E. Narendra Modi and Prime Minister of Denmark H.E. Mette Frederiksen launched a Joint Statement on the Establishment of a Green Strategic Partnership between the Government of India and the Government of the Kingdom of Denmark. The Green Strategic Partnership expands and strengthens significantly the bilateral relations and cooperation between India and Denmark who established diplomatic relations more than 70 years ago, whereas the first trade relations were established 400 years ago. Our partnership is underpinned by mutual interests, common values and a commitment to upholding the rules-based international system.

The Green Strategic Partnership builds on a whole-of-government approach involving a range of sectors and authorities on both sides. Numerous cooperation agreements and other ongoing joint activities on multiple levels have been initiated since a Joint Commission for Cooperation was signed at the level of Foreign Affairs Ministers on February 6th, 2009, including the establishment of Joint Working Groups within a broad number of sectors: energy, environment, food and agriculture, science and innovation, shipping, labour mobility, smart cities and digitisation.

This Joint Action Plan has been drawn up to follow up on the joint statement from the Prime Ministers as mentioned above. It covers the main areas and mechanism for cooperation, reflecting the width and depth of the strategic partnership between India and Denmark being implemented through the mechanism of the Joint Commission and its Joint Working Groups.

The shared focus is to deliver on the 2030 Agenda for Sustainable Development and the Paris Agreement which demands a strong bilateral partnership and alliance that will benefit both India and Denmark. This will demand a renewed focus on especially climate and energy and the greening of our economies. The COVID-19 pandemic affecting both India and Denmark also shows us the importance of strengthening international cooperation in the field of health.

The Joint Action Plan is subject to Ministry of External Affairs/Ministry of Foreign Affairs-coordination, and will be updated when necessary. A midterm review will be organised within the framework of the Joint Commission approximately halfway through.

1. POLITICAL AND ECONOMIC COOPERATION



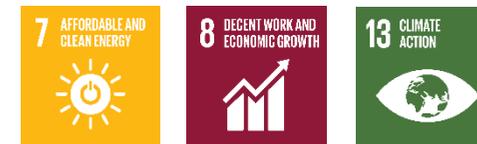
At a time when the liberal international order, free and fair trade, and global institutions are being changed and challenged, strengthening bilateral and multilateral political cooperation is of increasing importance. India and Denmark are both liberal democracies committed to sustainable and rules-based global development, and there is potential for even closer political and economic cooperation.

The India-Denmark Green Strategic Partnership is a mutually beneficial arrangement that will help advance political cooperation, expand economic relations and green growth, create jobs, strengthen cooperation on global challenges, and contribute to the implementation of the Paris Agreement and the United Nations Sustainable Development Goals.

#	TASK	ACTION	FRAMEWORK AND MAIN PARTNERS
1	Ensure the fulfilment of the commitment to the Joint Commission	<ul style="list-style-type: none"> Meet annually in the Joint Commission at the level of Minister for Foreign/External Affairs. 	Memorandum of Understanding establishing the Joint Commission, 2009 Denmark <ul style="list-style-type: none"> Ministry of Foreign Affairs India <ul style="list-style-type: none"> Ministry of External Affairs
2	Strengthen political cooperation by promoting regular high-level exchanges and dialogue including through meetings in the margins of international and regional fora.	<ul style="list-style-type: none"> Hold regular political consultations. In principle, the meetings will be held annually and will be held at the level of Secretary or corresponding level. Conduct Policy Planning Dialogue Hold regular bilateral meetings in the margins of UNGA, ASEM, and other multilateral fora whenever possible. 	Memorandum of Understanding on Political Consultations between the Ministry of External Affairs of India and the Ministry of Foreign Affairs of Denmark, December 2018 Denmark <ul style="list-style-type: none"> Ministry of Foreign Affairs India <ul style="list-style-type: none"> Ministry of External Affairs

3	Enhance exchanges between the governments and legislative bodies.	<ul style="list-style-type: none"> • Meetings at ministerial level and other high-level visits, including by parliamentarians. • Explore the possibility of Indian-Danish parliamentary cooperation and exchange of views 	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Foreign Affairs <p>India</p> <ul style="list-style-type: none"> • Ministry of External Affairs
4	Exchange views on challenges to international security.	<ul style="list-style-type: none"> • Discuss current challenges to international security on a policy planning/relevant expert level as necessary. <p>Topics could include terrorism, cyber security, arms control, and similar (at foreign/external affairs level).</p>	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Foreign Affairs <p>India</p> <ul style="list-style-type: none"> • Ministry of External Affairs

2. ENERGY AND CLIMATE CHANGE



The acceleration of the global green transition to combat climate change and generate a sustainable economy and work force are amongst the greatest and most imminent global challenges. Denmark and India are both green frontrunners in different technical areas and can therefore benefit greatly from strong bilateral cooperation on green energy transition and renewable energy, in accordance with the Paris Agreement and the United Nations Sustainable Development Goals.

India and Denmark’s shared commitment to address climate change is exemplified by our strategic sector cooperation on offshore wind and renewable energy, as well as the India-Denmark Energy Partnership (INDEP) on capacity building and technology transfer in the areas of offshore wind, energy modelling, and integration of renewable energy.

