

Report on SDGs Implementation Review (SIR) 2022 from Ministry of Housing & Public Works

Introduction:

The Universal Declaration of Human Rights (UDHR) is a milestone document in the history of human rights proclaimed by the United Nations General Assembly in Paris on 10 December 1948 by General Assembly resolution 217 A (III) as a **common standard of achievements for all peoples and all nations**. The International Covenant on Economic, Social and Cultural Rights entered into force in 1976, that includes the right to social protection, to an **adequate standard of living** and to the highest attainable standards of physical and mental well-being. One of the fashionable terms which has emerged over the past few years is “sustainability”. The United Nations General Assembly set 17 Sustainable Development Goals (SDGs) in 2015 that to be achieved within 2030. There are 169 targets and 232 unique indicators under 17 Goals of SDGs. Among the goals, Goal-11 is about "sustainable cities and communities". Ministry of Housing & Public Works is the coordinating ministry to achieve Goal 11. Goal 11 seeks to make cities and human settlements inclusive, safe, resilient and sustainable. There are 10 targets and 15 indicators under Goal 11. Ministry of Housing and Public Works is the Lead Ministry for the following targets and indicators under Goal 11:

Goal	Target	Indicator
11- Make cities and human settlements inclusive, safe, resilient and sustainable.	11.1- By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums. (Lead: MoHPW)	11.1.1- Proportion of urban population living in slums, informal settlements or inadequate housing. (Lead: MoHPW)
	11.3- By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries. (Lead: MoHPW)	11.3.1- Ratio of land consumption rate to population growth rate. (Lead: MoHPW)
		11.3.2- Proportion of cities with a direct participation structure of civil society in urban planning and management that operate regularly and democratically. (Lead: MoHPW)
	11.a- Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning. (Lead:LGD, Co-Lead: MoHPW)	11.a.1- Number of countries that have national urban policies or regional development plans that (a) respond to population dynamics; (b) ensure balanced territorial development; and (c) increase local fiscal space. (Lead: MoHPW)

The above targets are beyond the National Priority Targets (NPT 39+1). Ministry of Housing & Public Works is also Co-Lead for indicator 11.7.1 and Associate for indicators 9.1.1, 9.b.1, 12.7.1, 17.18.1, 17.18.2, 17.18.3. Various Agencies/Departments like PWD, NHA, DOA, UDD, RAJUK CDA, KDA, RDA, Cox DA, HBRI etc. under Ministry of Housing & Public Works are taking actions and programs to achieve the targets of Goal 11. Ensuring access for all to adequate, safe, affordable housing and basic services; upgrading of slums are critical for this goal.

Assessment of Implementation of Targets:

A Number of ongoing and new projects are mentioned in the National Action Plan of Ministry of Housing and Public Works by targets for the implementation of SDGs. Here is the achievement status of National Action Plan and other implemented projects as per the format of Reporting Template.

SDG Targets Assigned (Lead)	Actions taken against the target(project/programme)	Achievement Status (January2016 to December 2021)	Act, Policy, Strategy, Plan, Reforms etc taken	Remarks
1	2	3	4	5
11.1- By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums	PWD & DoA:	Project Completed, 456 nos. flat Constructed.		
	a. Construction of Multi storied residential building at Azimpur in Dhaka	Project Completed, 1292 nos. flats Constructed .		
	b. Construction of Multi storied residential building at Azimpur in Dhaka (2 nd Phase)	1140 Nos. Flats to be Constructed. Project Progress 2%.		
	c. Construction of Multi storied residential building at Azimpur in Dhaka (Zone-A)	Project Completed, 532 nos. flats Constructed.		
	d. Construction of Multi storied residential building at Motijheel in Dhaka	Project Completed, 736 nos. flats Constructed.		
	e. Construction of 1064 nos (Revised 736) Flats for Govt. Officers at Mipur-6 in Dhaka	Project Completed, 416 nos. flats Constructed.		
	f. Construction of 608 nos (Revised 416) Flats for Govt. Officers at MipurPaikpara in Dhaka	Project Completed, 456 nos. flats Constructed.		
	g. Construction of 456 Flats for Govt. Officers at Malibagh in Dhaka	Project Completed, 10 nos. flats Constructed.		
	h. Construction of residential building for Honorable Ministers at Bailey Road, Dhaka	Project Completed, 288 nos. flats Constructed.		
	i. Construction of 288 nos Flats for Govt. Officers at Mipur-6 in Dhaka	Project Completed, 114 nos. flats Constructed.		
	j. Construction of 114 flats in 3 nos 20 storied buildings at Eskaton for Senior Secretary/ Secretary/ Grade-1 Officers	Project Ongoing. Progress 62%.		
	k. Construction of 672 flats at Aliganj of Narayanganj	Project Progress 50%, to be completed within June'2022.		
	l. Residence for judicial officers at Azimpur , Dhaka	Project Ongoing. Progress 70%		
	m. 398 nos. residential flat at abandoned house of Gulshan, Dhanmondi, Mohammadpur, Dhaka	640 nos. flats to be Constructed. Progress 32%		
	n. Construction of Government Residential Flat & Dormatory Building at Abandant House at Chattogram	Project Completed, 380 nos. flats Constructed.		
	o. Construction of High Rise Residential Building at Motijheel Hospital Zone Colony	Project Progress 83%, to be completed within June'2022.		
p. Construction of 288 nos Residential Flats for Government Officials (PWD & Architectural Dept.) at Jigatola, Dhaka.	Architectural plan & DPP Preparation Ongoing.			
q . Construction of High Rise Residential Building for Government Officials at Azimpur Government Colony, Dhaka.	Project Ongoing. Progress 54%			
r. Construction Intigrated High Rise Office Building at Gopalganj.				

