

Jadual

# **Panduan Kata Kunci (Keyword) dan Sub Kata Kunci (Sub Keyword) Matlamat Pembangunan Lestari (SDG)**

versi 1/2020

**SDG KEYWORDS** (updated 26 Aug 2020)

EXAMPLE /CONTOH

SDG	Kata Kunci Keywords		Pilih satu Choose One Sub Kata Kunci Sub keywords		Pilih satu Choose One Sub Kata Kunci Sub keywords		Contoh Example
SDG 6	SAFE	AND	water access	OR			Safe water access
			drinking water	OR			Safe drinking water
			clean	AND	drinking water		Safe clean drinking water
				AND	Water source		Safe clean water source

**Catatan : Perkataan 'SAFE' sahaja tanpa sub kata kunci tidak akan dikira.  
Remarks: Only Word 'SAFE' without sub keyword will not be counted.**

<b>SDG1: End poverty in all its forms everywhere</b>			
KEYWORDS		SUB KEYWORD 1	EXAMPLE
Extreme poverty			Extreme poverty
Poverty alleviation			Poverty alleviation
Poverty eradication			Poverty eradication
Poverty reduction			Poverty reduction
International poverty line			International poverty line
Financial aid	AND	poverty	Financial aid and poverty
Financial aid	AND	poor	Financial aid poverty
Financial aid	AND	north-south divide	
Financial development	AND	poverty	
		financial empowerment	
		distributional effect	
		distributional effects	
		child labor	
		child labour	
		development aid	
		social protection	
social protection system			
Social protection	AND	access	
microfinance			
micro-finance			
resilience of the poor			
Safety net	AND	poor	
		vulnerable	
Economic resource	AND	access	
Economic resources	AND	access	
food bank			
food banks			

# SDG2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture

KEYWORDS		SUB KEYWORD 1		SUB KEYWORD 2	EXAMPLE
land tenure rights					land tenure rights
smallholder		farm			smallholder farm
		forestry			smallholder forestry
		pastoral			smallholder pastoral
		agriculture			smallholder resilient agricultural practices
					potassium
		fishery			smallholder agriculture
		food producer			
		food producers			
		malnourish			
		malnutrition			
		undernourish			
		undernutrition			
	AND	agricultural production			
		agricultural productivity			
		agricultural practices			
		agricultural management			
		food production			
		food productivity			
		food security			
		food insecurity			
		land right			
		land rights			
		land reform			
		land reforms			
		resilient agricultural practices			
			AND NOT	disease	
agriculture	AND	potassium			
fertilizer					
food nutrition improvement					
hidden hunger					
genetically modified food					
GMO	AND	food			
agroforestry practices					
agroforestry management					
agricultural innovation					
food security	AND	genetic diversity			
food market		restriction			
		tariff			
	AND	access			
		north south divide			
		development governance			
food governance					
food supply chain					
food value chain					
food commodity market					

# SDG3: Ensure healthy lives and promote well-being for all at all ages

KEYWORDS		SUB KEYWORD 1	EXAMPLE
human	AND	health	Human health
		disease	Human disease
		illness	Human illness
		medicine	Human medicine
		mortality	Human mortality
battered child syndrome			battered child syndrome
cardiovascular disease			
cardiovascular diseases			
chagas			
child abuse			
child neglect			
child well-being index			
youth well-being index			
child wellbeing index			
youth wellbeing index			
water-borne disease			
water-borne diseases			
water borne disease			
water borne diseases			
tropical disease			
tropical diseases			
chronic respiratory disease			
chronic respiratory diseases			
infectious disease			
infectious diseases			
sexually-transmitted disease			
sexually transmitted disease			
sexually-transmitted diseases			
sexually transmitted diseases			
communicable disease			
communicable diseases			
AIDS			
HIV			
human immunodeficiency virus			
tuberculosis			
malaria			
hepatitis			
polio			
vaccine			
cancer			
diabetes			
maternal mortality			
child mortality			
childbirth complications			
neonatal mortality			
neo-natal mortality			
premature mortality			
infant mortality			