#	TASK	ACTION	FRAMEWORK AND MAIN PARTNERS
5	Create an enabling environment for lowering the cost of offshore wind power and integrating renewable energy into the grid using best available practice in planning and cost reducing measures.	<ul style="list-style-type: none"> Undertake extensive dialogue and technical advisory support between relevant Danish and Indian authorities on how to improve framework conditions for investments and achieve a comprehensive, coherent and cost-effective approach to creating an enabling environment for the offshore wind sector in India. Launch a virtual joint Centre of Excellence on offshore wind and renewable energy that combines Danish expertise on offshore wind and energy islands with Indian ambitions on renewable energy. The Centre of Excellence will be supported by a sector expert on offshore wind posted to the Indian Ministry of New and Renewable Energy. Strengthen existing cooperation on offshore wind. Initiatives could include: 	<p>Memorandum of Understanding on Indo-Denmark New and Renewable Energy Cooperation (signed 6th February 2008)</p> <p>Strategic Sector Cooperation in the field of Renewable Energy with a focus on Offshore Wind Energy 2018-2021.</p> <p>India-Denmark Energy Partnership 2020-2024.</p> <p>Denmark</p> <ul style="list-style-type: none"> Ministry of Climate, Energy, and Utilities Ministry of Foreign Affairs Danish Energy Agency (DEA) Danish Technical University (DTU) <p>India</p> <ul style="list-style-type: none"> Ministry of New and Renewable Energy

		<ul style="list-style-type: none"> ○ Explore feasibility for the Danish Energy Agency and Danish Technical University to assist the Indian National Institute for Wind Energy in the development of a test centre for wind components. ○ Maritime screening of feasible offshore wind areas ○ Cooperation in experience sharing and capacity building in grid integration and grid connection planning for offshore wind projects. 	<ul style="list-style-type: none"> ● Ministry of Power ● Ministry of Environment, Forests, and Climate Change ● National Institute for Wind Energy (NIWE)
6	Cooperation on energy planning, guided by state-of-the-art long-term-energy modelling tools.	<ul style="list-style-type: none"> ● Exchange knowledge on energy planning tools, including a technology catalogue, which will be updated regularly. This includes aiming at producing a power outlook report for India. ● Post a sector expert on energy modelling to the Indian Central Electricity Authority under the Ministry of Power. ● Strengthen the existing cooperation on energy planning. Initiatives could include a deep-dive on electricity storage to underpin renewable energy markets ● Cooperation in study for siting & sizing energy storage system requirements for grid applications. ● Explore the possibilities of expanding the power sector modelling to an energy sector wide modelling of India that includes Power-to-X (production of hydrogen and bio-fuels). 	<p>Memorandum of Understanding on India-Denmark Energy Cooperation (signed on 5th June 2020)</p> <p>India-Denmark Energy Partnership 2020-2024.</p> <p>Denmark</p> <ul style="list-style-type: none"> ● Ministry of Climate, Energy and Utilities ● Danish Energy Agency ● Ministry of Foreign Affairs <p>India</p> <ul style="list-style-type: none"> ● Ministry of Power ● Central Electricity Authority (CEA)

7	Cooperation on increased power system flexibility and integration of renewable energy in the power system.	<ul style="list-style-type: none"> • Exchange knowledge on how to promote the integration of renewable energy in the grid by optimising flexibility, forecasting, consolidated grid codes, efficient design of the power market, and other measures • Consider posting an additional sector expert in the Ministry of Power ecosystem to promote integration of renewable energy. • Cooperate on advanced grid planning to underpin renewable energy markets • Extend cooperation in experience sharing and capacity building for Grid Integration of increased Renewable Energy in the Power System in terms of System flexibility and stability. • Cooperate on flexibility assessment and optimization of flexibility need with appropriate regulatory framework and market design. • Collaborate on market design for capacity market and resources adequacy measures along with ancillary service and other relevant measures. 	<p>Memorandum of Understanding on India-Denmark Energy Cooperation (signed on 5th June 2020)</p> <p>India-Denmark Energy Partnership 2020-2024.</p> <p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Climate, Energy and Utilities • Danish Energy Agency • Ministry of Foreign Affairs <p>India</p> <ul style="list-style-type: none"> • Ministry of Power
8	Set up a task-force laying the ground for development of a large-scale offshore wind farm in India	<ul style="list-style-type: none"> • Set up a task-force to lay the groundwork for the development of a large-scale offshore project. <p>The process will highlight which framework conditions and decisions are required - in terms of energy regulation, transmission, tariffs, and risk mitigation instruments - to allow for pipeline creation of bankable projects and ultimately energy islands in India. The</p>	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Climate, Energy and Utilities • Ministry of Foreign Affairs • Stakeholders, such as investors. <p>India</p> <ul style="list-style-type: none"> • Ministry of New and Renewable Energy <p>Other stakeholders</p>

		project can also enhance development of offshore-related skills in India.	
9	Promote Danish-Indian energy industry cooperation	<ul style="list-style-type: none"> • Improve contact between Danish and Indian industry and authorities to share knowledge on market conditions and technology. Include companies in an advisory function. • Dialogue between businesses and authorities on procurement rules in India on wind supply. Ensure the link to future RE-INVEST conferences. • Plan a targeted promotion trip to India, with selected relevant companies. • Explore the opportunities for an industry dialogue on development of Power-to-X technologies for commercial scale, including green ammonia and green methanol technologies, electrolyser technology manufacturing and fuel cells. 	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Climate, Energy and Utilities • Confederation of Danish Industry <p>India</p> <ul style="list-style-type: none"> • Ministry of New and Renewable Energy
10	Cooperation in Bioenergy Cooperation in Waste-to-Energy	<ul style="list-style-type: none"> • Explore the opportunity in collaboration on renewable energy initiatives, including technology and innovation in the fields of bioenergy, waste-to-energy and enhancing clean energy technology collaboration etc. in both urban and rural areas. 	<p>India</p> <ul style="list-style-type: none"> • Ministry of Petroleum & Natural Gas <p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Industry, Business and Financial Affairs • Ministry of Higher Education and Science • Ministry of Foreign Affairs • City of Aalborg, incl. Green Hub Denmark

3. ENVIRONMENT, WATER, AND CIRCULAR ECONOMY



Water scarcity and pollution call for taking a circular economy approach to managing water and resources sustainably. India’s draft Resource Efficiency Policy and Denmark’s Circular Economy Strategy show the commitment of both countries in this field. Sustainable water resource management, water efficiency and minimizing water loss are key to ensure that the required water resources are available for delivery of safe and adequate drinking water to every household. Furthermore, decoupling of economic growth from water consumption and other environmental pressures will be an increasingly important element in sustainable development in a world of population growth, urbanisation and climate change.

