innovate for all

a2i
innovate for all

South South Network
Public Service Innovation

UNOSSC
UNITED NATIONS OFFICE FOR SOUTH-SOUTH COOPERATION
Division for Arab States, Europe and the CIS

Pacific Islands Development Forum

a2i

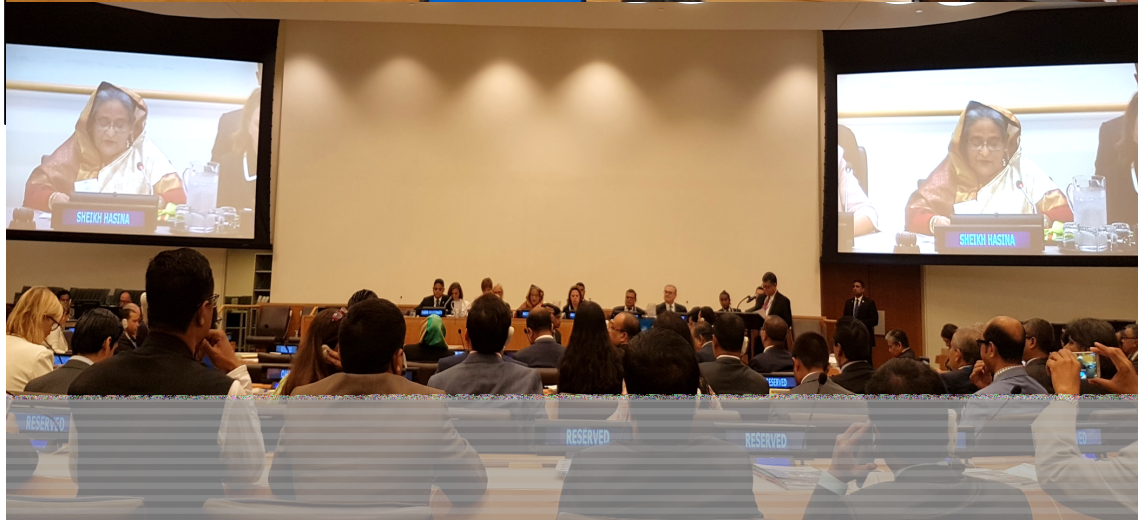
Cabinet Division

ICT DIVISION
FUTURE IS HERE

Global Launching of SDG Reporting Platform

20 September 2017 during UN General Assembly (HPM Of Bangladesh)

HPM Sheikh Hasina delivering her speech in UN General Assembly



Data Context in Bangladesh

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Data availability

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Data Quality

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Capacity development

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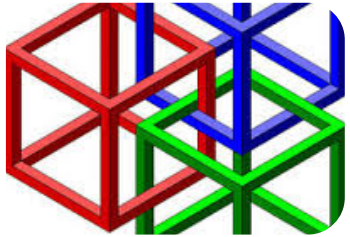
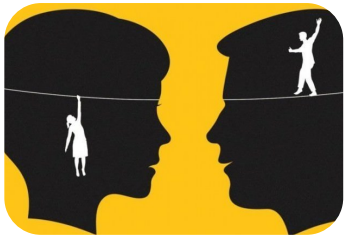
Data Visualization



systematic framework for Analytics



Gender disaggregated data

technologies and innovation

Coordination and Stakeholders' Engagement

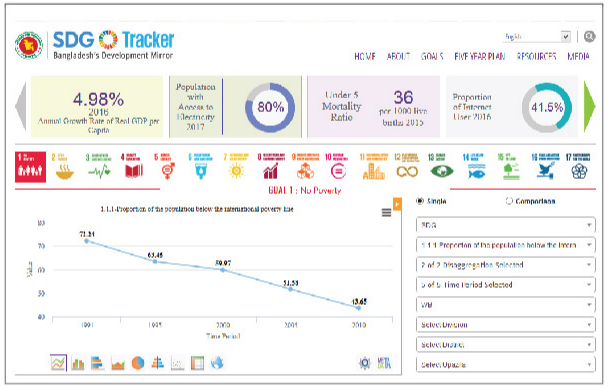
Data Sharing and Monitoring Mechanism

Integration and Interoperability

DATA CULTURE

OPEN GOVERNMENT DATA

Integration of agency silos to create a universally accessible data platform for citizens, researchers, private & public agencies, and policy makers



SDG TRACKER

Track Bangladesh's indicator-wise SDG achievement progress through an integrated data platform and advanced analytics

Bangladesh: Journey From MDG to SDGs

STATUS OF BANGLADESH AGAINST MDG TARGET

1 Eradicate Extreme Poverty and Hunger

Target: 29% of people living below poverty line
Status: ACHIEVED
26.2% (2013 est)

2 Achieve Universal Primary Education

Target: Net Enrolment Ratio (NER) 100%
Status: ON TRACK
97.3% (2013)

3 Promoting Gender Equity and Empowering Women

Target: Gender parity in primary education 1.0
Status: ON TRACK
1.00 (2013)

4 Reduce Child Mortality

Target: Under-five mortality rate 48 (per 1,000 live births)
Status: ACHIEVED
44 (2011 est)

5 Improve Maternal Health

Target: Maternal mortality 143 (per 100,000 live births)
Status: ON TRACK
194 (2010)

6 Combat HIV/ AIDS, Malaria and other Diseases

Target: HIV prevalence halting
Status: WELL ACHIEVED
HIV 0.1

7 Ensuring Environmental Sustainability

Target: Forest coverage 20% (TD>70%)
Status: NEEDS ATTENTION
13.20% (TD>30%)

8 Developing a Global Partnership for Development

Target: Develop further an open, rule based, predictable, non-discriminatory trading & financial system.
Status: Needs attention
Net ODA received US$2,871m (2013)
Debt Service 8.58%

Challenges

- Limited land for food production
- High population density
- Growing population
- Just 1 in 6 women employed in non-agricultural sector
- Protein and micronutrient deficiencies cause maternal and child malnutrition