quality adjusted life year			
maternal health			
preventable death			
preventable deaths			
tobacco control			
substance abuse			
drug abuse			
tobacco use			
alcohol use			
substance addiction			
drug addiction			
tobacco addiction			
alcoholism			
suicide			
postnatal depression			
post-natal depression			
zika virus			
dengue			
schistosomiasis			
sleeping sickness			
Ebola			
mental health			
mental disorder			
mental illness			
mental illnesses			
measles			
neglected disease			
neglected diseases			
diarrhea			
diarrhoea			
cholera			
dysentery			
typhoid fever			
traffic accident			
traffic accidents			
healthy lifestyle			
life expectancy			
life expectancies			
health policy			
health system	AND	access accessible	Health system access Health system accessible
health risk			Health system health risk
health risks			
inclusive health			
obesity			
social determinants of health			
psychological harm			
psychological wellbeing			
psychological well-being			
psychological well being			
public health			

# SDG4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

KEYWORDS		SUB KEYWORD 1		SUB KEYWORD 2		SUB KEYWORD 3		EXAMPLE
school	AND	school attendance						School
education		school enrollment						Educational school attendance
educational		school enrolment						
		inclusive education						
		educational inequality						
		education quality						
		educational enrolment						
		educational enrollment						
		adult literacy						
		numeracy rate						
		educational environment						
		educational access						
		development aid						
				AND	teacher training			
				early childhood education				
				basic education				
				affordable education				
				educational financial aid				
				school safety				
				safety in school				
				learning opportunities		gender disparities		
					AND	empowerment		Learning opportunities gender disparities
				learning opportunity		gender disparities		Learning opportunities empowerment
					AND	empowerment		
				youth empowerment				
				women empowerment				
				equal opportunities				
				child labour				
				child labor				
				discriminatory				



# SDG5: Achieve gender equality and empower all women and girls

KEYWORDS		SUB KEYWORD 1	EXAMPLE
gender inequality			Gender inequality
gender equality			Employment equity
employment equity			Access family planning services
gender wage gap			Access forced marriage
female labor force participation			
female labour force participation			
women labor force participation			
women labour force participation			
womens' employment			
female employment			
women's unemployment			
female unemployment			
access	AND	family planning services	
forced marriage			
child marriage			
forced marriages			
child marriages			
occupational segregation			
women's empowerment			
girls' empowerment			
female empowerment			
female genital mutilation			
female genital cutting			
domestic violence			
women	AND	violence	
girl	AND	violence	
sexual violence			
unpaid work	AND	gender inequality	
unpaid care work	AND	gender inequality	
women's political participation			
female political participation			
female managers			
women in leadership			
female leadership			
intra-household allocation			
access	AND	reproductive healthcare	
honour killing			
honor killing			
honour killings			
honor killings			
antiwomen			
anti-women			
feminism			
misogyny			
female infanticide			
female infanticides			



human trafficking			
forced prostitution			
equality	AND	sexual rights	Equality sexual rights
	AND	reproductive rights	
	AND	divorce rights	
women's rights			
gender injustice			
gender injustices			
gender discrimination			
gender disparities			
gender gap			
female exploitation			
household equity			
female political participation			
women's underrepresentation			
female entrepreneurship			
female ownership			
women's economic development			
women's power			
gender-responsive budgeting			
gender quota			
foreign aid	AND	women's empowerment	foreign aid women's empowerment
gender segregation			
gender-based violence			
gender participation			
female politician			
female leader			
contraceptive behaviour			
women's autonomy			
agrarian feminism			
microfinance			
women's livelihood			
women's ownership			
female smallholder			
gender mainstreaming			

