

Smart Bangladesh

Action Plan of Ministry of Industries

Serial No	Activities/projects/actions	Implemented by/implementing agency	Term (Short/Mid/Long)
1	Formulate strategy to promote smart industry in Bangladesh.	Ministry of Industries	Short Term
2	Promote bilateral co operations with ICT Division, LGD Division, Ministry of Commerce, Bangladesh Bank and Trade Bodies and Associations.	Ministry of Industries	Short Term
3	Identify the challenges/gaps to materialize Smart Bangladesh-Smart Industry.	Ministry of Industries	Short Term
4	Identify the gaps between Industry and Academia.	Ministry of Industries	Short Term
5	Implement Smart Factory-Smart Production- through innovations.	Ministry of Industries	Mid Term
6	Implement Real-Time Project Monitoring System.	Ministry of Industries	Short Term
7	Implement Smart Assets and Equipment Inventory Management System.	Ministry of Industries	Mid Term
8	Use Robotics in the manufacturing industries.	Ministry of Industries	Mid Term
9	Implement IoT based Smart Office Management System.	Ministry of Industries	Mid Term
10	Boost up both Research and Innovation and Research and Development in industrial sectors.	Ministry of Industries	Long Term
11	Automation in Industry-make industry without human interventions.	Ministry of Industries	Long Term
12	Application of IIoT (Industrial Internet of Things) devices in manufacturing industries with real-time data.	Ministry of Industries	Long Term
13	Implement Smart Technology-Smart Factories, with application of IIoT, AI, wireless connectivity and cloud computing.	Ministry of Industries, BITAC	Long Term
14	Implement smart transformation of industry with optimize enterprise resource planning (ERP).	Ministry of Industries & SOEs	Mid Term

15	Transit informal employment to formal employment with preparing a database.	Ministry of Industries, BSCIC, SME Foundation	Mid Term
16	Introduce Industrial Supply Chain Management with application of 4IR Technologies.	Ministry of Industries, BCIC, BSCIC, BSFIC	Long Term
17	Enhance Productivity knowledge in industrial sectors.	Ministry of Industries, NPO	Mid Term
18	Develop high value added, high productivity industries in three sectors- Industry, Commerce and Agriculture.	Ministry of Industries, NPO	Long Term
19	Establish Research and Development wing in all the organizations of the ministry.	Ministry of Industries & all Organizations	Short Term
20	Online tracking system of Industrial products like fertilizer, salt, sugar, leather (raw hides) etc.	Ministry of Industries, BCIC, BSFIC, BSCIC	Short Term
21	Create skilled manpower in industrial sectors through application of higher technology.	BSCIC, BITAC, BIM, SME Foundation	Long Term
22	Implement Smart Industry-Better Management, by applying Technological tools to upgrade the BIM.	BIM	Mid Term
23	Introduce Smart Manufacturing process in the state-owned corporations.	BSCIC, BCIC, BSFIC, BSEC	Long Term
24	Use Drone Technology in surveying sugar crop lands.	BSFIC	Mid Term
25	Use 3D Printings, produce CNC machine, introduce Drone Technology in the manufacturing process of BITAC.	BITAC	Mid Term