



SIF 2.0: **SDG Indicators Ready Reckoner**

Energy Department

Planning & Convergence Department
Government of Odisha



Odisha is Committed to Achieving SDGs-2030



OSIF 2.0: SDG Indicators Ready Reckoner

Abstract

Energy Department



Goal	1 NO POVERTY	7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR GOALS
No. of Targets	5	5	6	4	3	1	2	1	1
No. of Indicators	6	16	8	5	4	2	2	2	1

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End poverty in all its forms everywhere



Target/ Indicator No.	OSIF Indicator	Type of Indicator	Data Source	Periodicity	Lead Department(s)	Aligned Department(s)
1.1	By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day					
1.1.1	Percentage of population living below the poverty line	OC	NITI Aayog (Tendulkar Committee Estimates, 2013)	Non- periodic	All Departments	P&C (DE&S)
1.2	By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions					
1.2.1.s	Percentage of population who are multidimensionally poor as per National Multidimensional Poverty Index (MPI) Report	OC	NITI Aayog (MPI Report)	Non- periodic	H&FW W&CD ST&SC Devt. FS&CW S&ME PR&DW H&UD Energy Finance	P&C (DE&S)
1.4	By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance					
1.4.3	Percentage of population living in households (rural & urban) with	OC	National Family Health Survey (NFHS)	3 years	Energy	
1.4.4	Percentage of households using clean fuel (Electricity, LPG, Natural gas, Biogas) for cooking	OC	National Family Health Survey (NFHS)	3 years	Energy FS&CW	
1.a	Ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation, in order to provide adequate and predictable means for developing countries, in particular least developed countries, to implement programmes and policies to end poverty in all its dimensions					
1.a.1.s	Proportion of expenditure made under Goal 1 of SDG Budget to total state government expenditure	OP	State Budget	Annual	Finance	All Departments
1.b	Create sound policy frameworks at the national, regional and international levels, based on pro-poor and gender-sensitive development strategies, to support accelerated investment in poverty eradication actions					
1.b.1	Proportion of expenditure made under Goal 1 of SDG Budget to total state government expenditure	OP	State Budget	Annual	Finance W&CD	All Departments

Ensure access to affordable, reliable, sustainable and modern energy for all

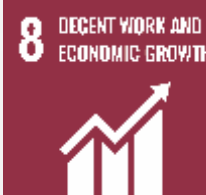
7 AFFORDABLE AND CLEAN ENERGY



Target/ Indicator No.	OSIF Indicator	Type of Indicator	Data Source	Periodicity	Lead Department(s)	Aligned Department(s)
7.1	By 2030, ensure universal access to affordable, reliable and modern energy services					
7.1.1	Percentage of population living in households with electricity (Repeat from 1.4.3)	OC	National Family Health Survey (NFHS)	3 years	Energy	
7.1.2.s	Per capita residential electricity consumption (kWh/person/year)	OC	Department Data	Annual	Energy	
7.1.3	Percentage of households using clean fuel (Electricity, LPG, Natural Gas, Biogas) for cooking (Repeat from 1.4.4)	OC	National Family Health Survey (NFHS)	3 years	Energy FS&CW	
7.1.4.s	Interruption reliability indices - System Average Interruption Duration Index (SAIDI)/ System Average Interruption Frequency Index (SAIFI)	PRO	Department Data	Annual	Energy	
7.1.5.s	Percentage of Transmission & Distribution (T&D) losses to total electricity generated	PRO	Department Data	Annual	Energy	
7.2	By 2030, increase substantially the share of renewable energy in the global energy mix					
7.2.1	Percentage share of renewable energy in the total installed electricity generation capacity	OC	Department Data	Annual	Energy	
7.2.2	Percentage share of renewable energy in the total electricity generated	OC	Department Data	Annual	Energy	
7.3	By 2030, double the global rate of improvement in energy efficiency					
7.3.1	Energy intensity measured in terms of primary energy and Gross State Domestic Product (GSDP)	OC	State Income Division – DE&S	Annual	Energy	P&C (DE&S)
7.3.2.s	Green or Bureau of Energy Efficiency (BEE) star rated or Energy Conservation Building Code (ECBC) compliant buildings per million connected buildings (residential + commercial)	OC	Department Data	Annual	Energy	
7.3.3.s	Percentage of Designated Consumers who met/ exceeded their assigned energy saving targets under Perform, Achieve, Trade (PAT) Scheme, 2018	OP	Department Data	Annual	Energy	
7.3.4.s	Percentage of Urban Local Bodies (ULBs) where energy efficiency methods have been implemented in street lighting	OC	Department Data	Annual	Energy	