# SDG6: Water and Sanitation Query development

KEYWORDS		SUB KEYWORD 1		SUB KEYWORD 2		SUB KEYWORD 3	EXAMPLE
Safe	AND	water access					<i>Safe water access</i>
		drinking water					<i>Safe drinking water</i>
		clean	AND	drinking water			<i>Safe clean drinking water</i>
water	AND	sanitation and hygiene	AND	water availability			
		sanitation & hygiene		water source			
		quality		water use efficiency			
		resource		water supply			
				water supplies			
				clean water			
				hygienic toilet			
				hygienic toilets			
				antifouling membrane			
				antifouling membranes			
				anti-fouling membrane			
				anti-fouling membranes			
				water management			
				aquatic toxicology			
				water toxicology			
	aquatic ecotoxicology						
	water ecotoxicology						
freshwater	AND	water quality	AND	pollutant / pollution			
fresh water				contamination			
freshwater	AND	water security					
		water shortage					
		waste water	AND	treatment			
		wastewater	AND	treatment			
		water conservation					
		water footprint					
		water infrastructure					
		water pollution					
		water purification					
		water use					
water uses							

		sanitary					
		sewer					
water	AND	ecosystem	AND	protection of	AND	marine	
		eco-system		endocrine disruptor	NOT		
				endocrine disruptors			
water	AND	water management	AND	pollution remediation			
				pollutant removal			
groundwater	AND	freshwater					
ground water							
ground-water							
water pollution		waste water	AND	treatment		global burden of	
water pollutant		wastewater	AND	treatment		disease study	
	AND	freshwater availability			AND		
		fresh water availability			NOT		
		water scarcity					
		open defecation					
		blue water					
		green water					
		grey water					
		black water					

# SDG7: Ensure access to affordable, reliable, sustainable and modern energy for all

KEYWORDS	SUB KEYWORD 1	SUB KEYWORD 2	EXAMPLE
energy efficiency			Energy efficiency
energy consumption			energy transition
energy transition			smart micro-grid
clean energy technology			smart grid
energy equity			
energy justice			
energy poverty			
energy policy			
renewable			
2000 Watt society			
smart micro-grid			
smart grid			
smart microgrid			
smart micro-grids			
smart grids			
smart microgrids			
smart meter			
smart meters			
affordable electricity			
electricity consumption			
reliable electricity			
clean fuel			
clean cooking fuel			
fuel poverty			
energiewende			
life-cycle assessment			
life cycle assessment			
life-cycle assessments			
life cycle assessments			
photochemistry	AND	renewable energy	Photochemistry renewable energy
photovoltaic			Photochemistry photovoltaic
photocatalytic water splitting			
hydrogen production			
water splitting			
lithium-ion batteries			
lithium-ion battery			
heat network			
district heat			
district heating			
residential energy consumption			
domestic energy consumption			
energy security			
rural electrification			
energy ladder			
energy access			
energy conservation			
low-carbon society			

AND  
NOT

hybrid renewable energy system					
hybrid renewable energy systems					
fuel switching					
foreign development aid	AND	renewable energy			
energy governance					
official development assistance	AND	electricity			
energy development	AND	developing countries		wireless sensor network	energy development developing countries
				wireless sensor networks	

# SDG8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

KEYWORDS	SUB KEYWORD 1	SUB KEYWORD 2	EXAMPLE
economic growth		health	economic growth
economic development policy			
employment policy			economic development policy
inclusive economic growth			inclusive economic growth
sustainable growth			
economic development			
economic globalization			
economic globalisation			
economic productivity			
low-carbon economy			
inclusive growth			
microfinance			
micro-finance			
micro-credit			
microcredit			
equal income			
equal wages			
decent job			
decent jobs			
quality job			
quality jobs			
job creation			
full employment			
employment protection			
informal employment			
precarious employment			
unemployment			
precarious job			
precarious jobs			
microenterprise			
micro-enterprise			
small enterprise			
medium enterprise			
small enterprises			
medium enterprises			
small entrepreneur			
starting entrepreneur			
medium entrepreneur			
small entrepreneurs			
medium entrepreneurs			
starting entrepreneurs			
social entrepreneurship			
safe working environment			
labor market institution			
labor market institutions			