#	TASK	ACTION	FRAMEWORK AND MAIN PARTNERS
11	Cooperation on sustainable water supply	<ul style="list-style-type: none"> Jointly develop, sign, and implement a Work Plan on government-to-government cooperation between the Ministry of Jal Shakti and the Danish Environmental Protection Agency for an initial period of three years (2021-2023) on sustainable water supply. The Work Plan will be developed in close collaboration with new and already existing initiatives like city-to-city collaboration between Udaipur and Aarhus, the Urban Living Lab in Goa, the Indo-Danish Water Technology Alliance, and activities in science technology and innovation, where these initiatives/setups will enable case studies, pilot projects, and proof of concepts to test and upscale the activities to regional and national level. The framework for sustainable water supply will focus on knowledge sharing, enabling policies for water planning, pricing, governance and regulation, as well as on technical cooperation, research and development in the fields of water resource management, water efficiency and non-revenue water. 	<p>Memorandum of Understanding on India-Denmark cooperation in areas of Environment</p> <p>Denmark</p> <ul style="list-style-type: none"> Environmental Protection Agency Ministry of Environment Ministry of Foreign Affairs City of Aarhus Water utilities Trade Council Innovation Centre Denmark <p>India</p> <ul style="list-style-type: none"> National Jal Jeevan Mission in the Ministry of Jal Shakti Indian state(s) (to be determined) Ministry of Housing and Urban Affairs Ministry of Environment, Forests, and Climate Change may contribute as appropriate

12	Cooperation on environment and circular economy	<ul style="list-style-type: none"> • Share knowledge and best practices in the field of water from a perspective of resource efficiency and circular economy through the Joint Working Group for Environment. • Joint initiatives for knowledge sharing and upscaling of the results from the City-to-city project between Udaipur and Aarhus on: <ul style="list-style-type: none"> ○ waste to energy from wastewater treatment plant ○ storm and wastewater handling plans ○ restoration of the River Ayad 	<p>Memorandum of Understanding on India-Denmark cooperation in areas of Environment</p> <p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Environment • Environmental Protection Agency • Ministry of Foreign Affairs • City of Aarhus • Trade Council • Innovation Centre Denmark <p>India</p> <ul style="list-style-type: none"> • Ministry of Environment, Forest and Climate Change • Ministry of Housing and Urban Affairs • City of Udaipur
13	Mobilise Danish, Indian, and international financing sources to finance pilot projects in water sector and finance pilot, demonstration and proof of concept projects.	<ul style="list-style-type: none"> • Jointly develop initiatives to finance pilot, demonstration and proof-of-concept projects in water sector, and match Danish funding sources with projects in a way that optimises allocation of expertise and resources. • The following financial instruments may be adjusted to provide financing for water pilot projects in India: <ul style="list-style-type: none"> ○ Danida Sustainable Infrastructure Finance (DSIF) Project Development Facility ○ IFU Project Development Programme (PDP) ○ EKF key account financing (if possible to commercialise the water pilot projects) 	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Foreign Affairs • Embassy in New Delhi • DSIF, IFU, EKF • Relevant private sector actors • Trade Council • Innovation Centre Denmark <p>India</p> <ul style="list-style-type: none"> • Local Indian authorities responsible for infrastructure • Relevant Indian and international financial organisations
14	Cooperation on skill-building and knowledge exchange	<ul style="list-style-type: none"> • Develop and implement skills and training programmes in the related fields for relevant stakeholders in collaboration with the different initiatives 	<p>Denmark</p> <ul style="list-style-type: none"> • Trade Council • Danish Water Forum • Water utilities

		<ul style="list-style-type: none"> • Conduct water-related training programmes for key Indian government officials and other relevant stakeholders in Gujarat and other states • Use the International Water Association Congress and Exhibition in Copenhagen in September 2022 as a platform for exchange between Indian and Danish Ministers, public authorities, research institutions and businesses, and to showcase Danish solutions. Identify similar events in future for continued exchange of knowledge. • Share knowledge and capacity building in the field of aquifer mapping and management 	<ul style="list-style-type: none"> • Environmental Protection Agency • Universities and research institutes • Innovation Centre Denmark <p>India</p> <ul style="list-style-type: none"> • Gujarat Water Supply and Sewerage Board, and similar bodies in other states • Ministry of Jal Shakti • Ministry of Housing and Urban affairs • NITI Aayog – Atal Innovation Mission • Cities of Udaipur, Tumakuru, and Panaji • Pollution Control Boards
15	Cooperation on research & development	<ul style="list-style-type: none"> • Develop and implement research & development activities that contribute to the development and implementation within the field of Environment, Water and Circular Economy (also see chapter 7 on Science, Technology, and Innovation) • Develop strategic partnerships between Danish and Indian Universities and research organizations based on the existing research projects, e.g. project on “Integrated water resources assessment of Udaipur District” • Explore possible cooperation on regulatory requirements and other framework conditions that can accelerate the development and use of new technologies and innovative solutions 	<p>Denmark</p> <ul style="list-style-type: none"> • Innovation Centre Denmark • Environmental Protection Agency • City of Aarhus <p>India</p> <ul style="list-style-type: none"> • Principal Scientific Advisor • NITI Aayog • Ministry of Jal Shakti • Ministry of Housing and Urban Affairs
16	Conduct joint innovation challenges on water	<ul style="list-style-type: none"> • Design and launch of challenges on areas related to water • Finalists of the challenges, jointly selected by the Danish and the Indian side, shall be supported for improving their innovations and explore possibilities of pilots and technical mentoring sessions. 	<p>Denmark</p> <ul style="list-style-type: none"> • Innovation Centre, Denmark <p>India</p> <ul style="list-style-type: none"> • Atal Innovation Mission, NITI Aayog

4. SUSTAINABLE AND SMART CITIES



The rapid urbanisation urgently calls for developing, testing and establishing best practices for sustainable and liveable cities. Denmark and India will cooperate on sustainable and smart urban development with a view to promoting a circular economy, creating sustainable, smart and liveable cities. Case studies, pilot projects, and proof of concepts that are tested under city cooperation projects will be shared and upscaled to regional and national level.

