



The Sustainable Development Goals: Transforming our world

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Sustainable Development Goals (SDGs)









- The UNGA in September 2015 adopted a path for Transforming Our World: the 2030 Agenda for sustainable development.
- 17 Goals; 169 targets & 232 indicators.
- End poverty and hunger, reduce inequalities, empower women, and generate inclusive growth, 'leaving no one behind'.

SUSTAINABLE DEVELOPMENT GOALS



Attainment of MDGs by Bangladesh

MDGs	Targets Achieved	Base Year 1990-91	Current Status	Target 2015	Status of Progress
 1	Proportion of people below national upper poverty line (%) (Cost of Basic Need=CBN method)	56.7	24.8 (GED 2015)	29.0	Goal met
 2	Net Enrolment Ratio in Primary Education (%)	60.5	98 (2014, DPE)	100.0	Goal met
 3	Ratio of girls to boys in Primary education (Gender Parity Index, GPI=Girls/Boys)	0.83	1.03 (DPE 2014)	1.0	Goal met
 4	Under-five (6-59 months) Mortality Rate (per 1000 live births)	146	41 (SVRS 2013)	48	Goal met
 5	Maternal Mortality Ratio (per 100,000 live births)	574	170 (MMEIG 2013)	143	Substantial Progress
 6	Deaths of Malaria per 100,000 Pop ⁿ	1.4	0.34 (NMCP 2014)	0.6	Goal met



17 Sustainable Development Goals (SDGs)



Goal 1. End poverty in all its forms everywhere

Goal 2. End hunger, achieve **food security** and improved nutrition and promote **sustainable agriculture**

Goal 3. Ensure healthy lives and promote well-being for all at all ages

Goal 4. Ensure inclusive and equitable **quality education** and promote lifelong learning opportunities for all

Goal 5. Achieve **gender equality** and empower all women and girls

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Goal 6. Ensure availability and sustainable management of **water and sanitation** for all

Goal 7. Ensure access to affordable, reliable, sustainable and **modern energy for all**

Goal 8. Promote sustained, inclusive and sustainable **economic growth**, full and productive **employment and decent work** for all

Goal 9. Build resilient infrastructure, promote inclusive and **sustainable industrialization and foster innovation**

Goal 10. Reduce inequality within and among countries

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- Goal 11.** Make **cities and human settlements inclusive**, safe, resilient and sustainable
- Goal 12.** Ensure **sustainable consumption and production** patterns
- Goal 13.** Take urgent action to **combat climate change** and its impacts
- Goal 14.** Conserve and sustainable use the oceans, seas and **marine resources** for sustainable development
- Goal 15.** Protect, restore and promote sustainable use of terrestrial ecosystems, sustainable manage forests, combat desertification, and halt and reverse land degradation and **halt biodiversity loss.**

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- Goal 16.** Promote **peaceful and inclusive societies** for sustainable development, provide access to **justice for all** and build **effective, accountable** and **inclusive institutions** at all levels
- Goal 17.** Strengthen the **means of implementation** and revitalize the **Global Partnership** for Sustainable Development

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Relevancy of the SDGs: The Goals and Targets

Out of 17 Goals **9 Goals** are related with MoA

Out of 169 targets **30 targets** are related with MoA

Will have to play **lead role** for achieving **5 targets**

Co-Lead role for **4 targets**

Associate role for **21 targets**

Out of 230 indicators, **07** are related with MOA

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Role of MoA for the SDGs: The Goals and Targets

Goals	Targets		
	Lead	Co-lead	Associate
Goal 1: Poverty	-	-	1.1-1.5
Goal 2: Hunger and Nutrition	2.1, 2.3, 2.4, 2.5, 2.a	-	2.2, 2b
Goal 6: Water and Sanitation	-	6.4	-
Goal 8: Inclusive growth, Employment	-	8.2	8.4
Goal 9: Resilient infrastructure	-	9.5	9.4, 9b
Goal 10: Reduce inequality	-	-	10.1, 10.2
Goal 12: Sustainable consumption and production	-	12.3	12.1, 12.4
Goal 15: Ecosystem and biodiversity	-	-	15.1, 15.3-15.6, 15.8
Goal 17: Global partnership	-	-	17.18

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Ministry of Agriculture and Co-lead Targets:

**Target 6.4: 2030, substantially increase water-use efficiency....
and ensure sustainable withdrawals and supply of freshwater**

.....