AND NOT

labour market institution					
labour market institutions					
forced labour					
forced labor					
child labour					
child labor					
labour right					
labor right					
labour rights					
labor rights					
modern slavery					
human trafficking					
child soldier					
child soldiers					
global jobs					
living wage					
minimum wage					
circular economy					
inclusive economy					
rural economy					
Foreign Development Investment					
Aid for Trade					
trade unions					
trade union					
working poor					
not in Education, Employment, or Training					
carbon offset					
carbon offsetting					
carbon offsets					
offset project					
offset projects					
economic diversification					
material footprint					
resource efficiency					
cradle to cradle	AND	economy			cradle to cradle economy
economic decoupling					
labour market disparities					
sustainable tourism					
ecotourism					
community-based tourism					
tourism employment					
sustainable tourism policy					
financial access					
financial inclusion					
access to banking					

# SDG9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

KEYWORDS		SUB KEYWORD 1	EXAMPLE
industrial growth			industrial growth
industrial diversification			industrial diversification
infrastructural development			
infrastructural investment			infrastructural investment
infrastructure investment			
public infrastructure			
resilient infrastructure			
transborder infrastructure			
public infrastructures			
resilient infrastructures			
transborder infrastructures			
industrial emissions	AND	mitigation	industrial emissions mitigation
industrial waste management			
industrial waste treatment			
traffic congestion			
microenterprise			
micro-enterprise			
small enterprise			
medium enterprise			
small enterprises			
medium enterprises			
small entrepreneur			
medium entrepreneur			
small entrepreneurs			
medium entrepreneurs			
value chain management			
broadband access	AND	developing countries	
manufacturing innovation			
manufacturing investment			
sustainable transportation			
accessible transportation			
transportation services			
inclusive transportation			
R&D investment			
green product			
green products			
sustainable manufacturing			
cradle to cradle	AND	industry	
closed loop supply chain			
industrial	AND	innovation	
process innovation			
product innovation			
inclusive innovation			



# SDG10: Reduce inequality within and among countries

KEYWORDS		SUB KEYWORD 1	EXAMPLE
equality	AND	economic	Equality economic
		financial	Equality economic reform policy
		socio-economic	Equality financial
inequality	AND	economic	
		financial	
		socio-economic	
economic reform policy			
economic reform policies			
political inclusion			
social protection policy			Equality economic reform policies
social protection policies			
immigration	AND NOT	chemistry	
		disease	
		biodiversity	
emigration	AND NOT	chemistry	
		disease	
		biodiversity	
foreign direct investment			
development gap			
development gaps			
migrant remittance			
responsible migration			
migration policy			
migration policies			
north-south divide			
developing	AND	tariffs	
		tariff	
		zero-tariff	
		duty-free access	
social exclusion			
economic marginalisation			
income inequality			
discriminatory law			
discriminatory policies			
discriminatory policy			
economic empowerment			
economic transformation			
global market	AND	empowerment	

# SDG11: Make cities and human settlements inclusive, safe, resilient and sustainable

KEYWORDS		SUB KEYWORD 1	EXAMPLE
city		gentrification	City gentrification
cities		congestion	Cities congestion
human settlement		transportation	Human settlement congestion
human settlements		public transport	Urban public transport
urban		housing	
metropolitan		slum	
town		sendai framework	
municipal		Disaster Risk Reduction	
		DRR	
		smart city	
		smart cities	
		resilient building	
		resilient buildings	
		sustainable building	
		sustainable buildings	
		building design	
		buildings design	
		urbanization	
		zero energy building	
		zero energy buildings	
		zero-energy building	
		zero-energy buildings	
		basic service	
		basic services	
	AND	governance	
		citizen participation	
		collaborative planning	
		participatory planning	
		inclusiveness	
		cultural heritage	
		natural heritage	
		UNESCO	
		disaster	
		ecological footprint	
		environmental footprint	
		waste	
		pollution	
		pollutant	
		waste water	
		recycling	
		circular economy	
		air quality	
		green space	
		green spaces	
		nature inclusive	
		nature inclusive	
		building	
		nature inclusive	
		buildings	