#	TASK	ACTION	FRAMEWORK AND MAIN PARTNERS
17	Exchange information and best practices on how to create sustainable and liveable cities and on the smart solutions required to support this.	<ul style="list-style-type: none"> • Meetings in the Joint Working Group on Smart and Sustainable Cities, aimed at sharing of experiences, information, and documentation that can help advance cooperation on sustainable and smart cities. • Knowledge sharing and upscaling of the results from flagship pilot project on efficiency of water distribution, minimisation of water loss and achieving 24/7 water supply • Launching, knowledge sharing and upscaling of the results from the project Urban Living Lab in Panaji, Goa • Knowledge sharing and upscaling of the results from City-to-City cooperation between Udaipur and Aarhus • Knowledge sharing and upscaling of the results from City-to-City cooperation between Tumakuru and Aalborg 	<p>Memorandum of Understanding on Smart and Sustainable Cities signed in 2018.</p> <p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Industry, Business and Financial Affairs • Embassy of Denmark • Trade Council • Innovation Centre Denmark • City of Aarhus • City of Aalborg <p>India</p> <ul style="list-style-type: none"> • Ministry of Housing and Urban Affairs • Ministry of Jal Shakti • Panaji, Goa • City of Udaipur • City of Tumakuru
18	Strengthen, expand and upscale the results from the existing city-to-city cooperation between Udaipur and Aarhus	<ul style="list-style-type: none"> • Mutual visits and meetings between high-ranking representatives. 	<p>Memorandum of Understanding on Urban Water Management signed in December 2019</p> <p>Denmark</p> <ul style="list-style-type: none"> • City of Aarhus

		<ul style="list-style-type: none"> • Jointly identify and implement exchange of knowledge, study tours and workshops promoting the city-to-city collaboration. • Collaboration with the relevant ministries in Denmark and India for knowledge exchange and upscaling of the results from city-to-city collaboration to regional and national level. • Jointly develop a 3 year Workplan for the next phase of the city to city collaboration with implementation starting in 2022 • Collaborate with the research project on “Integrated water resources assessment of Udaipur District” and implement the results in the city-to-city project. 	<ul style="list-style-type: none"> • Environmental Protection Agency • Ministry of Foreign Affairs <p>India</p> <ul style="list-style-type: none"> • Municipal Corporation Udaipur • Ministry of Jal Shakti • Ministry of Housing and Urban Affairs • Rajasthan State Government
19	Seek to establish pilot projects, demonstration projects and proof of concepts showcasing Danish water technology	<ul style="list-style-type: none"> • Jointly identify suitable sites and develop proposals for pilot projects, demonstration projects and proof of concepts that showcase how Danish urban solutions can improve the efficiency and sustainability of e.g. water distribution, water supply, wastewater treatment, water resource management, river rejuvenation, energy and mobility • Explore financing options to facilitate project implementation (see chapter 3) 	<p>Denmark</p> <ul style="list-style-type: none"> • Trade Council Denmark • Danish Water Forum • Confederation of Danish Industry • Water utilities <p>India</p> <ul style="list-style-type: none"> • Ministry of Jal Shakti • State/city
20	Strengthen existing city-to-city cooperation between Tumakuru and Aalborg.	<ul style="list-style-type: none"> • Jointly develop and implement a work plan for exchange of knowledge, study tours and workshops and high-ranking representatives from the City of Aalborg and the city of Tumakuru. 	<p>Memorandum of Understanding on Smart and Sustainable Cities between Tumakuru and Aalborg signed in November 2019</p> <p>Denmark</p> <ul style="list-style-type: none"> • The City of Aalborg

		<ul style="list-style-type: none">• Develop and implement pilot projects, demonstration projects, and proof of concept projects in the area of city development	India <ul style="list-style-type: none">• The City of Tumakuru
--	--	---	---

5. BUSINESS, TRADE, AND INVESTMENT



Denmark and India have a great potential for a green transformation while growing the respective economies, create jobs and increase bilateral trade. Cooperation in the field of trade and business is relevant in a bilateral setting, but also multilaterally in working together for an open rule-based multilateral trading system.

Innovation is a prerequisite to combat climate change and ensuring a transition towards sustainable environment. Intellectual property right systems and the patent system in particular, provide systemic support to development by providing strong incentives to inventiveness and facilitating the propagation of technology. The emerging cooperation in Intellectual Property Rights will help to modernise and strengthen the national intellectual property systems to promote innovation, creativity and technological advancement in India and Denmark.

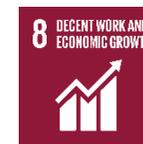
#	TASK	ACTION	FRAMEWORK AND MAIN PARTNERS
21	Improve conditions for the establishment and operation of Indian and Danish enterprises on the two markets, not least to promote green growth.	<ul style="list-style-type: none"> • Build partnerships between Indian and Danish authorities, businesses and research institutions with a view to further expanding cooperation, exchange of know-how and experience as well as development of new technology. • Engage in technical consultations on financial incentives, mechanisms and conducive framework conditions for promoting green transition and innovation. • Improve conditions for new technology to make it possible to achieve ambitious carbon emission targeting green transition, i.e. off-shore wind 	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Foreign Affairs • Ministry of Industry, Business and Financial Affairs • Ministry of Climate, Energy and Utilities • Danish Business Authority • Danish Executive Board for Business Development and Growth <p>India</p> <ul style="list-style-type: none"> • Ministry of Commerce and Industry • DPIIT
22	Enhance and further develop government-to-government cooperation on a well-functioning IPR system.	<ul style="list-style-type: none"> • Launch IP cooperation plan to strengthen protection and improve commercialization for green technologies and engaging in a dialogue on commercialization of geographical indications and protection of traditional knowledge. 	<p>Memorandum of Understanding between India and Denmark on intellectual property rights</p> <p>Denmark</p>