Major misses

- Literacy
- Employment
- Environment

SOURCE: PLANNING COMMISSION, GOB

SLH/DT INFOGRAPHIC

Portal - Features and Functionality

Progress Tracked

Target and indicator focused

Data collected electronically through relevant sources based on coverage of geographical, time and frequency

Indicator Correlation

Supports correlation/comparison among indicators as changes in one indicator affects progress of the other

Disaggregation

Data - age, location, sex, race, religion, ethnic groups for identifying **'Left Behind'** groups and present sectoral goals

Data Visualization & Reporting

Visualises data in multiple tiers and manners (i.e. Bar, Column, Pie, Area, Pyramid, Scatter plot, Line Chart, Table, Map etc.) reflects implementation progress overtime

Constituency Tracker

To Accelerate the Progress of evidence-based development planning and decision making

Global Ranking

Analyzes across various Global Indices- represents country rank, frequency of publication, yearly comparison, etc.

Government Manifesto

Synergies indicators across Development Planning agendas & Prioritised contextual SDG indicators

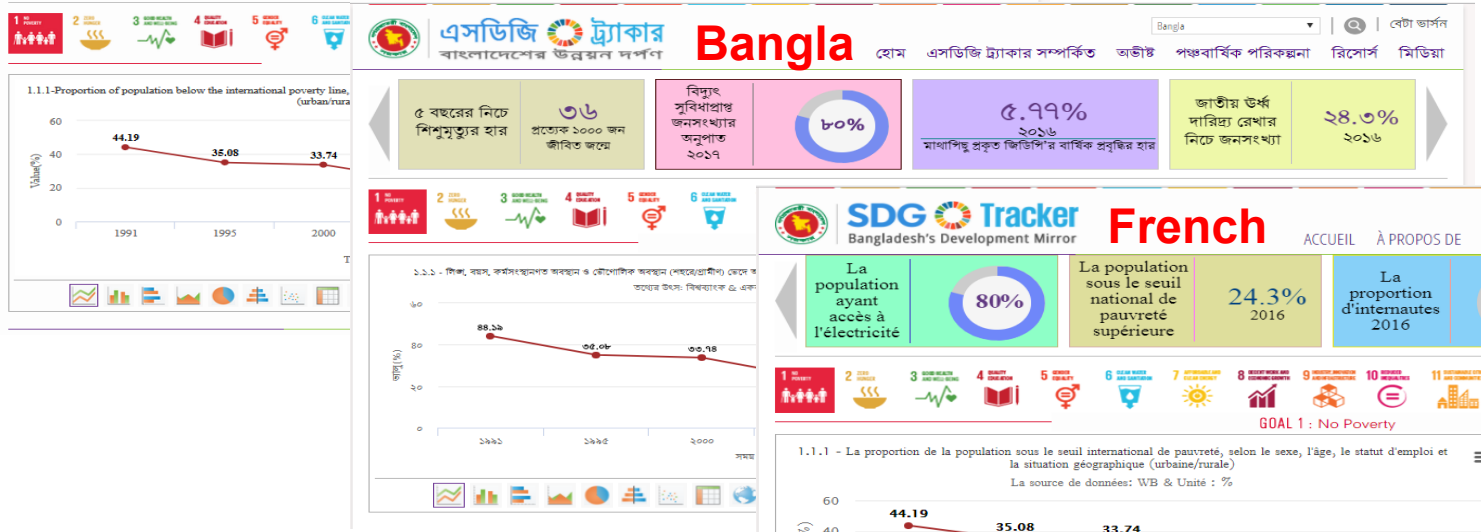
39+1 Priority Indicators:

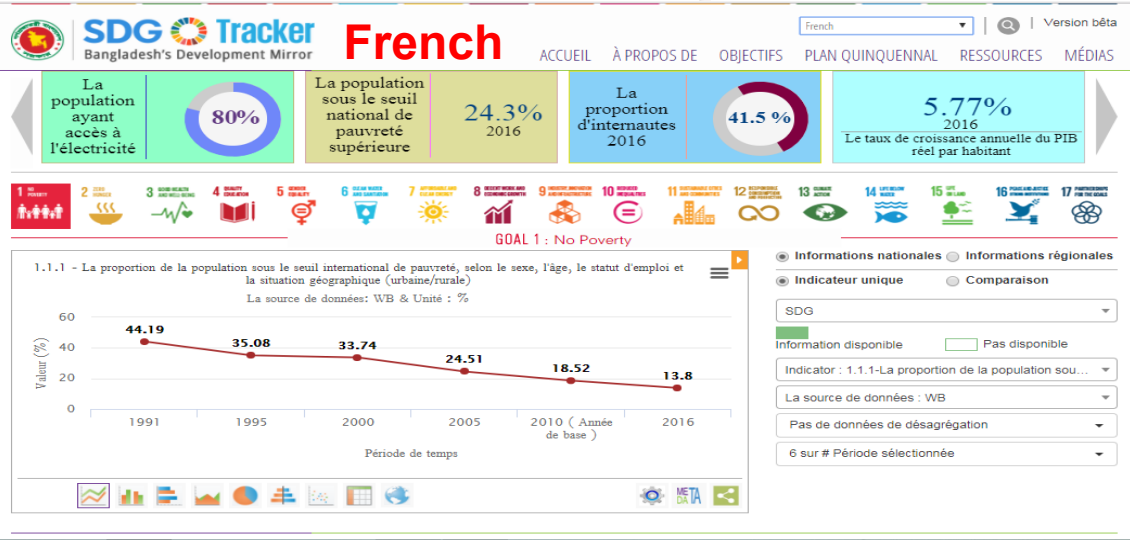
Effective, Efficient, Timely implementation on country context & localisation of priortiised goals

Resources

SDG Reports, MDG Reports, UN Resolutions on SDGs, M&E Framework, UN SDG Reports, SDGs Financial Strategies, Statements, Global SDG Tracking and SDG Tracking etc.