SDG Targets Assigned (Lead)	Actions taken against the target(project/programme)	Achievement Status (January 2016 to December 2021)	Act, Policy, Strategy, Plan, Reforms etc taken	Remarks
1	2	3	4	5
	s. Construction of residential flat and other infrastructure at Tejgaon for officers of Prime Minister's office	Project Completed, 58 nos. flats Constructed		
	New Projects (Column 7.1-7.2):	Project approval process ongoing PEC meeting held.		
	a. Officers quarter (836 nos flats) at Bailey Dump area in Dhaka.	Project Progress 87%. Project to be completed within June'2022.		
	b. 532 nos. residential Flats for PWD officers at Tejgaon in Dhaka.	684 nos. flats to be Constructed. Progress 63%		
	c. Officers Quarter at CGS colony, Agrabad in Chittagong	Project not Yet taken.		
	d. Highrise residential flat at Gulfesion, Kakhshion, Asean at Bailey Road, Dhaka	Project approval process ongoing. PEC meeting held.		
	e. Residential flat at Eskaton Vegetable garden	Project not yet taken.		
	f. Residential Flat at 71 circuit house, 48 circuit house & Rajarbagh in Dhaka	Project Completed. 58 nos. flats Constructed		
	g. Construction of residential flat and other infrastructure at Tejgaon for officers of Prime Minister's office	Project Ongoing. Progress 93%, To be completed within June'2022		
	h. 456 nos (Revised 288) residential flats at Sialbari, Mirpur Dhaka	Project Completed, 76 nos. flats Constructed		
	Flat related Projects not included in Action Plan but implemented within 2016-2021	Project Completed, 446 nos. flats Constructed		
	1) Construction of high-rise residential building for honorable Justice of Supreme Court	Project Completed, 224 nos. flats Constructed		
	2) Construction of high-rise residential building for officers of Bangladesh Parliament Secretariat at Sher-E-Bangla Nagar	1200 nos flats to be constructed, Progress 5%		
	3) Construction of 224 Nos. Flats for Officers and employee of Planning Commission	364 Nos. of Flats to be constructed, Progress 68%. Project to be completed within June'2022		
	4) Construction of high-rise residential building for Govt. employees at MirpurPaikpara	1248 Nos. of Flats to be constructed. Progress 3%.		
	5) Construction of high-rise residential building for Govt. employees at Noakhali	Project Ongoing. Progress 27%		
	6) Construction of residential flats for Govt. employees 36 abandon house at Chattogram	Project Completed	7 nontechnical manual on building vulnerability assessment and retrofitting design has been developed.	
	7) Urban Building Safety Project (UBSP)			
	8) "Project on Promoting Building Safety for Disaster Risk Reduction			