		<ul style="list-style-type: none"> • Joint training programs and exchange of best practices to strengthen the protection of intellectual property rights for the benefit of innovation, job creation and growth. • Establish a working group to examine the modalities of the Patent Prosecution Highway agreement between India and Denmark 	<ul style="list-style-type: none"> • Ministry of Industry, Business, and Financial Affairs • Danish Patent and Trademark Office <p>India</p> <ul style="list-style-type: none"> • Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade, • Office of the Controller General of Patents, Designs and Trade Marks.
23	Strengthen cooperation between ECGC, Export-Import Bank of India, and EKF (Denmark's Export Credit Agency).	<ul style="list-style-type: none"> • Identify the potential for co-financing of green projects (e.g. solar and wind power) between Denmark's Export Credit Agency, Export-Import Bank of India and the Export Credit Guarantee Corporation of India. 	<p>Reinsurance Agreement signed between EKF Denmark's Export Credit Agency and Export Credit Guarantee Corporation of India signed 6 May 2009.</p> <p>Denmark</p> <ul style="list-style-type: none"> • EKF Denmark's Export Credit Agency <p>India</p> <ul style="list-style-type: none"> • Export Credit Guarantee Corporation of India. • Export-Import Bank of India
24	Map financing opportunities in India	<ul style="list-style-type: none"> • Map available financing instruments for Danish green solutions in India (e.g. Nopef, NEFCO, EIB) to strengthen financing advice to Danish companies by the Trade Council in New Delhi. <p>In addition, explore how the following initiatives can be mobilised in an Indian context:</p> <ul style="list-style-type: none"> ○ Climate Investment Coalition¹ 	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Foreign Affairs • Embassy in New Delhi • IFU • Pension funds • EKF

¹ Public-private partnership with DKK 350 billion investment commitment by Danish pension funds for clean energy and climate financing

		<ul style="list-style-type: none">○ Danish SDG Investment Fund at IFU○ New project and market maturation facility at EKF	
--	--	---	--

6. MARITIME COOPERATION

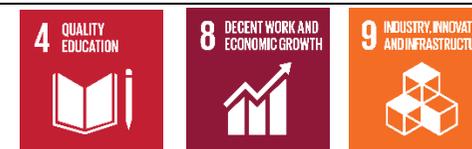


As maritime nations, India and Denmark share many maritime interests and priorities, including clean and safe shipping. India and Denmark will continue to further develop the maritime cooperation as stipulated in the MoU on maritime cooperation signed in 2019. India and Denmark will continue to explore opportunities for working closer together, both bilaterally in the Joint Working Group on Shipping and in relevant organisations such as the IMO, and for launching joint initiatives to promote bilateral trade, innovation and a green transformation of the global maritime industry.

#	TASK	ACTION	FRAMEWORK AND MAIN PARTNERS
25	Engage in government-to-government dialogue on maritime issues including green shipping and green maritime solutions.	<ul style="list-style-type: none"> Meetings in the Joint Working Group on Shipping to support the long-term cooperation on maritime issues, including in the context of the Green Strategic Partnership. 	<p>Memorandum of Understanding between the Indian Ministry of Ports, Shipping and Waterways and the Danish Ministry of Industry, Business and Financial Affairs, 2019.</p> <p>Denmark</p> <ul style="list-style-type: none"> Ministry of Industry, Business and Financial Affairs Danish Maritime Authority <p>India</p> <ul style="list-style-type: none"> Ministry of Ports, Shipping and Waterways
26	Strengthen cooperation in the International Maritime Organisation on environmental issues.	<ul style="list-style-type: none"> Ongoing informal dialogue and cooperation on reduction of greenhouse gas emissions from ships and on related International Maritime Organisation regulation. 	<p>Denmark</p> <ul style="list-style-type: none"> Ministry of Industry, Business and Financial Affairs Danish Maritime Authority <p>India</p> <ul style="list-style-type: none"> Ministry of Ports, Shipping and Waterways
27	Promote partnerships and cooperation on green shipping,	<ul style="list-style-type: none"> Meetings and webinars for Danish and Indian companies and other actors in the maritime sector. 	<p>Denmark</p> <ul style="list-style-type: none"> Ministry of Industry, Business and Financial Affairs

	shipbuilding, and green maritime solutions.		<ul style="list-style-type: none"> • Danish Maritime Authority <p>India</p> <ul style="list-style-type: none"> • Ministry of Ports, Shipping and Waterways
--	---	--	---

7. SCIENCE, TECHNOLOGY, AND INNOVATION



Science, Technology and Innovation (STI) are key elements in all thrust areas of the Green Strategic Partnership. STI creates the knowledge for tackling climate change as well as innovative green technology solutions to ensure sustainable growth and address national and international climate targets and environmental challenges. Investing in STI via strong public-private partnerships is an important way to accelerate the development of technology and scale-up of the implementation of new solutions. Collaboration in STI supports the overall partnership by promoting and strengthening relations between authorities, small and large companies and research and higher education institutions in India and Denmark.

India and Denmark have a strong bilateral STI-partnership with joint calls for projects in areas such as energy, water, bio-resources and information and communications technology. Activities in this chapter will continue to support areas of mutual interest and complement the work in other specific areas of the Green Strategic Partnership.

#	TASK	ACTION	FRAMEWORK AND MAIN PARTNERS
28	Enhance and further develop the bilateral cooperation on science, technology, and innovation, particularly in the areas of climate, energy, water, environment and biodiversity	<ul style="list-style-type: none"> • Identify activities and direct instruments to support and promote STI-related solutions to societal challenges, emphasising research areas and technologies of mutual interest. • Maintain and develop the existing strong bilateral project funding programme • Coordinate with relevant government agencies to complement work in other sector tracks. 	<p>Government Agreement on Science, Technology and Innovation (2018)</p> <p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Higher Education and Science • Danish Agency for Higher Education and Science • Innovation Fund Denmark • Innovation Centre Denmark, Bengaluru