SDG Portal in Multi-language





SDG Tracker Login

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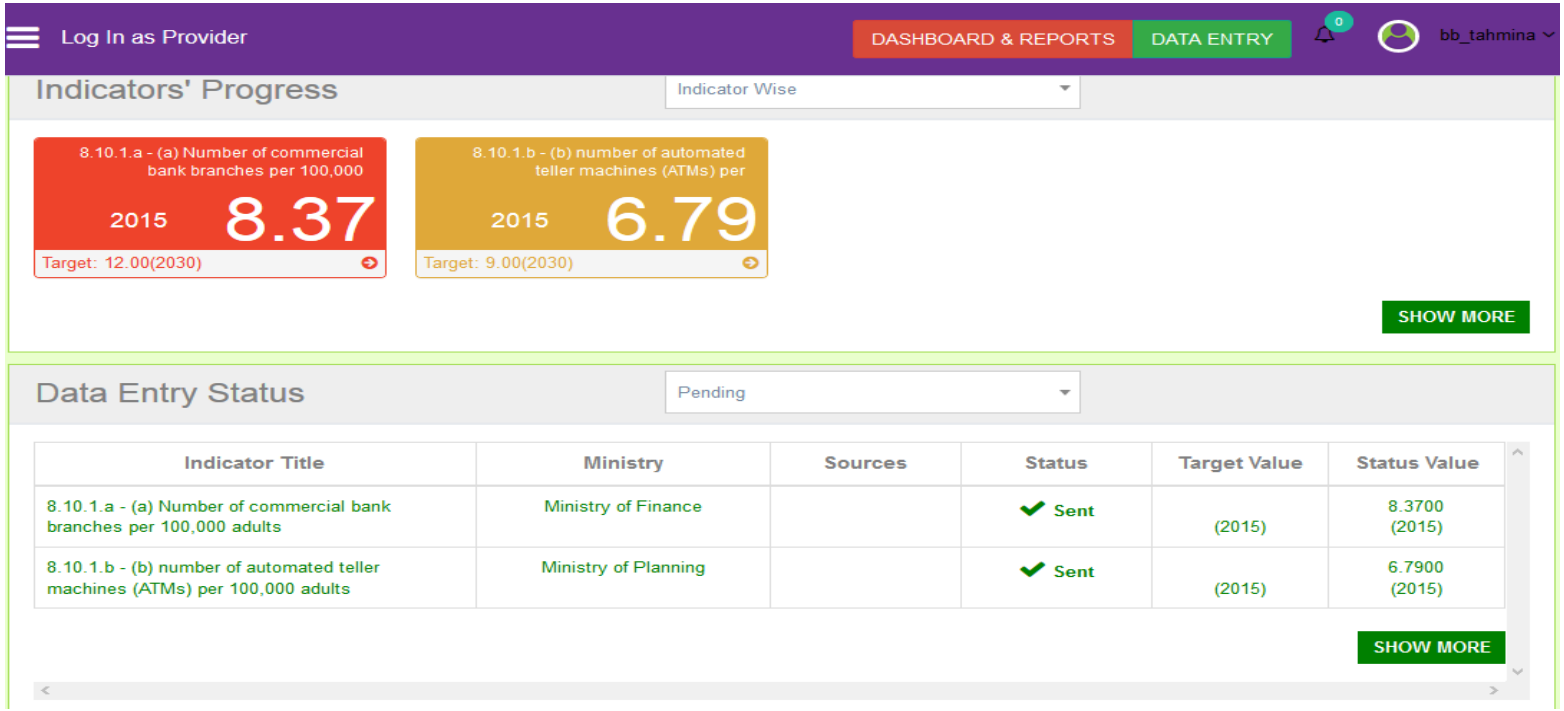
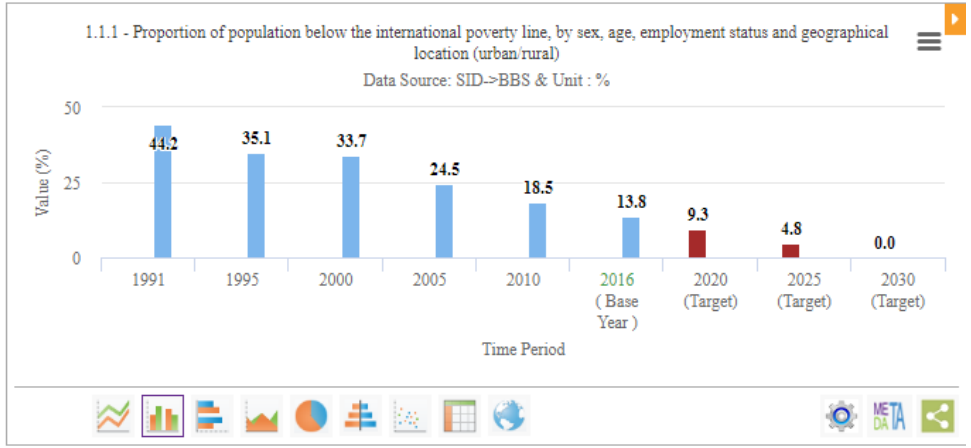
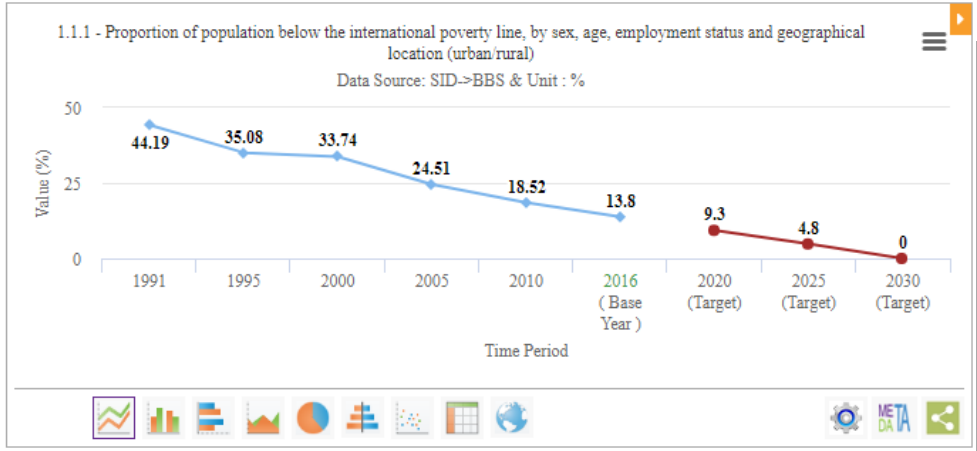
Dashboard