Target/ Indicator No.	OSIF Indicator	Type of Indicator	Data Source	Periodicity	Lead Department(s)	Aligned Department(s)
7.3.5.s	Number of energy-efficient LED bulbs and other appliances distributed per 1,000 population	OP	Unnat Jyoti by Affordable LED for All (UJALA)/ Ama Ghare LED Light Karyakram-	Annual	Energy	PR&DW H&UD
7.a	By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology					
7.a.1.s	Cumulative capacity of off-grid/ decentralized solar Photo Voltaic (PV) projects installed (solar streetlights, solar home light, solar study lamps, standalone solar pumps, solarization of existing agricultural pumps, off grid solar power plants) per capita	OP	Data	Annual	Energy	
7.a.2.s	Buildings with net/ bi-directional metering per million connected buildings (residential + commercial)	OP	Department Data	Annual	Energy	
7.a.3.s	Percentage of obligated entities complying with their renewable purchase obligation	OP	Department Data	Annual	Energy	
7.b	By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States, and land-locked developing countries, in accordance with their respective programmes of support					
7.b.1.s	Percentage of hybrid or electric vehicles registered to total registered vehicle	OC	Department Data	Annual	C&T	Energy

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all



Target/ Indicator No.	OSIF Indicator	Type of Indicator	Data Source	Periodicity	Lead Department(s)	Aligned Department(s)
8.1	Sustain per capita economic growth in accordance with national circumstances and, in particular, at least 7 per cent gross domestic product growth per annum in the least developed countries					
8.1.1	Annual growth rate of Gross State Domestic Product (GSDP) (adjusted to price changes) per capita	OC	State Income Division – DE&S	Annual	All Departments	P&C (DE&S)
8.2	Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors					
8.2.1	Annual growth rate of Gross State Domestic Product (GSDP) per employed person	OC	State Income Division – DE&S	Annual	All Departments	P&C (DE&S)
8.2.4.s	Annual growth in services sector	OC	State Income Division – DE&S	Annual	All Departments	P&C (DE&S)
8.3	Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-small- and medium-sized enterprises, including through access to financial services					

Target/ Indicator No.	OSIF Indicator	Type of Indicator	Data Source	Periodicity	Lead Department(s)	Aligned Department(s)
8.3.1	Percentage of workers engaged in informal sector (proprietary and partnership) enterprises among workers engaged in non-agriculture sector	OC	Periodic Labour Force Survey (PLFS)	Annual	L&ESI All Departments	P&C (DE&S)
8.4	Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the 10-Year Framework of Programmes on Sustainable Consumption and Production, with developed countries taking the lead					
8.4.1	Per capita fossil fuel consumption (petroleum products only)	OC	Indian Petroleum & Natural Gas Statistics	Annual	Energy	FS&CW
8.5	By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value					
8.5.1	Unemployment rate	OC	Periodic Labour Force Survey (PLFS)	Annual	All Departments	P&C (DE&S)
8.5.2	Worker Population Ratio (WPR) among male and female	OC	Periodic Labour Force Survey (PLFS)	Annual	All Departments	P&C (DE&S)
8.6	By 2020, substantially reduce the proportion of youth not in employment, education or training					
8.6.1	Unemployment rate for youth (15-29 years)	OC	Periodic Labour Force Survey (PLFS)	Annual	All Departments	P&C (DE&S)

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE




Target/ Indicator No.	OSIF Indicator	Type of Indicator	Data Source	Periodicity	Lead Department(s)	Aligned Department(s)
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, with all countries taking action in accordance with their respective capabilities					
9.4.1	Total CO2 emissions of power sector per unit of Gross State Domestic Product (GSDP)	OC	Department Data/ Central Electricity Authority (CEA)	Annual	Energy	P&C (DE&S)
9.4.2	Energy use intensity of manufacturing value added	OC	State Income Division – DE&S	Annual	Energy	P&C (DE&S)
9.5	Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending					
9.5.3	Number of patents granted per 1,00,000 population	OC	Department Data	Annual	S&T Industries MSME HT&H SD&TE All Departments	