			<p>India</p> <ul style="list-style-type: none"> • Ministry of Science and Technology, Department of Science and Technology and Department of Biotechnology • Office of the Principal Scientific Advisor
29	Develop and demonstrate innovative technologies and solutions and enable national and global impact through scaling and commercialisation	<ul style="list-style-type: none"> • Promote and facilitate joint initiatives, partnerships and investments for collaborative projects between Indian and Danish research and higher education institutions, knowledge intensive companies and public authorities. 	<p>Government Agreement on Science, Technology and Innovation (2018)</p> <p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Higher Education and Science • Danish Agency for Science and Higher Education • Innovation Fund Denmark • Innovation Centre Denmark, Bengaluru <p>India</p> <ul style="list-style-type: none"> • Ministry of Science and Technology, Department of Science and Technology and Department of Biotechnology
30	Build and strengthen networks, partnerships and capacity through exchange of information, ideas, people and partnerships.	<ul style="list-style-type: none"> • Promote, facilitate and organise matchmaking workshops, seminars, conferences, consultations and peer-learning activities. • Increase knowledge sharing among government agencies, institutions and independent stakeholders to facilitate the ambitions of the partnership. • Explore ways to make use of existing funding schemes at national and international level, research infrastructure like the European Spallation Source, and collaborative platforms, such as the Arctic Hub in Greenland. 	<p>Government Agreement on Science, Technology and Innovation (2018)</p> <p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Higher Education and Science • Danish Agency for Science and Higher Education • Innovation Fund Denmark • Innovation Centre Denmark, Bengaluru <p>India</p>

			<ul style="list-style-type: none"> Ministry of Science and Technology, Department of Science and Technology and Department of Biotechnology
31	Strengthen collaboration in areas relevant for knowledge-based start-ups and small and medium-sized enterprises.	<ul style="list-style-type: none"> Facilitate and develop joint activities and partnerships in areas that involve entrepreneurs, incubators and accelerators, intellectual property rights and standards, and challenge-driven innovation and hackathons. 	<p>Government Agreement on Science, Technology and Innovation (2018)</p> <p>Denmark</p> <ul style="list-style-type: none"> Ministry of Higher Education and Science Danish Agency for Science and Higher Education Innovation Fund Denmark Innovation Centre Denmark, Bengaluru <p>India</p> <ul style="list-style-type: none"> Ministry of Science and Technology, Department of Science and Technology and Department of Biotechnology Atal Innovation Mission, NITI Aayog
32	Collaborate on development and innovation in the field of digital technologies to support green sustainable growth.	<ul style="list-style-type: none"> Continue and enhance dialogue in the Joint Working Group on Digitisation. Topics of particular interest include: <ul style="list-style-type: none"> Best practices in governmental digitisation (e-governance solutions) Cyber security in government strategies Further discussion of emerging technologies in relation to public sector solutions 	<p>Joint Working Group on Digitisation</p> <p>Denmark</p> <ul style="list-style-type: none"> Agency for Digitisation Other relevant Danish stakeholders, on an <i>ad hoc</i> basis <p>India</p> <ul style="list-style-type: none"> Ministry of Electronics and IT
33	Strengthen collaboration and knowledge sharing on	<ul style="list-style-type: none"> Explore and identify joint activities and exchange best practices, e.g. on curricula, exams, teacher upskilling 	<p>Denmark</p> <ul style="list-style-type: none"> Ministry of Children and Education

	<p>vocational education and training programs.</p>	<p>programs, teaching and learning cultures in vocational training, institutional management courses, and apprenticeship programmes.</p> <ul style="list-style-type: none"> • Promote “lifelong learning” by exploring and identifying needs for short reskilling and upskilling courses. • Initiate pilot projects, based on analysis, to further the practical understanding of Indo-Danish cooperation within vocational education. 	<p>India</p> <ul style="list-style-type: none"> • National Skills Development Cooperation • Ministry of Skill Development and Entrepreneurship • Ministry of External Affairs • Universities, vocational education and training institutions, companies etc.
--	--	--	---

8. FOOD AND AGRICULTURE



Given the immense potential to collaborate in the agricultural sector, the Green Strategic Partnership encourages deeper and closer cooperation between authorities, businesses, and research institutions in the sectors of food processing and food safety as well as animal husbandry and dairying.

Since 2018, Denmark and India has agreed to strengthen the cooperation within the field of food and agriculture with the signing of two Memoranda of Understanding. A Joint Working Group on Animal Husbandry and Dairying and a Joint Working Group on Food Processing and Food Safety ensure the development of joint activities and partnerships within the framework of the two Memoranda of Understanding.

#	TASK	ACTION	FRAMEWORK AND MAIN PARTNERS
34	Promote dialogue, research, information exchange, and cooperation in the fields of animal husbandry and dairying	<ul style="list-style-type: none"> • Develop and strengthen cooperation in the Joint Working Group on Animal Husbandry and Dairying <p>Areas of particular interest include:</p> <ul style="list-style-type: none"> ○ Collaboration in livestock health and husbandry, breeding and dairying ○ Management and mechanisms to enrich feed and fodder nutritionally to realize higher productivity and production in livestock ○ Sanitary issues concerning trade in livestock, animal husbandry ○ Establish Centre of Excellence in animal husbandry & dairy to improve genetics of cattle & value-addition in the dairy sector 	<p>Memorandum of Understanding between the India Department of Animal Husbandry, Dairying and Fisheries and the Danish Veterinary and Food Administration (April 2018).</p> <p>Denmark</p> <ul style="list-style-type: none"> • Veterinary and Food Administration <p>India</p> <ul style="list-style-type: none"> • Department of Animal Husbandry and Dairying
35	Promote dialogue, research, information exchange, and cooperation within defined areas of food safety cooperation, nutrition, and antimicrobial resistance mitigation projects.	<ul style="list-style-type: none"> • Develop and strengthen cooperation in the Joint Working Group on Food Processing and Food Safety. 	<p>Memorandum of Understanding between The Food Safety and Standards Authority of India and the Danish Veterinary and Food Administration on Food Safety Cooperation (April 2018).</p> <p>Denmark</p> <ul style="list-style-type: none"> • The Danish Veterinary and Food Administration