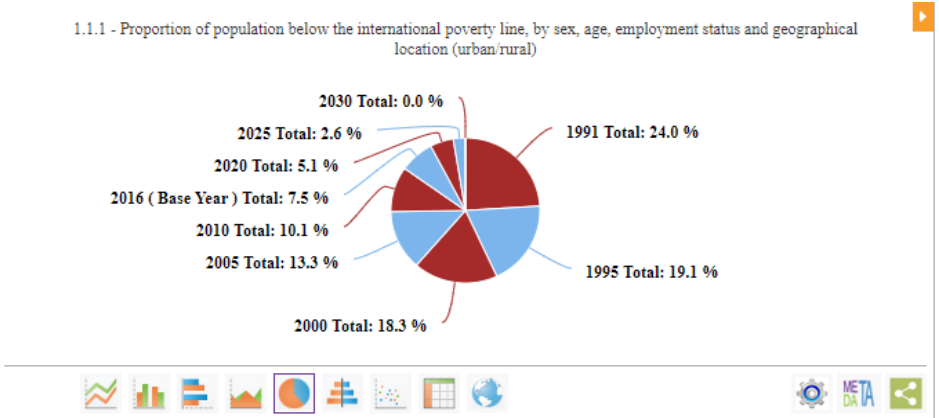

Log In as Provider
DASHBOARD & REPORTS
DATA ENTRY
0
bb_tahmina
Indicators' Progress
Indicator Wise
8.10.1.a - (a) Number of commercial bank branches per 100,000
2015
8.37
Target: 12.00(2030)
8.10.1.b - (b) number of automated teller machines (ATMs) per
2015
6.79
Target: 9.00(2030)
SHOW MORE
Data Entry Status
Pending
Indicator Title
Ministry
Sources
Status
Target Value
Status Value
8.10.1.a - (a) Number of commercial bank branches per 100,000 adults
Ministry of Finance
Sent
(2015)
8.3700 (2015)
8.10.1.b - (b) number of automated teller machines (ATMs) per 100,000 adults
Ministry of Planning
Sent
(2015)
6.7900 (2015)
SHOW MORE

SDG Data visualization





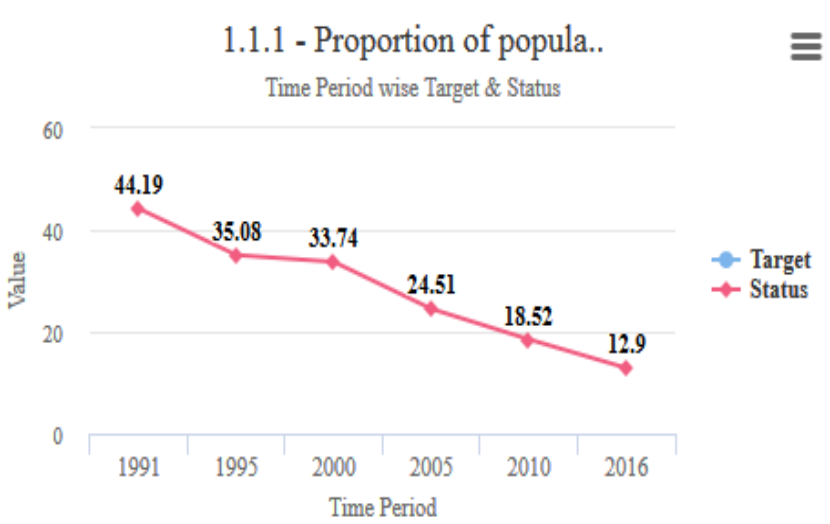
- Multiple visualization options
- Formatting facilities
- Download/save/print/share options

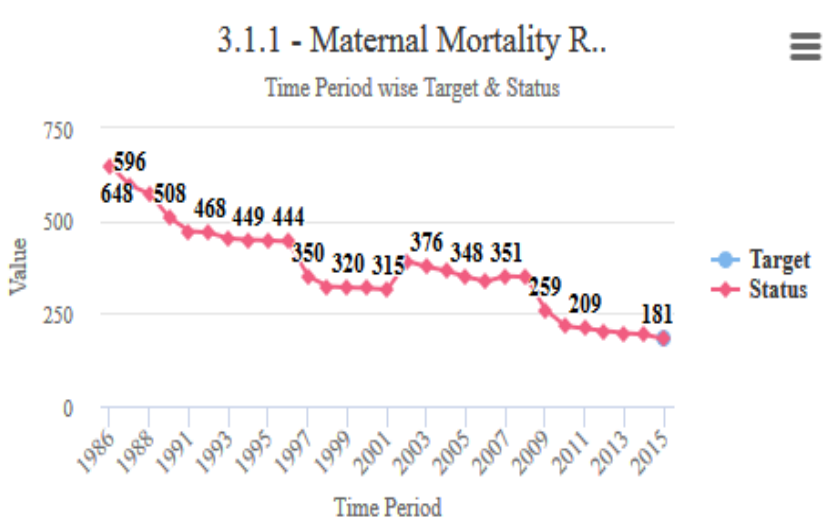


Data (Regional) visualization

Correlation among indicators

GOAL 1 : No Poverty





SDG Tracker
Bangladesh's Development Mirror

search

LOG IN

HOME ABOUT GOALS 39+1 INDICATORS MANIFESTO CONSTITUENCY DATA OTHERS

HELPING GOVERNMENTS AND STAKEHOLDERS MAKE THE SDGS A REALITY

SUSTAINABLE DEVELOPMENT GOAL 1

More

End poverty in all its forms everywhere

7	14	19
Targets	Indicators	providers

SDG Thematic corner for Data Analytics

Education

Finance

Infrastructure

Health

Agriculture

Transport

Technology

Society

Local-Govt

Environment

Economy

Business

Why Analytics!
Context of Leaving no one behind

Slum Education

Haor Education

Girls Education

CHT Education

Education for Street children

How to ensure quality Education for All!!!