# SDG12: Ensure sustainable consumption and production patterns

KEYWORDS	SUB KEYWORD 1	SUB KEYWORD 2	EXAMPLE
environmental pollution			environmental pollution
hazardous waste			hazardous waste
hazardous chemical			hazardous chemical
hazardous chemicals			hazardous chemicals
toxic chemical			
toxic chemicals			
chemical pollution			
ozone depletion			
pesticide pollution			
pesticide stress			
pesticide reduction			
life cycle assessment			
life cycle analysis			
life cycle analyses			
life-cycle analysis			
life-cycle analyses			
low carbon economy			
low-carbon economy			
environmental footprint			
material footprint			
harvest efficiency			
solid waste			
waste generation			
corporate social responsibility			
corporate sustainability			
consumer behavior			
consumer behaviors			
consumer behaviour			
consumer behaviours			
waste recycling			
resource recycling			
resource reuse			
biobased economy			
zero waste			
sustainability label			
sustainability labelling			
global resource extraction			
material flow accounting			
societal metabolism			
food spill			
resource spill			
resource efficiency			
sustainable food consumption			
green consumption			

AND  
NOT

sustainable supply chain					
circular economy					
cradle to cradle					
sustainable procurement					
sustainable tourism					
fossil-fuel subsidies					
fossil-fuel expenditure					
sustainability label					
sustainability labelling					
consumption		resource use		wireless sensor network	Consumption resource use
	AND	spill		wireless sensor networks	Consumption spill
production		resource use		wireless network	Production resource use
	AND	spill		wireless networks	
				wireless	
				disease	
				astrophysics	

# SDG13: Take urgent action to combat climate change and its impacts

KEYWORDS		SUB KEYWORD 1		SUB KEYWORD 2		EXAMPLE
climate action						climate action
climate adaptation						climate adaptation
climate change						climate change
climate capitalism						climate capitalism
IPCC						
climate effect						
climate equity						
climate feedback						
climate finance						
climate change financing						
climate forcing						
climate governance						
climate impact						
climate investment						
climate justice						
climate mitigation						
climate model						
climate models						
climate modelling						
climate modelling						
climate policy						
climate policies						
climate risk						
climate risks						
climate services			AND			
climate service			NOT			
climate prediction						
climate predictions						
climate signal						
climate signals						
climate tipping point						
climate variation						
climate variations						
ecoclimatology						
eco-climatology						
Green Climate Fund						
regional climate						
regional climates						
urban climate						
urban climates						
climate		adaptive management		geomorphology		
		awareness				
		bioeconomy				
		carbon				
	AND	decision-making				
		disaster risk reduction				
		environmental education				
		sustainable development education				
		energy conservation				

		emission			
		extreme			
		food chain			
		food chains			
		framework			
		hazard			
		island			
		land use			
		megacity			
		consumption			
		production			
		small island developing states			
		anthropocene			
		atmosphere			
		clean development mechanism			
		glacier retreat			
		warming			
		greenhouse			
		ice-ocean interaction			
		ice-ocean interactions			
		nitrogen cycle			
		nitrogen cycles			
		ocean acidification			
		radiative forcing			
		sea ice			
		sea level			
		sea levels			
		thermal expansion			
		unfccc			
		ozone			

# SDG14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development

KEYWORDS		SUB KEYWORD 1		SUB KEYWORD 2		SUB KEYWORD 3	EXAMPLE
marine	AND	water cycle	OR		AND NOT	paleoclimate	marine water cycle
ocean		water cycles				paleoceanography	Ocean water cycles
oceans		biogeochemical cycle				radiocarbon	Oceans biogeochemical cycle
sea		biogeochemical cycles				genetics	Sea biogeochemical cycle
seas		oceanic circulation model				medicine	
coast		oceanic circulation models				drug	
mangrove		oceanic circulation modelling				engineering	
		oceanic circulation modeling				aerosol	
		ice-ocean					
		eutrophication					
		marine					
		coral bleach					
		coral bleaching					
		coastal management					
		coastal habitat					
		coastal habitats					
		marine debris					
		ocean acidification					
		acidification	AND	seawater			
		fishery					
		fisheries					
		overfishing					
		sustainable yield					
		marine protected area					
		marine protected areas					
		marine conservation					
		ecotourism					