			<p>India</p> <ul style="list-style-type: none"> • Ministry of Food Processing Industries of India • The Food Safety and Standards Authority of India (FSSAI)
36	<p>Explore the possibility of cooperation on antimicrobial resistance mitigation in the food sector based on a One Health approach through the International Centre for Antimicrobial Resistance Solutions (ICARS) in light of COVID-19 increasing the AMR challenge and to avoid that AMR becomes the next devastating pandemic.</p>	<ul style="list-style-type: none"> • Danish facilitation of ICARS delegation to India and ICARS dialogue with relevant authorities. • Co-development of antimicrobial resistance mitigation intervention and implementation research projects in India in partnership with ICARS focusing on, for instance, reducing the use of antibiotics in poultry and/or cattle. Such projects could take the form of a two-phased project collaboration between FSSAI, relevant private sector stakeholders, The Danish Veterinary and Food Administration, and ICARS with the first phase being a mapping of the use of antibiotics, vaccines, and biosecurity measures and the second phase being an intervention study using context-specific and cost-effective solutions to reduce antimicrobial use. • Entering into a Memorandum of Understanding on the co-development of such research projects. 	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Food, Agriculture and Fisheries • The Danish Veterinary and Food Administration • International Centre for Antimicrobial Resistance Solutions (ICARS) <p>India</p> <ul style="list-style-type: none"> • Ministry of Food Processing Industries of India • The Food Safety and Standards Authority of India (FSSAI) • Indian Council of Agricultural Research (ICAR)

9. HEALTH AND LIFE SCIENCE



Denmark and India agree to strengthen cooperation in the field of health and life science and to explore the possibility of setting up a Joint Working Group within the Indian-Danish Joint Commission. They seek to reinforce and further strengthen the bilateral cooperation within the health and life sciences to promote a healthy life for all citizens in India and Denmark.

In particular, the COVID-19 pandemic is an unprecedented global health crisis that calls for new and better ways to cooperate on global health issues, including future pandemics.

#	TASK	ACTION	FRAMEWORK AND MAIN PARTNERS
37	Enhance dialogue and cooperation in health and life-science, not least within regulatory aspects of pharmaceuticals and quality control. This could also include early detection and chronic disease management.	<ul style="list-style-type: none"> Strengthen the dialogue and cooperation in the health sector and on health policy. This will happen within the framework of an Indian-Danish Memorandum of Understanding on Health. 	<p>Denmark</p> <ul style="list-style-type: none"> Ministry of Health <p>India</p> <ul style="list-style-type: none"> Ministry of Health and Family Welfare
38	Expand dialogue and sharing best practices on epidemics and vaccines.	<ul style="list-style-type: none"> Continued and expanded dialogue initiated between the Danish State Serum Institute, Innovation Centre Denmark, and the Indian Principal Scientific Advisor Collaboration on COVID-19 response and pandemic preparedness, including cooperation on vaccine development and manufacturing. 	<p>Denmark</p> <ul style="list-style-type: none"> Ministry of Health State Serum Institute (SSI) Innovation Centre Denmark, Bengaluru <p>India</p> <ul style="list-style-type: none"> Indian Council for Medical Research Department of Bio Technology Principal Scientific Advisor

39	Expand commercial opportunities for businesses by achieving more favourable environments for the life-science sector, including research collaboration.	<ul style="list-style-type: none"> • Facilitation of research collaboration under the Agreement on Science, Technology, and Innovation. • Increased commercial and industrial cooperation through research and development collaboration, pilot and demonstration projects, and focused networking and promotion activities in established as well as emerging fields, such as remote/digital health and environmental health. 	<p>Government Agreement on Science, Technology, and Innovation (2018)</p> <p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Higher Education and Science • Innovation Centre Denmark, Bengaluru • Trade Council <p>India</p> <ul style="list-style-type: none"> • Ministry of Health and Family Welfare • Ministry of Science and Technology • Department of Biotechnology • Indian Council for Medical Research
40	Explore the possibility of cooperation on antimicrobial resistance mitigation in the health care sector based on a One Health approach through the International Centre for Antimicrobial Resistance Solutions (ICARS) in light of COVID-19 increasing the AMR challenge and to avoid that AMR becomes the next devastating pandemic.	<ul style="list-style-type: none"> • Danish facilitation of ICARS delegation to India and ICARS dialogue with relevant authorities. • Co-development of antimicrobial resistance mitigation intervention and implementation research projects in India in partnership with ICARS focusing on, for instance, infection prevention and control, antimicrobial stewardship, and/or waste management. • Entering into a Memorandum of Understanding on the co-development of such research projects. 	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Health • International Centre for Antimicrobial Resistance Solutions (ICARS) • Innovation Centre Denmark in Bengaluru <p>India</p> <ul style="list-style-type: none"> • Ministry of Health and Family Welfare
41	Collaborate in the area of Digital Health	<ul style="list-style-type: none"> • Strengthen cooperation and sharing of best practices, including on Pandemic Management and existing Digital Health initiatives. • Cooperation and knowledge exchange in the area of Telemedicine and Digital Health, e.g. on use of data and 	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Health <p>India</p> <ul style="list-style-type: none"> • Ministry of Health and Family Welfare

		health information, new technologies, technological innovations etc.	
--	--	--	--

10. CULTURAL EXCHANGE, PEOPLE-TO-PEOPLE RELATIONS, AND LABOUR MOBILITY



Denmark and India will enhance cooperation on cultural exchange, people-to-people relations, and labour mobility as a way to strengthen the bonds between India and Denmark.

#	TASK	ACTION	FRAMEWORK AND MAIN PARTNERS
42	Further develop the possibilities for cultural cooperation and people-to-people exchanges to strengthen the bonds between India and Denmark.	<ul style="list-style-type: none"> • Follow-up to the observation of 70th anniversary of establishment of diplomatic relations, incl. by commemorating the 75th anniversary in 2024 • Build on previous experience with cultural exchanges including events, festivals, and other initiatives, such as those arranged by the Indian Council for Cultural Relations and the Danish Cultural Institute in India 	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Foreign Affairs • Embassy in New Delhi • Danish Cultural Institute in India <p>India</p> <ul style="list-style-type: none"> • Ministry of External Affairs • Embassy in Copenhagen • Indian Council for Cultural Relations
43	Develop bilateral cooperation within the existing framework on labour mobility.	<ul style="list-style-type: none"> • Continue efforts to ensure the necessary legal framework for labour mobility between Denmark and India in order to meet the demand for highly skilled jobs in the green sector, i.e. researching or engineering. <p>This will be achieved through dialogue in the Joint Working Group on Labour Mobility between Denmark and India.</p>	<p>Memorandum of Understanding on Labour Mobility Partnership (2009)</p> <p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Immigration and Integration <p>India</p> <ul style="list-style-type: none"> • Ministry of External Affairs • Ministry of Home Affairs

11. MULTILATERAL COOPERATION



A key element in the green strategic partnership between India and Denmark is to support and promote an open and rules-based multilateral system. This collaboration includes initiatives to combat the global challenge on energy and climate change in accordance with the Paris Climate Agreement.