Data analytics for policy decisions

SDG Tracker
Bangladesh's Development Mirror

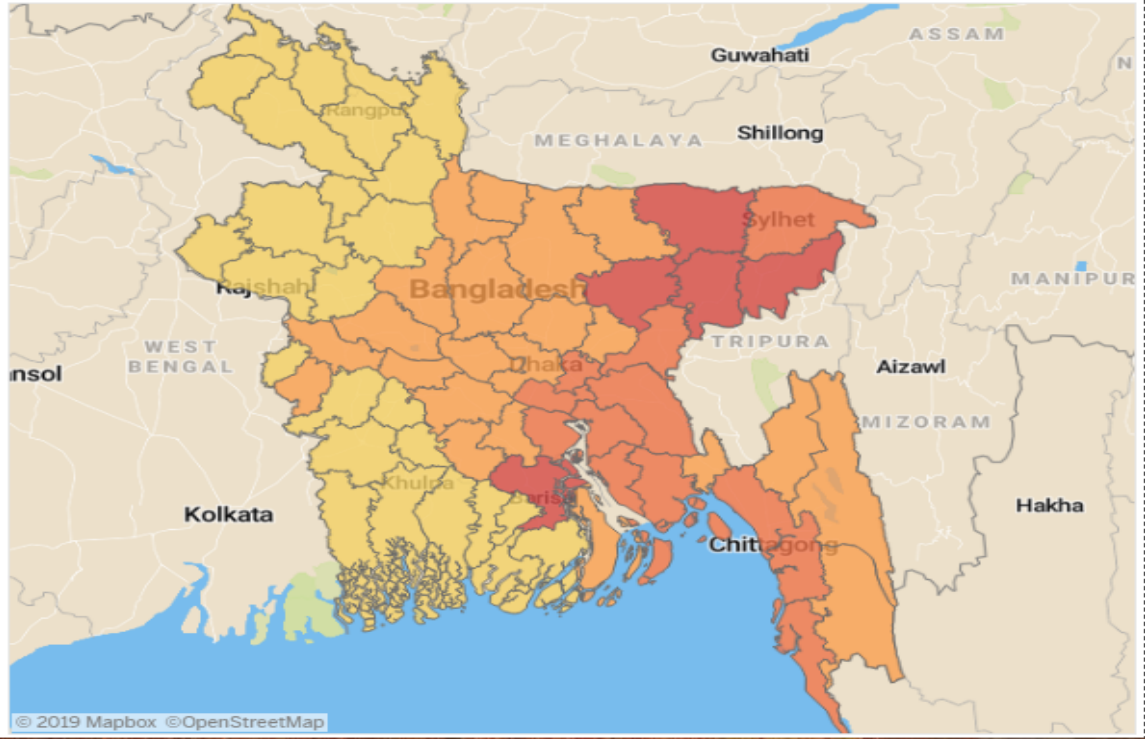
search | LOG IN

HOME | ABOUT | GOALS | 39+1 INDICATOR | RESOURCES | CONSTITUENCY DATA | OTHERS

District wise High Ratio of Student & Teacher

District	Division	District I
Habiganj	Sylhet	1
Kishoreganj	Dhaka	2
Sunamganj	Sylhet	3
Barisal	Barisal	4
Maulvibazar	Sylhet	5
Shariatpur	Dhaka	6
Brahamanb..	Chittagong	7
Cox's Bazar	Chittagong	8
Noakhali	Chittagong	9
Narayanganj	Dhaka	10
Chittagong	Chittagong	11
Lakshmipur	Chittagong	12
Sylhet	Sylhet	13
Munshiganj	Dhaka	14
Chandpur	Chittagong	15
Comilla	Chittagong	16
Manikganj	Dhaka	17
Khagrachha..	Chittagong	18
Bandarban	Chittagong	19
Rangamati	Chittagong	20
Madaripur	Dhaka	21
Netrakona	Mymensingh	22
Feni	Chittagong	23

District wise Student Teacher Ratio (Heat Map)



Color Scale
20.00 — 80.00

Filter Division
(All)

Filter District
(All)

Filter MPO
(All)

Filter Area
(All)

Filter Student Type
(All)

Filter Education L...
(All)

Filter Institution ...
(All)

Filter Geogrpy
(All)

Data Analytics on Financial Inclusion

SDG Tracker
Bangladesh's Development Mirror

search | LOG IN

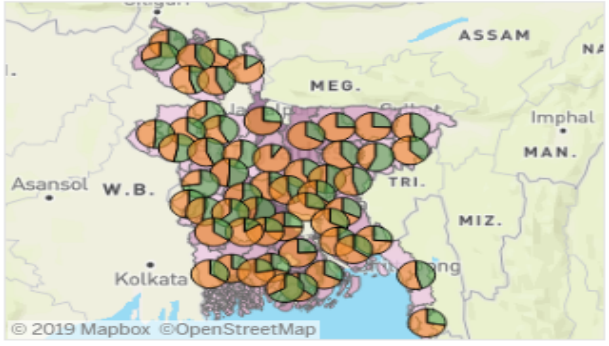
HOME | ABOUT | GOALS | 39+1 INDICATOR | MANIFESTO | CONSTITUENCY DATA | OTHERS

User of financial services: district wise

Year: 2017

National percentage	National percentage	National percentage
Mobile money user	Bank account user	Non-bank financial acount user
Registered	Registered	Registered