**Trget 8.2 Achieve higher levels of economic productivity
through diversification, technological upgrading and
innovation.....**

**Trget 9.5: Enhance scientific research, upgrade the
technological capabilities**

**Trget 12.3: By 2030, halve per capita global food waste at the
retail and consumer levels and reduce food losses**

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টেকসই উন্নয়ন অভীষ্ট - ২

**End hunger, achieve food security and
improve nutrition, and promote sustainable
agriculture**

ক্ষুধার অবসান, খাদ্য নিরাপত্তা ও উন্নত পুষ্টিমান অর্জন
এবং টেকসই কৃষির প্রসার

Ministry of Agriculture Lead Targets



Target 2.1: produce safe, nutritious and sufficient food all year round

Target 2.3:... double the agricultural productivity

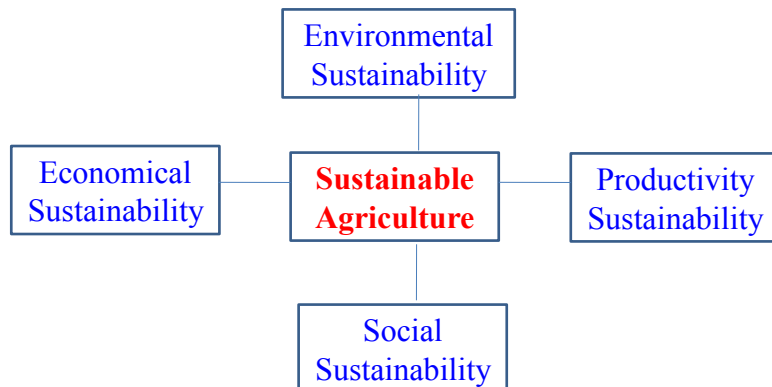
**Trget 2.4 :..... ensure sustainable food production
..... maintain ecosystems, that strengthen capacity for adaptation to climate change**

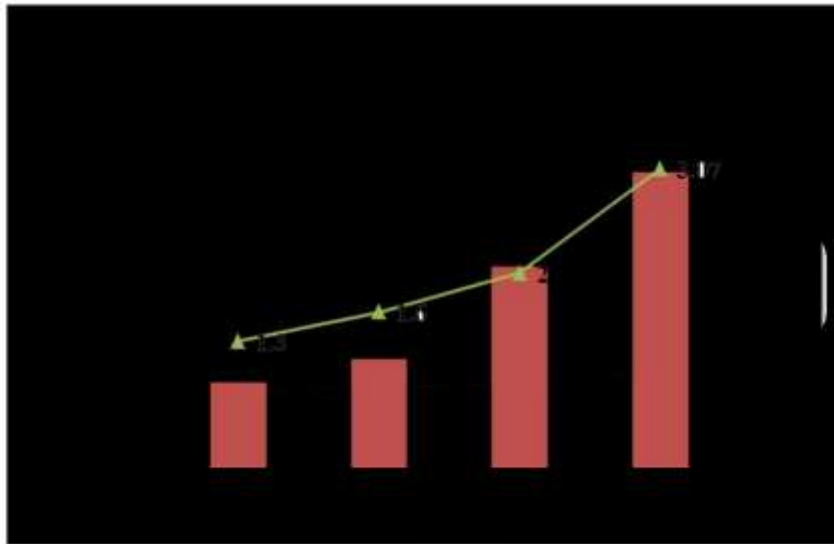
Target 2.5 By 2020, maintain the genetic diversity of seeds, cultivated plants ...

2.a Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services.....

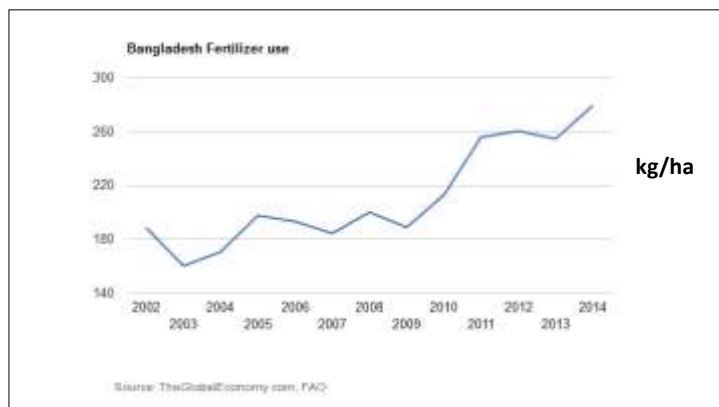


Sustainable Agriculture:





Source: MoA 2017



Fertilizer Consumption trends in Bangladesh kg/ha





Table: Food Demand (million ton)