#	TASK	ACTION	FRAMEWORK AND MAIN PARTNERS
44	Promote green energy transition and industry decarbonisation in multilateral fora	<ul style="list-style-type: none"> Strengthen collaboration between India and Denmark to promote ambitions on and implementation of UN Sustainable Development Goals, drawing on India's and Denmark's leading roles on energy and industry transition from the UN Climate Action Summit in 2019, including exploring possible joint leadership of the high-level dialogue on SDG 7. Pursue cooperation on hard-to-abate sectors in relation to the Leadership Group on Industry Transition (<i>LeadIt</i>). 	<p>The 2019 United Nations Climate Action Summit and the 2021 Sustainable Development Goals High-Level Dialogue.</p> <p>Denmark</p> <ul style="list-style-type: none"> Ministry of Foreign Affairs. Ministry of Climate, Energy and Utilities. <p>India</p> <ul style="list-style-type: none"> Ministry of Environment, Forests, and Climate Change Ministry of External Affairs Ministry of New and Renewable Energy
45	Denmark to support a permanent seat for India as part of the G4 group's proposal for a reformed UN Security Council. India to support Denmark's candidature for a non-	<ul style="list-style-type: none"> Pursue India's and Denmark's UNSC memberships through the two countries' bilateral and multilateral diplomatic channels. Explore ways of cooperating during Indian and Danish tenures in the Council. 	<p>Denmark</p> <ul style="list-style-type: none"> Ministry of Foreign Affairs <p>India</p> <ul style="list-style-type: none"> Ministry of External Affairs

	permanent seat at the UNSC (2025-2026).	<ul style="list-style-type: none"> • Actively engage in multilateral discussions on the reform of the UN Security Council, incl. by supporting the call for text-based negotiations in IGN in the 75th UNGA. • If elected for a non-permanent seat in the UN Security Council, Denmark will continue to work for reform of the Council. 	
46	Support a fair, just and rule-based multilateral system and strengthen dialogue and cooperation in multilateral and regional forums, such as the United Nations and India-EU.	<ul style="list-style-type: none"> • Discuss potential strengthening of cooperation at relevant occasions involving relevant actors, i.e. political consultations. • Consider joint efforts and initiatives in multilateral and regional fora. 	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Foreign Affairs <p>India</p> <ul style="list-style-type: none"> • Ministry of External Affairs
47	Create stronger multilateral ties through the International Energy Agency; and the International Solar Alliance.	<ul style="list-style-type: none"> • Work jointly to promote renewable energy and energy efficiency through IEA and ISA by sharing lessons and good practice from India and Denmark and engaging in both organisations on accelerating energy transition and energy access globally. • Building on Denmark's bridge-building role between IEA members, work jointly to implement an ambitious Strategic Partnership with the IEA including a path to possible IEA membership. 	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Climate, Energy and Utilities • Ministry of Foreign Affairs <p>India</p> <ul style="list-style-type: none"> • Ministry of External Affairs • Ministry of New and Renewable Energy
48	Exchange views on promoting and supporting an open and rules-based multilateral trading system for global growth under the World Trade Organisation.	<ul style="list-style-type: none"> • Increased cooperation on World Trade Organisation reform and on trade. 	<p>Denmark</p> <ul style="list-style-type: none"> • Ministry of Foreign Affairs <p>India</p> <ul style="list-style-type: none"> • Ministry of External Affairs
49	Cooperate for strong and comprehensive relations between India and EU. This includes working for an	<ul style="list-style-type: none"> • Active involvement, especially on climate-related issues, from both sides at the India-EU Leaders' Meeting in May 2021, as well as in future India-EU Summits or similar occasions. 	<p>EU-India Strategic Partnership Agreement and Roadmap 2025.</p> <p>Denmark</p>

	ambitious, fair and mutually beneficial Trade and Investment Agreement.		<ul style="list-style-type: none"> • Ministry of Foreign Affairs India <ul style="list-style-type: none"> • Ministry of External Affairs
50	Cooperate on promotion and protection of human rights, including strengthening the universality of human rights in various multilateral fora.	<ul style="list-style-type: none"> • Multilateral cooperation for promotion and protection of human rights. 	Denmark <ul style="list-style-type: none"> • Ministry of Foreign Affairs India <ul style="list-style-type: none"> • Ministry of External Affairs
51	Cooperate internationally to promote gender equality and the empowerment of women.	<ul style="list-style-type: none"> • Multilateral cooperation to promote and strengthen gender equality and the empowerment of women, including efforts against sexual and gender-based violence and violence against women and girls. • Explore possible joint initiative in ASEM on Women’s Economic Empowerment 	Denmark <ul style="list-style-type: none"> • Ministry of Foreign Affairs India <ul style="list-style-type: none"> • Ministry of Women and Child Development
52	Increase cooperation in relation to the Arctic Council.	<ul style="list-style-type: none"> • India and the Kingdom of Denmark have a shared interest in focusing on climate and environment, the human dimension, use of natural resources and sustainable economic development. As an Observer in the Arctic Council, India will increase its participation in Arctic Council meetings particularly in the Working Group titled “Arctic Monitoring and Assessment Programme (AMAP)”. 	The Arctic Council Rules of Procedure The Kingdom of Denmark <ul style="list-style-type: none"> • Relevant ministries in Denmark, Greenland and the Faroe Islands India <ul style="list-style-type: none"> • Ministry of Earth Sciences • Ministry of External Affairs