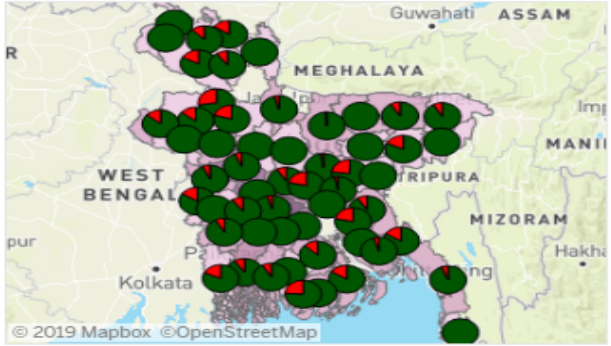
District wise: 2017



% of peop... 25% 95%

Registere... Registered Not registered

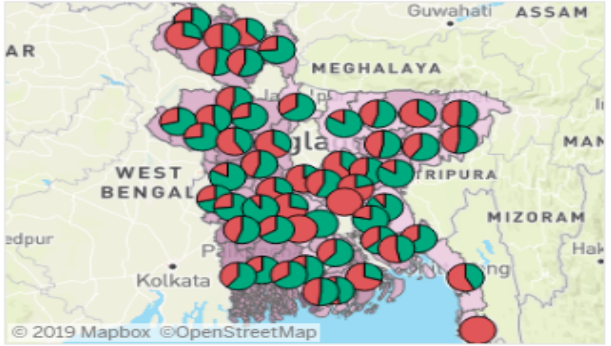
District wise: 2017



% of peop... 5% 70%

Registere... Registered Not registered

District wise: 2017



% of peop... 4% 57%

Registere... Registered Not registered

tableau

Manifesto in alignment with SDGs

Manifesto To SDG

SDG To Manifesto

Manifesto

Special Commitment

Resource section

M&E FRAMEWORK

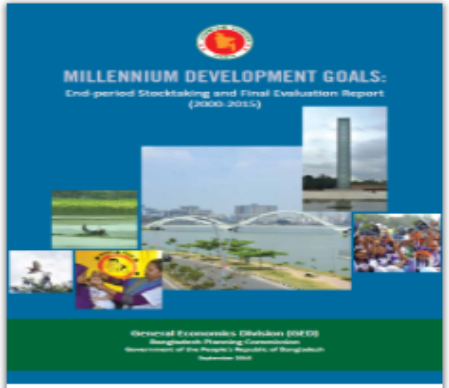
The Monitoring and Evaluation Framework has been developed based...

MORE

SDG PROGRESS RE...

Sustainable Development Goals: Bangladesh Progress Report 2018

MORE



MDG REPORT

Millennium development goals: End-period Stocktaking and Final Ev...

MORE

SDG DATA GAP AN...

Data Gap Analysis for Sustainable Development Goals (SDGs) Bang...

MORE

Knowledge Transfer through South-South Cooperation

MoU with Peru

Collaboration with Bhutan

- Collaboration with states/countries
- Sharing knowledge and finding scopes
- Bringing innovation through South-South Network

What should be a Development Mirror looks like?

How we are thinking

- Leverage ICTs to go faster in achieving SDGs!
- Track who are far behind!
- Engage whole of the society!
- Localize SDGs!
- New sources and intervention for tracking SDGs

Applying whole of the society approach: Engaging academicians

- Shahjalal University of Science & Technology
- Metropolitan University

University of Rajshahi

Engaging whole of the Government

1. Disaggregated data at district and sub district level.

2. Further censuses based on No one leave behind thematic areas

4. Regular data update

5. Training for Data Providers

39+1 INDICATORS

Prioritized Indicators of SDGs for Bangladesh

Priority Indicators

Goal : 1 End poverty in all its forms everywhere

1.1.1-Reduce the proportion of population living below extreme poverty line below 3%
1.2.1-Reduce the proportion of population living below national poverty line below 10%

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

2.1.1-Reduce the prevalence of stunting in children under 5 years of age to 12%
2.2.1-Ensure the proportion of cultivable land at a minimum of 55% of the total land

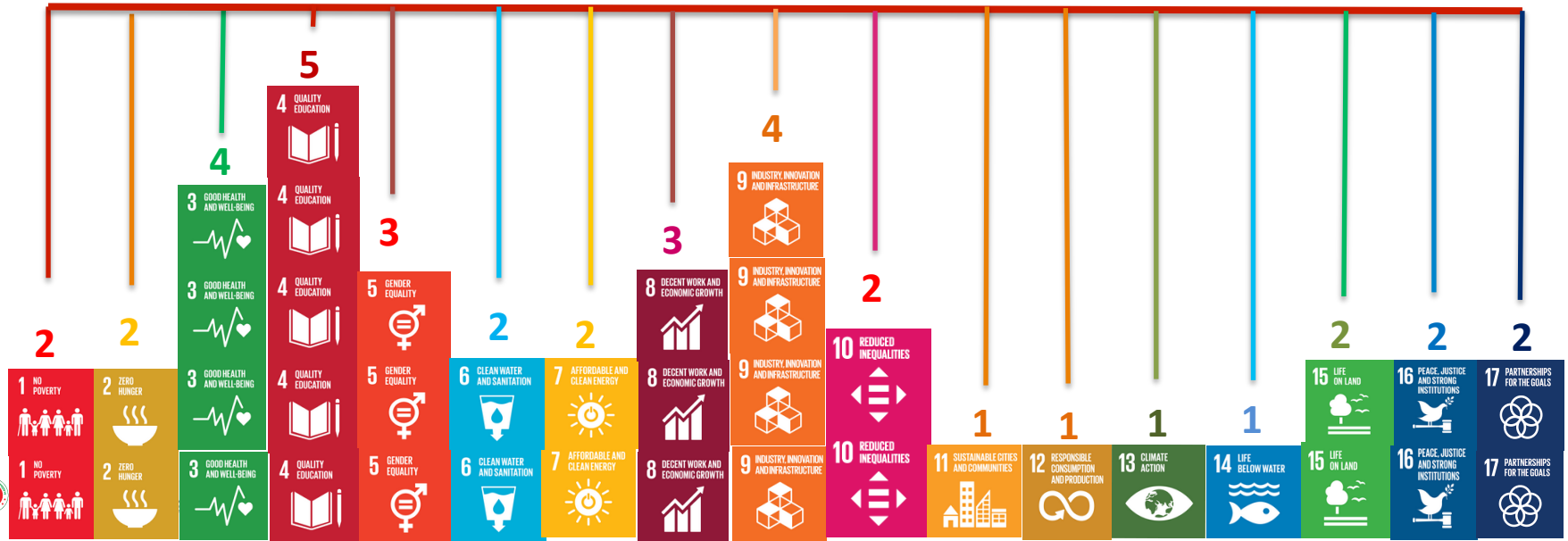
Goal : 3 Ensure healthy lives and promote well-being for all at all ages