Target/ Indicator No.	OSIF Indicator	Type of Indicator	Data Source	Periodicity	Lead Department(s)	Aligned Department(s)
9.a	Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States					
9.a.1.s	Percentage of capital outlay on infrastructure development to total state government expenditure	OP	State Budget	Annual	Finance All Departments	
9.b	Support domestic technology development, research and innovation in developing countries, including by ensuring a conducive policy environment for, inter alia, industrial diversification and value addition to commodities					
9.b.1.s	Percentage of Micro, Small & Medium Enterprises (MSMEs) assisted/ incentivised for diversification, modernization and bringing-in new technology	OP	Department Data	Annual	MSME All Departments	

Reduce inequality within and among countries

10 REDUCED INEQUALITIES



Target/ Indicator No.	OSIF Indicator	Type of Indicator	Data Source	Periodicity	Lead Department(s)	Aligned Department(s)
10.1	By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of the population at a rate higher than the national average					
10.1.1	Growth rate of household expenditure per capita among the bottom 40 percent of the population	OC	National Sample Survey -Monthly Per Capita Consumer Expenditure (NSS- MPCE)	Non- Periodic	All Departments	P&C (DE&S)
10.1.2.s	Palma ratio of household expenditure	OC	National Sample Survey -Monthly Per Capita Consumer Expenditure (NSS- MPCE)	Non- Periodic	All Departments	P&C (DE&S)
10.3	Ensure equal opportunity and reduce inequalities of outcome, including by eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and action in this regard					
10.3.1	Unemployment rate among SCs and STs	OC	Periodic Labour Force Survey (PLFS)	Annual	All Departments	ST&SC Devt. P&C (DE&S)
10.4	Adopt policies, especially fiscal, wage and social protection policies, and progressively achieve greater equality					
10.4.1.s	Percentage of expenditure incurred for the welfare of SCs and STs	OC	State Budget	Annual	ST&SC Devt. Finance All Department	

Make cities and human settlements inclusive, safe, resilient and sustainable

11 SUSTAINABLE CITIES AND COMMUNITIES



Target/ Indicator No.	OSIF Indicator	Type of Indicator	Data Source	Periodicity	Lead Department(s)	Aligned Department(s)
11.1	By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums					
11.1.4	Percentage of urban population living in households with electricity	OC	National Family Health Survey (NFHS)	3 years	H&UD	Energy
11.1.5	Percentage of urban households using clean fuel for cooking	OC	National Family Health Survey (NFHS)	3 years	H&UD	Energy FS&CW

Ensure sustainable consumption and production patterns

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Target/ Indicator No.	OSIF Indicator	Type of Indicator	Data Source	Periodicity	Lead Department(s)	Aligned Department(s)
12.2	By 2030, achieve the sustainable management and efficient use of natural resources					
12.2.3	Per capita fossil fuel consumption (petroleum products only) (Repeat from 8.4.1)	OC	Indian Petroleum & Natural Gas Statistics	Annual	Energy	FS&CW
12.7	Promote public procurement practices that are sustainable, in accordance with national policies and priorities					
12.7.1.s	Percentage of annual value of goods and services procured by state government departments/ agencies from Micro, Small & Medium Enterprises (MSMEs) located in the state	OP	Department Data	Annual	MSME	All Departments

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels



Target/ Indicator No.	OSIF Indicator	Type of Indicator	Data Source	Periodicity	Lead Department(s)	Aligned Department(s)
16.6	Develop effective, accountable and transparent institutions at all levels					
16.6.1.s	Percentage of services delivered end to end online against total services provided under Odisha Right to Public Services Act, 2012 etc.	OC	Odisha Right to Public Services Act (ORTPSA)/ Department Data	Real time	All Departments	GA&PG
16.6.3.s	Percentage of services delivered against applications received within stipulated time frame under Odisha Right to Public Services Act, 2012 etc.	OC	Odisha Right to Public Services Act (ORTPSA)/ Department Data	Real time	All Departments	GA&PG

Strengthen the means of implementation and revitalize the global partnership for sustainable Development



Target/ Indicator No.	OSIF Indicator	Type of Indicator	Data Source	Periodicity	Lead Department(s)	Aligned Department(s)
17.1	Strengthen domestic resource mobilization, including through international support to developing countries, to improve domestic capacity for tax and other revenue collection					
17.1.1	Total government revenue as a percentage of Gross State Domestic Product (GSDP)	OP	State Income Division - DE&S/ State Budget	Annual	Finance	All Departments



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SUSTAINABLE DEVELOPMENT GOALS

To know more, contact :

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