SDG Targets Assigned (Lead)	Actions taken against the target(project/programme)	Achievement Status (January 2016 to December 2021)	Act, Policy, Strategy, Plan, Reforms etc taken	Remarks
1	2	3	4	5
	(NHA): a. Low Income Community Housing Support Project No. of Family/House = 5700 b. Pro-Poor Slum Integration Project	Project Progress 66%		This Project is merged to above project
	(New): a. Construction of residential flat project at Bosila for rehabilitation of non-bangali of MohammadpurJeneva camp. (GoB) No. of Flat 6000 b. Construction of 9477 nos Flats as rental basis for Slum dwellers in Dhaka	Project approval process is ongoing. PEC meeting held. Project formulation is going on.		Small Scale project is under consideration.
	c. Construction of 1053 nos Flats as rental basis for Slum dwellers at HBRI, Mirpur area in Dhaka	Project formulation is going on.		Project formulation delayed for land related litigation.
	Self Finance Project(not included in SDG Action Plan): 1) NHA has developed 1926 Residential Plots under self finance in 10 different projects within 2016-2021	1926 plots developed & distribution going on.		
	2) NHA has constructed 1771 Residential flats under self finance in 10 different projects within 2016-2021	1771 flats constructed & distribution going on.		
	3) NHA is developing 1775 Residential plots under self finance in 12 different projects within 2016-2021	Project ongoing Progress 84%		
	4) NHA is constructing 6798 Residential flats under self finance in 14 different projects within 2016-2021	Project ongoing Progress 78%		
	RAJUK: a. Purbachal New Town Project at Yousufganj and Rupganj.	1. Total project area 6326 acre and total area for flat development is 325.322 acre. 2. Total plots Approx. 26000 developed & distributed.		Total Area for flat for low income group is 89.84 acre out of 325.322 acre. Small size apartments will be constructed by RAJUK for low income people.
	b. Uttara Apartment Project	6636 flats in 79 high rise building already constructed in Block-A.		In Block B & C total 15372 Nos. flat to be constructed on 214.44 acre of land.
	a. Urban renewal project for old Dhaka. (Renamed as "Urban regeneration project for old Dhaka")	PDPP has been approved by Ministry of Planning. Foreign funding has been confirmed by AIIB through ERD.	RAJUK is working on land redevelopment and land readjustment	

SDG Targets Assigned (Lead)	Actions taken against the target(project/programme)	Achievement Status (January 2016 to December 2021)	Act, Policy, Strategy, Plan, Reforms etc taken	Remarks
1	2	3	4	5
	1) Development of highrise building in Residential Area (Jhilmil) for low and middle-income citizens along Dhaka-Mawa Road.	Project Progress 62%. The Project area comprises of 381.11 acres of land. There will be about 1740 residential plots.	policy	Total 9,500 apartments for lower and middle income groups will be Constructed afterwards.
	CDA: a. Development of Annona Residential Area 1 st phase	Project Completed. 1742 plots developed in 175 acres of land.		
	HBRI: Research and development of Earthquake resilient Buildings. (2018-2020)	Project Progress 85%. To be completed within June'2022	1. 4 Universities from Bangladesh and 4 Universities from Japan are involved to prepare design manual. 2. BNBC has been modernized and updated through gazette notification named as BNBC-2020	
	KDA: KDA is developing 661 Residential flats under self finance within 2016-2021	Project ongoing Progress 97%		
	CoxDA: Cox's Bazar Development Authority Flat Development Project-1" (339 apartments)	Project ongoing Progress 65%		
11.3-By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries	(PWD & DoA): a) Construction of Park with modern facilities at Jamburi Field at Agrabad, Chittagong	Project Completed.		Related to 11.7.1
	RAJUK: 1) Purbachal New Town Project at Yousufganj and Rupganj. Duration: 1995-2018	Project Completed.		Project Mentioned under Target 11.1.1
	2) Integrated Development of Hatirjheel Area including Begun Bari Khal Project	Project Completed. 310 acre land beautification and improve traffic management has been developed.		Project Related to 11.7.1
	3) Project Name: Gulshan-Banani- Baridhara Lake Improvement & beautification Project (2010-2017)	Project progress 16%. 1.1 Km Lake & 3 km walkway to be completed.		Project Related to 11.7.1
	4) Uttara Lake Improvement & beautification Project	Project progress 79%. 2.5 Km lake driving road and 3.8 km lake to be completed.		Project Related to 11.7.1
	New Projects. 1. Keranigonj Model Town Project. (Area: 2200 acre approx.)	Feasibility study ongoing. Report will be finalized soon.		Estimated flat 20,000 nos. & plot 2550 nos.