3.1.1-Reduce neonatal mortality rate to 12 per 1,000 live births
3.2.1-Reduce under-5 mortality rate to 25 per 1,000 live births
3.3.1-Reduce the maternal mortality ratio to 70 per 100,000 live births
3.4.1-Reduce death rate due to road traffic injuries to 1.2 per 100,000 people

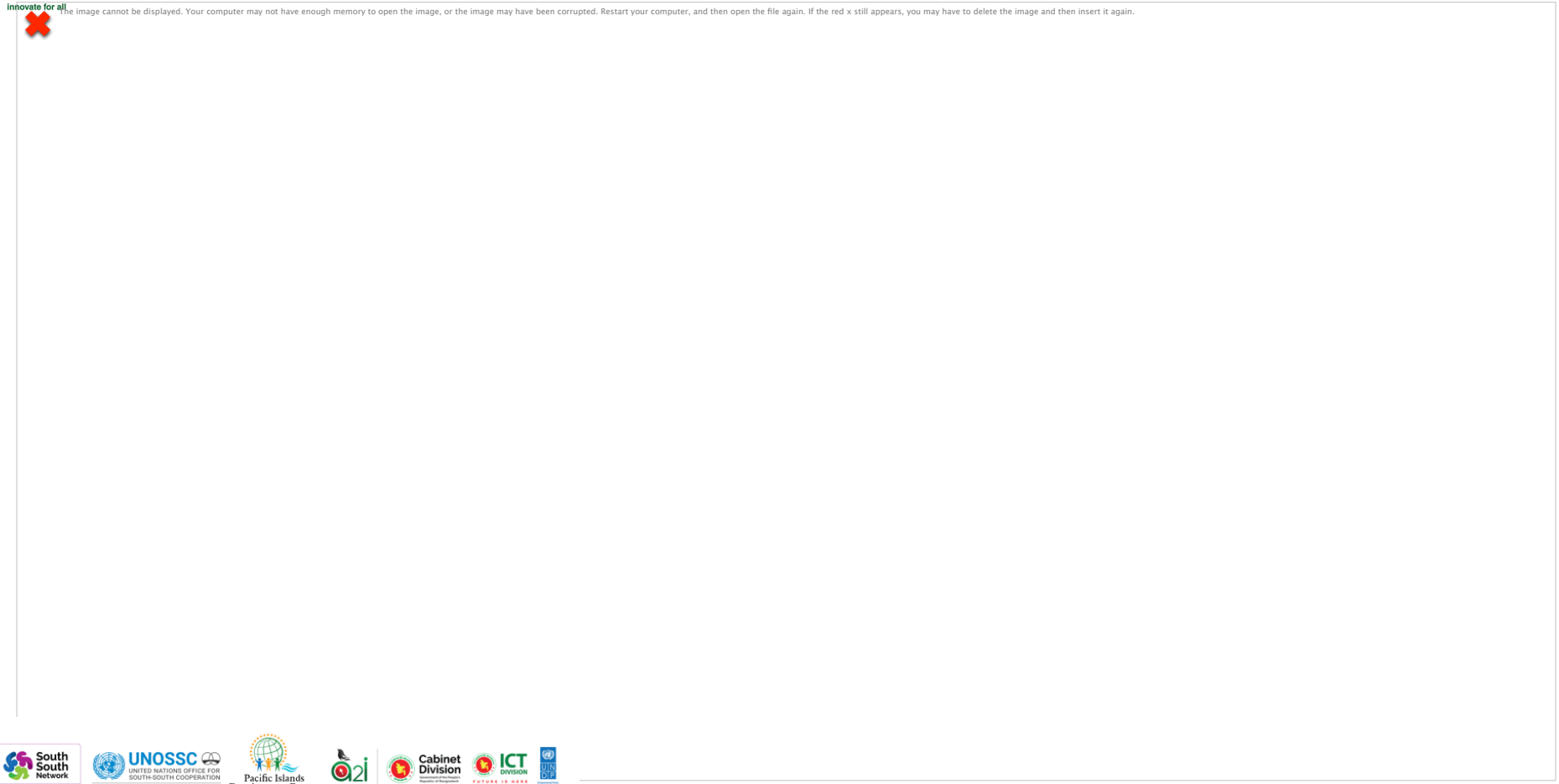
Localization of SDGs: “39+ 1 National Priority Indicators”