Food items	Present consumption (Grams/capita/day)	Demand		Availability
		2015	2030	2015
Rice	416	28.3	34.0	34.71
Wheat	26	1.7	2.0	1.35
Pulses	14.3	0.9	1.1	0.89
Potato	70.3	4.5	5.5	9.25
Vegetables	166.1	10.7	12.9	15.26
Fruits	44.7	2.9	3.5	4.63

Source: HIES 2010 (Delta Plan-2100 (Draft) page:356)



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Table: Food Demand (million ton)

Food items	Desirable intake (Grams/capita/da)	Demand		Availability
		2015	2030	2015
Rice	350	25.7	31.2	34.71
Wheat	50	3.5	4.2	1.35
Pulses	50	3.5	4.2	0.89
Potato	100	6.9	8.4	9.25
Vegetables	300	20.7	25.1	15.26
Fruits	100	6.9	8.4	4.63

Source: Delta Plan-2100 (Draft) page: 357



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Strategies to achieve SDG-2 Targets

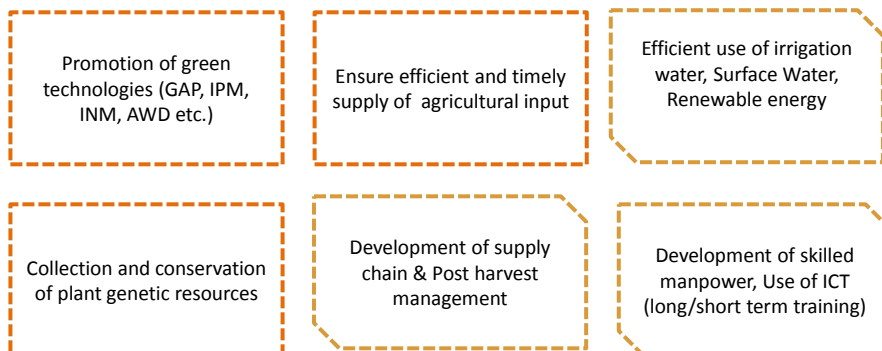


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Strategies to achieve SDG-2 Targets



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For achieving SDG-2, Ministry of Agriculture has prepared an Action Plan and identified 149 development projects in the Action Plan for the period 2017-2030. BDT 554710.00 Million (appx./Rough Estimate) will be required for implementing all these development projects during 2017-2030.

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Role of BIRRI for achieving SDG-02:

- Development of high yielding, hybrid and transgenic rice varieties.
- Increase agricultural productivity through modern technology transfer, minimizing yield gap, crop diversification & intensification with high value crop production.
- Development of climate smart rice varieties and Seed
- Farm Mechanization

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Role of BRRI for achieving SDG-02:

- Introduction of water saving technologies
- Popularization/Extension of environment friendly green technologies (e.g. GAP, IPM, INM, AWD, Dry seed bed, bio pesticides, organic agril. etc.)
- Emphasis on research and development work to mitigate stress, condition like drought, salinity, submergences, flooding & other disasters
- Collection, preservation and maintenance of plant genetic resource
- Human Resources Development



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Conclusion

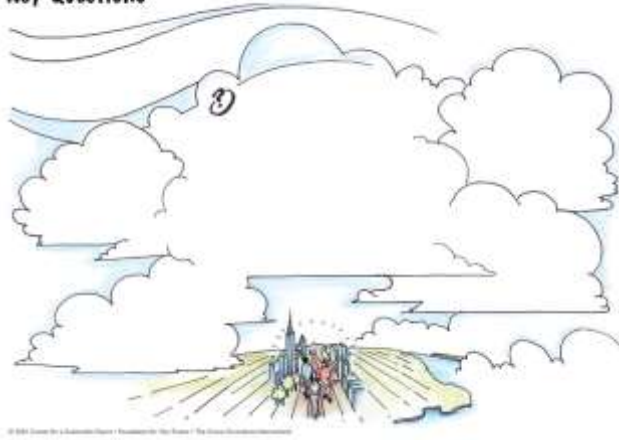
- Bangladesh has made remarkable progress in achieving the MDG
- Following the success & Strategies of achieving of MDG, MoA has prepared the action plan
- To achieve the SDGs an integrated approach and active participation of all stakeholders are needed
- Also needed capacity development & adequate resource mobilization
- Cooperation in national and international arena
- Effective monitoring is also required
- With a well planned action plan and its effective implementation Ministry of Agriculture will be able to achieve SDG-02 target by 2030.



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Key Questions



Visioning
Futures
Thinking
Envisioning
Scenarios

**A SUTAINABLE
FUTURE**

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