SDG Targets Assigned (Lead)	Actions taken against the target(project/programme)	Achievement Status (January2016 to December 2021)	Act, Policy, Strategy, Plan, Reforms etc taken	Remarks
1	2	3	4	5
	2. Residential Cum Commercial Land Development Project Beside Purbachal Link Road (Area:205 acres)	Renamed as "Estern Fringe residential cum commercial project". Feasibility study ongoing.		Estimated Flat 8554 Nos.
	3. Flood zone and water body conservation and compact township development project in western part of RAJUK area. (Renamed as "Conservation of TURAG flood flow zone and develop smart city under Compact Township Development Project.)	A feasibility study on the project is going on by the technical and financial assistance of China.		Estimated flat 40,000 nos. plot 10,000 nos.
	a). Preparation of Revised Detailed Area Plan (2016-2035) for Dhaka Metropolitan Development Plan.	Revised DAP (2016-2035) has been finalized/recommended by Cabinet Committee and under process of gazette notification.	Online based land use clearance and plan permission system has been started from 2018.	
	(UDD) Structure Plan, Urban Area Plan and Detailed Area Plan for Barishal Divisional Town	Project Completed	1) Draft Urban and Regional Planning Act 2021 has been recommended by Cabinet Committee. 2) Draft Land Readjustment Policy	
	Structure Plan, Urban Area Plan and Detailed Area Plan for Sylhet Divisional Town	Project Completed		
	Preparation of Development Plan for Cox's Bazar Town and Sea beach uptoTeknaf.	Project Completed		
	Preparation of Structure Plan and Action Plan for Madaripur and RajoirUpazila	Project Completed		
	Mymensingh Strategic Development Plan	Project Completed		
	Preparation of Development Plan for Benapole-Jessore Highway Corridor	Project Completed		
	Preparation of Development Plan for Fourteen Upazilas	Project Completed		
	Preparation of Development MirsharaiUpazila, Chittagong District	Project Completed		
	Preparation of Pyra-Kuakata Comprehensive Plan focusing on Eco-Tourism	Project Ongoing, Progress 50%		
	Preparation of Development Plan for KushtiaSadarUpazila	Project Ongoing, Progress 82%		
	Preparation of Comprehensive Development plan for Nine Upazilas.	Project Ongoing, Progress 10%		
	(CoxDA) Formulating Master Plan of the tourism city Cox's Bazar	Project Ongoing, Progress 05%		
11.7.1(Co-Lead) Average share of the built-up area of cities that is open space for public use for all, by sex, age and disabilities,	(PWD & DoA): i. Construction of park & playground on bare land of PWD at Coxsbazar	Project Ongoing, Progress 76%, to be completed within June'2022		
	ii. Internal Development and beautification project of Ramna Park	Project Ongoing, Progress 70%, to be completed within June'2022		

Progress according to Revised SDGs M&E Framework,2020:

Target	Indicator	Data Source	Baseline Data (Year)	Milestone for 2020 (According to SDGs M&E Framework 2017)	Progress upto December 2021 (Latest Data according to SDG tracker) (sdg.gov.bd)	Remarks
1	2	3	4	5	6	7
11.1- By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums	11.1.1- Proportion of urban population living in slums, informal settlements or inadequate housing	a) BBS (Census of Slum Areas and Floating Population), SID b) UN-Habitat	a) 55.10% (UN-Habitat, 2014) b) 6.3% (Only Slum, BBS, 2014)	40%		BBS is requested to provide data for progress upto December 2021 in SDG's Tracker.
11.3- By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries	11.3.1- Ratio of land consumption rate to population growth rate	a) Development Authorities, i.e. RAJUK, CDA, KDA etc. b) UDD c) UN-Habitat	-	-	-	UDD-Meta data has been uploaded in SDG Tracker and meeting already held with the BBS and the BBS will finalize and upload in SDG Tracker. RAJUK-Data for the Year 2019 has been uploaded in the SDG Tracker by the data provider from RAJUK. Now in data approver's account. Meta data submitted to BBS for check. RAJUK and UDD have been requested to coordinate with BBS and to finalize the issue.
	11.3.2- Proportion of cities with a direct participation structure of civil society in urban planning and management that operate regularly and democratically.	LGD	-	-	-	LGD and BBS is requested to provide data for this indicator.
	11.7.1 Average share of the built-up area of cities that is open space for public use for all, by sex, age and persons with disabilities	a) MoHPW (Development Authorities, i.e. RAJUK, CDA, KDA, UDD etc.) c) UDD, MoHPW	-	-	-	UDD - Meta data has been uploaded in SDG Tracker and meeting already held with the BBS and the BBS will finalize and upload in SDG Tracker. UDD is requested to coordinate with BBS