Connected with 159 SDG targets

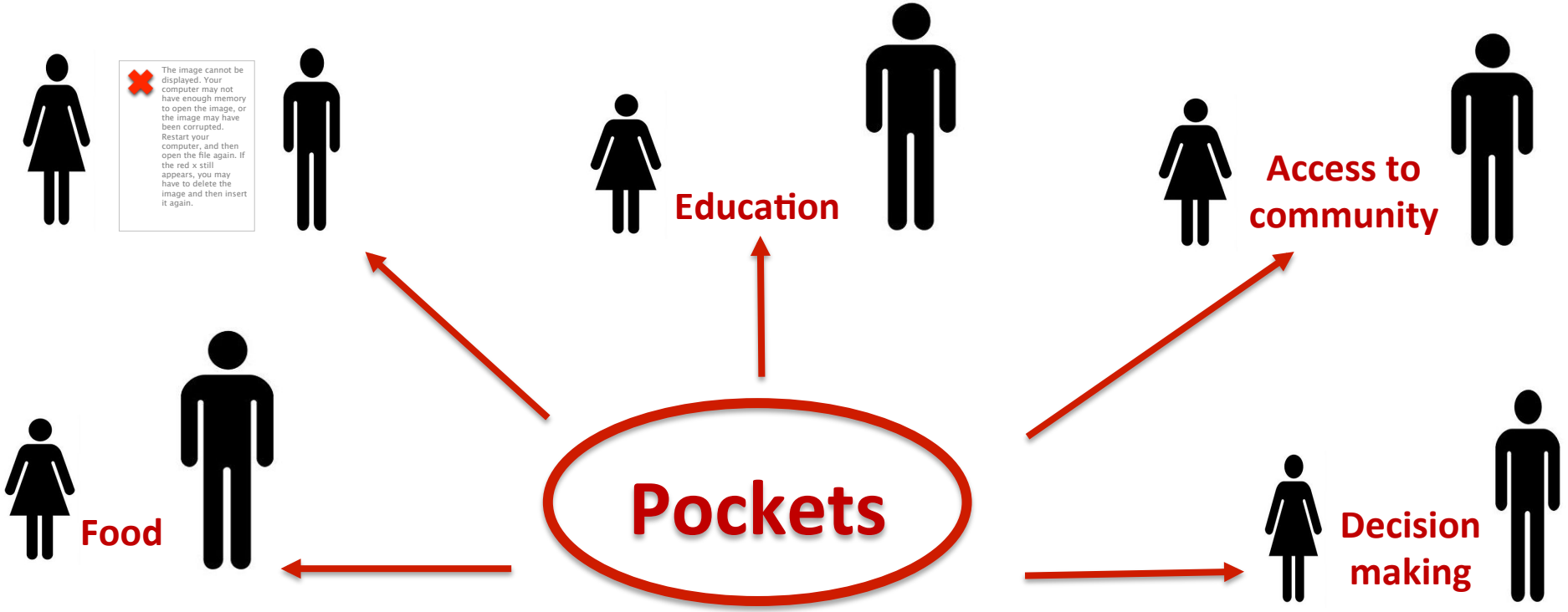
39 Priority Indicators



Constituency wise development Monitoring

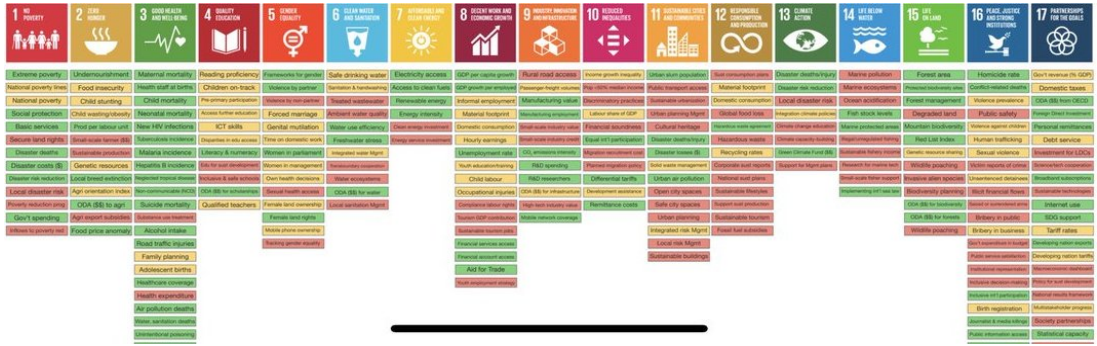


Gender Lense



Impact on Gender in Bangladesh: Gender Data Analytics

232 SDG Indicators

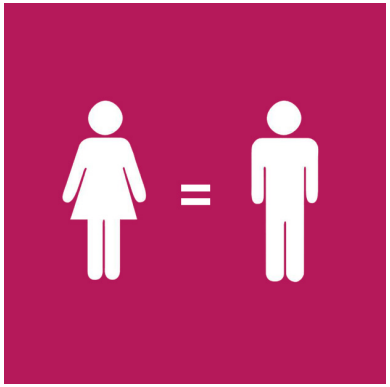


5 Data sets for each of 232 into OFD portal

More than **1160 unique Data sets**

Opportunity to Minimize the Gender Gap

Data Analytics to minimize Gender Gap : HOW??

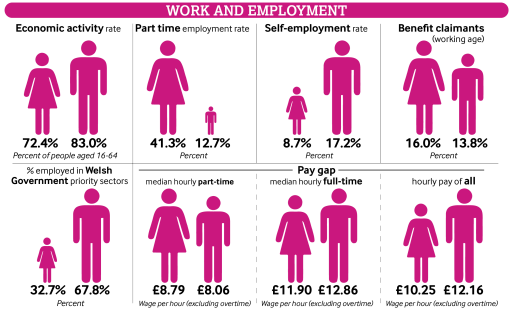


1160 Open Data sets open path

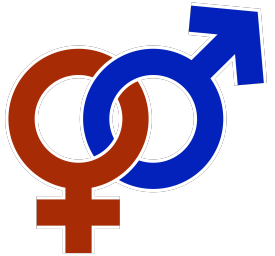
Gender Data Capacity

Resource allocation

Gender Data Analytics



Gender Impact



Potential Thematic Areas for Analytics

Poverty eradication

Food Security and Nutrition / Sustainable Agriculture

Desertification, land degradation and drought

Water and Sanitation

Employment, decent work and social protection

Youth, education and culture

Health and population dynamics

Sustained and inclusive economic growth

Macroeconomic policy questions

Energy

Sustainable Development Financing

Means of implementation

Thank You