



নাগরিক সম্মেলন ২০১৭  
বাংলাদেশে  
এসডিজি বাস্তবায়ন  
কাউকে পেছনে রাখা যাবে না  
৬ ডিসেম্বর ২০১৭



Citizen's Platform for SDGs, Bangladesh  
এসডিজি বাস্তবায়নে নাগরিক প্ল্যাটফর্ম, বাংলাদেশ

সমান্তরাল অধিবেশন (১)  
অর্থনৈতিক প্রসঙ্গ

কৃষিবিদ ইন্সটিটিউশন বাংলাদেশ, ঢাকা

# Vision for Developing Infrastructure for People Leaving Behind in Bangladesh

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# Traditional Form of Infrastructure Development vs Specific Needs of Vulnerable Groups

- Nature and extent of vulnerability developed from different adversities
  - Addressing those need different means and instruments
- Traditional form of infrastructure may not cater to the specific needs of vulnerable groups
  - Electricity, gas, roads, railways and waterways, sanitation, transport and IT
- Vulnerable groups may constrained by either of the following
  - Lack of availability
  - Lack of accessibility
  - Lack of affordability

Figure 1: Vulnerability Criteria



Source: Authors' elaboration.

## Infrastructure Development: Did Vulnerable Groups Benefit Equally?

Series Name	1990	2000	2010
Railways, passengers carried (million passenger-km)	4587	3941	7305
Railways, goods transported (million ton-km)	651	777	710
Electric power consumption (kWh per capita)	48	101	240
Access to electricity, urban (% of urban population)		81.2	90.1

- Despite having significant positive impact of developed infrastructure in the country, there is limited impact of those on different vulnerable groups.

# Level of Difficulty Confronted by Vulnerable Groups in Different Infrastructure

	Electricity	Roads	Railways	Waterways	IT
Income Based					
Gender Based					
Geographical Based					
Life Cycle					
Civil Identity					
Disability					
Education and Skills					
Health					
Occupation					
Religion and Ethnicity					
Sexual Orientation					
Shock Induced Vulnerability					

# Target 2030 on Infrastructure Development for Vulnerable Groups

Infrastructure	Availability	Accessibility	Affordability
Electricity	Red to Green gradient	Red to Green gradient	Red to Green gradient
Gas	Red to Green gradient	Red to Green gradient	Red to Green gradient
Road	Red to Green gradient	Red to Green gradient	Red to Green gradient
Rail	Red to Green gradient	Red to Green gradient	Red to Green gradient
Waterways	Red to Green gradient	Red to Green gradient	Red to Green gradient
Road Transport	Red to Green gradient	Red to Green gradient	Red to Green gradient
Rail Transport	Red to Green gradient	Red to Green gradient	Red to Green gradient
Water Transport	Red to Green gradient	Red to Green gradient	Red to Green gradient
IT	Red to Green gradient	Red to Green gradient	Red to Green gradient

## SDGs on Infrastructure

### Goal 9: Industry, Innovation and Infrastructure

**9.1 Develop quality, reliable, sustainable and resilient infrastructure**

**9.a Facilitate sustainable and resilient infrastructure development in developing countries and technical support to African countries, least developed countries, landlocked developing countries and Small Island developing States 18**

**9.4 By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes**

# National Policy for Vulnerable Groups Addressing the Need of Customized Infrastructure

## **National Women Development Policy**

1. Build up physical infrastructure targeted at development of women in all the districts and sub divisions of the country
2. Impart vocational training for broad based employment of women
3. To provide necessary support services for development of women
4. Ensuring facilities to the female children for their safe and quality excursion
5. To build separate sports complex for the women at the local level



# National Policy for Vulnerable Groups Addressing the Need of Customized Infrastructure

## **Bangladesh Persons with Disability Welfare Act**

1. To disseminate information on measures to avert accidents causing disabilities
2. To supply supportive logistics/materials for curative treatment (or considered cure -friendly) to the persons with disabilities from the Hospitals, Health Complexes and Rehabilitative Centers either cost-free or at low-cost.
3. Introducing Counseling Services for physical and mental development, education and employment of the children with disabilities.
4. Undertake measures to allow remission of import duties on equipment and accessories to be used by the persons with disabilities
5. Endeavour to create opportunities for integration of students with disabilities in the usual class-set-up of regular normal schools wherever possible
6. Undertake programs for imparting vocational training for the disabled
7. To arrange easy transport facilities for up-down journey to school for the students with disabilities

# National Policy for Vulnerable Groups Addressing the Need of Customized Infrastructure

## National Child Policy

1. All infrastructures, facilities and services shall be made accessible to all to ensure that no child is deprived of any kinds of right and receiving services under the National Child Policy because of their disability.
2. Must shall be ensured to make provisions for specific educational institution, educational method and material, if necessary for the autistic children
3. The working efficiency of the offices under Ministry of Women and Children Affairs shall increase through the development of infrastructures and necessary expansion of such offices.
4. The issue of child development shall be considered as prioritized one in the national development program. In this perspective, initiatives shall be to specifically include implementation of child rights and issues of children development in all the perspective development plans and to allocate enough funds on this account in the national budget.

# National Policy for Vulnerable Groups Addressing the Need of Customized Infrastructure

## Youth Policy

- To establish network of training and technical advice Centre for the youth from national to grass root level with a view to imparting skill development training to youths for human resource development under the initiatives of government and private sectors
- Realistic and updated training centers will be established throughout the country including supply of modern training equipment in the existing training centers. Proper training on entrepreneurship development will be given to youths from these centers.
- By turns computer training infrastructure will have been brought under internet connection up to Upazilla level.
- Assistance will be given to concerned Ministry/ Department and, if necessary, to youth organization for offering grant and recognition in developing industry, fish cultivation, afforestation and plantation by youth organizations.
- Appropriate technology based training program will be extended with the cooperation of related Department/ Organizations for creating scientific mentality and environment amongst the youth.

# National Policy for Vulnerable Groups Addressing the Need of Customized Infrastructure

## **Tribal Peoples Plan**

1. Screen all development and construction interventions to determine presence of TPs and, if so, ensure their direct participation in selection, design and implementation of the project's activities
2. Review coverage of service by CCs in tribal/ethnic minority areas. For households that are far from the closest health facilities or disconnected by stream/river/steep slope, satellite clinics or mobile clinics could be considered to extend the coverage.
3. Support to infrastructure and service delivery in the public sector to fill in gaps and make the services more user friendly. If applicable, complement the public sector service delivery by engaging the private sector, more so at the community level
4. Manpower development by way of better recruitment, training and rewards systems
5. Ensuring involvement of and dissemination of information to the communities
6. Overcoming misconception and distractions keeping people away from utilizing quality services

## Concluding Remarks

- Mainstreaming the customized infrastructure requirement for vulnerable groups
  - Long term infrastructure plans have little mention about those
- Gradually shifting the priority of infrastructure development
  - From availability based infrastructure development to accessible and affordable infrastructure development
  - Provide equal importance in developing infrastructure for vulnerable groups
- Exploring customized form of infrastructure development for vulnerable groups
  - Necessary allocation of fund for developing those infrastructure

Thank you.