Target	Indicator	Data Source	Baseline Data (Year)	Milestone for 2020 (According to SDGs M&E Framework 2017)	Progress upto December 2021 (Latest Data according to SDG tracker) (sdg.gov.bd)	Remarks
1	2	3	4	5	6	7
11.a- Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning.	11.a.1- Number of countries that have national urban policies or regional development plans that (a) respond to population dynamics; (b) ensure balanced territorial development; and (c) increase local fiscal space.	a) LGD (City Corporations) b) Development Authorities. c) RAJUK, CDA, KDA, UDD etc.	-	-	-	* Meta Data has not yet been developed. * Urban and Regional Planning Act-2021 (Draft)" has been recommended by cabinet Committee.

SDGs Localization:

SDG Target	SDG Indicator	Action	Period	Responsible Agency/ Department	Budget	Source of Fund	Beneficiary (Marginalized and Vulnerable people)	Level of Localization a. District b. Upazila c. Both
1	2	3	4	5	6	7	8	9
11.1- By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums. (Lead: MoHPW)	11.1.1- Proportion of urban population living in slums, informal settlements or inadequate housing. (Lead: MoHPW)	Low Income Community Housing Support Project.	2018-2023	NHA	304.00 (Crore)	GOB & WB	5775 Families	Dist Level Sirajganj, Cumilla
11.3- By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries	11.3.1- Ratio of land consumption rate to population growth rate	Structure Plan, Urban Area Plan and Detailed Area Plan for Sylhet and Barishal Divisional Town	2010-2030	UDD	551.91	GOB	874576	District
		Preparation of Development Plan for Cox's Bazar Town and Sea Beach upto Teknaf	2011-2031	UDD	3.581	GOB	1641217	District
		Preparation of Structure Plan and Action Plan for Madaripur and Rajoir Upazila	2015-2035	UDD	208.94	GOB	697894	Both
		Mymensingh Strategic Development Plan	2011-2031	UDD	215.71	GOB	8,95,665	Both
		Preparation of Development Plan for Benapole-Jessore Highway Corridor	2013-2033	UDD	218.54	GOB	7,24,000	Both
		Preparation of Development Plan for Fourteen Upazilas	2018-2037	UDD	2054.44	GOB	5796292	Both
		Preparation of Development Plan for Mirsharai Upazila, Chittagong District	2017-2037	UDD	538.26	GOB	759260 (without EZ impact)	Both
		Preparation of Pyra-Kuakata Comprehensive Plan focusing on Eco-Tourism	Ongoing Project	UDD	538.26	GOB	1581501	Both

SDG Target	SDG Indicator	Action	Period	Responsible Agency/ Department	Budget	Source of Fund	Beneficiary (Marginalized and Vulnerable people)	Level of Localization a. District b. Upazila c. Both
		Preparation of Development Plan for KushtiaSadarUpazila	2016-2036	UDD	195.00	GOB	698048	Both
		Preparation of omprehensive Development plan for Nine Upazilas	Ongoing Project	UDD	3985.13	GOB	874576	Upazilas
11.7 By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities	11.7.1 Average share of the builtup area of cities that is open space for public use for all, by sex, age and persons with disabilities	RAJUK has taken a project named "Sheikh Rasel Water based Recreational Park, Ghatarchar, Keraniganj". Preparation of the Development (DPP) and draft layout design of this project is going on. The objective of this project is to reduce water logging and flood by conservation of waterbody and to create recreational facility and public space for the inhabitants.	July 2019-June 2024	RAJUK	BDT 15482.24 Lac	GOB	All the People of the locality and surrounding including poor, presons with disabilities, ethnic minority group, etc.	Both

Challenges:

Cross-cutting issues, incorporating private sector within data generating structure, arranging fruitful stakeholder consultation, availability of fund, timely not completion of projects, unplanned/rapid urbanization (development before planning), lack of coordination among the govt. and private agencies, non availability of data/information are main challenges to achieve SDG goal-11. There are 7 Lead Ministries/Divisions (MoHPW, LGD, MoDMR, RTHD, MoCA, MoWCA, ERD) for different indicators under goal-11. So Coordination among Ministries/Divisions is a huge challenge. Private sector is playing key role in supplying housing units against market demand but they are not incorporated under any framework to implement SDG.

Translating the Sustainable Development Goals (SDGs) into practice at the local level remains a significant challenge in Bangladesh. Although localization of SDGs has been at the core of the GoB's national priorities, when it comes to spearheading the overall approach to achieve the Agenda 2030, there are still no clear institutional mechanisms for localizing SDGs with the involvement of local government institutions (LGIs) in Bangladesh. The Rapid/unplanned Urbanization witnessed worldwide has led to increased pressure on the Environment. The challenge to reach targets of Goal-11 includes:

- ❖ Land use planning for the country need to be implemented. In NPT(39+1) target for land use has been set as 55% of land to be used in agriculture and 20% for forestry. So, remaining 25% of land is available for all other activities like human settlement and public administration, industry and commerce, transportation and communication etc. Fare share of land for human settlement need to be identified and demarketed nationwide. Housing issues are not covered in National priority traget (NPT 39+1).
- ❖ The main drawback in the context is the lack of co-ordination and co-operation among different organizations in case of policy formulation, program and project implementation.

- ❖ Master plans are scarcely synchronized resulting in conflicts between master plans during implementation.
- ❖ Rapid urbanization has created increased demand for housing resulting housing unit deficit, thus unplanned urbanization (development before planning) happens which need to be avoided.
- ❖ Environmentally challenged areas such as coastal, haor, river bank erosion areas have been major sources of poor rural migrants who move to urban areas and create more challenges.
- ❖ There is no National Urban Policy yet. Comprehensive and intergrated urban policy should be developed and implemented by MoHPW.

There are some project related challenges:

- ❖ Gap in between Field Data and Planning Period
- ❖ Poor quality of Development Project proposal (DPP) due to poor feasibility study and inadequate/ preliminary design of proposed structure.
- ❖ Time over run resulting cost overrun due to intervention to change the scope of work/item after approval of project/purchase proposal by requiring body/project owner.
- ❖ Annual Work Plan and Procurement Plan are not prepared properly at the beginning of the Financial Year
- ❖ Lack of proper monitoring and Inter-ministerial coordination.
- ❖ Frequent change of the Project Directors.

Data Related Challenges are:

- ❖ Challenge of collecting local Data
- ❖ Inconsistence Data Collection Methodology
- ❖ Application of modern technology
- ❖ Insufficient Secondary Data
- ❖ Training of Data collector
- ❖ Periodical Data Update

6. Way Forward:

Cities and human settlements can be turned into an inclusive, safe, resilient, planned, happy, affluent, habitable, festive and sustainable through maintaining proper planning such as: Reformation of the overall infrastructures especially the institutional and administrative frameworks. The challenges can be mitigated by-

- ❖ Co-ordination and co-operation among different organizations by meeting among them before project formulation.
- ❖ Increasing public awareness by arranging various seminars, workshops, training programs and celebrate several days on the occasions about the gruesomeness of environmental effects of unplanned urbanization;
- ❖ Forming mixed area from which residents can get all available amenities close in hand to reduce unendurable sufferings. Decentralization of powers and responsibilities to ensure effectiveness of the cities.
- ❖ Making integrated, congestion free, environmental friendly and cost effective transportation planning. To give priority on walking on foot within the city and recovering pavements which still under the grab of influential people.

- ❖ Promoting sound Urban Planning, Sustainable green building, Low carbon transport, green spaces and sustainable lifestyle.
- ❖ Investment in renewable energy, waste management, sustainable and green infrastructure
- ❖ Developing Unique Data collection Methodology, Timely Data Review and Update, Use of Modern Technology for Data Collection.
- ❖ Availability of structured data and data related resources (including human resource) for Ministries/Divisions/agencies, thus better and need based project proposal (DPP) can be developed.
- ❖ Developing DPP by proper planning and resources allocation on the basis of proper feasibility study.
- ❖ Intervention to change scope of work need to be avoided unless/otherwise force majeure.
- ❖ BNBC need to be followed strictly in construction work.
- ❖ Prepare master plan for urban areas and follow it properly.
- ❖ Creation of effective project monitoring, evaluation and review unit in Ministries/Divisions.

TKB
28/04/2022
(মোহাম্মদ আবুল কালাম আজাদ)
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28/4/2022
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