		community based conservation					
	AND	community-based conservation					
		marine land slide					
		marine pollution					
		nutrient runoff					
		coastal ecotourism					
		destructive fishing					
		local fisheries					
		artisanal fishers					
		fisheries rights					
		species richness					
		traditional ecological knowledge					
		small Island development states					
		marine quota					
		marine economy					
		marine policy					



# SDG15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

KEYWORDS		SUB KEYWORD 1	EXAMPLE
terrestrial		biodiversity	Terrestrial biodiversity
land		species richness	Land species richness
inland		bioeconomy	Inland species richness
freshwater		bio-economy	
		biological production	
		deforestation	
		desertification	
		earth system	
		ecological resilience	
		ecosystem	
		eco-system	
		trophic cascade	
		trophic level	
		trophic web	
		threatened species	
		endangered species	
		extinction risk	
		extinction risks	
		poach	
		wildlife product	
		wildlife products	
	AND	wildlife traffic	
		wildlife market	
		wildlife markets	
		wildlife trafficking	
		invasive species	
		alien species	
		land uses	
		land use	
		land uses	
		land degradation	
		soil degradation	
		LULUCF	
		forest	
		land conservation	
		wetland	
		mountain	
		dryland	
		mountainous cover	
		protected area	
		protected areas	
		REDD	
		forest management	

		silviculture	
		timber harvest	
		illegal logging	
		slash-and-burn	
		fire-fallow cultivation	
		tree cover	
		soil restoration	
		land restoration	
		drought	
		sustainable land management	
		mountain vegetation	
		habitat restoration	
		Red List species	
		Red List Index	
		extinction wave	
		habitat fragmentation	
		habitat loss	
		Nagoya Protocol on Access to Genetic Resources	
		genetic resources	
		biological invasion	
		biodiversity-inclusive	
		forest stewardship council	
		rainforest alliance	
		forest certification	
		forest auditing	
		ecotourism	
		community-based conservation	
		community based conservation	
		human-wildlife conflict	

# SDG16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

KEYWORDS		SUB KEYWORD 1		SUB KEYWORD 2	EXAMPLE
actual innocence					actual innocence
false confession					false confession
armed conflict					armed conflict
armed conflicts					armed conflicts
civil conflict					
civil conflicts					
war		conflict			
		warfare			
	AND	democracy			
		Geneva Convention			
		treaty			
		peace			
peacekeeping					
corruption	AND	institution			
		public official			
		government			
		bribery			
		conflict			
crime					
crimes					
criminal					
democratic deficit			AND	disease	
democratisation			NOT	genetics	
		institutional			
		conflict			
	AND	decision-making			
		society			
		politics			
		financial aid			
ethnic conflict		responsive			
ethnic conflicts		inclusive			
exoneration		participatory			
genocide		representative			
homicide		Aarhus Convention			
murder		press freedom			
human trafficking		freedom of speech			
criminal justice system	AND				
justice system					
arbitrary justice					
refugee					
terroris					
violence					
torture					

effective rule of law					
arms flow					
transparent institution					
transparent institutions					
good governance					
legal identity for all					
freedom of information					
human rights institution					
human rights activists					
fundamental freedom					
fundamental freedoms					
violent conflict					
violent conflicts					
peaceful society					
effective institution					
effective institutions					
accountable institution					
accountable institutions					
inclusive institution					
inclusive institutions					
child abuse					
arbitrary detention					
unsentenced detention					
judicial system					
criminal tribunal					
inclusive society					
inclusive societies					
responsive institution					
responsive institutions					
fair society					
fair societies					
legal remedy					
legal remedies					
independence of judiciary					
independent judiciary					
separation of powers					

extremism						
war crime						
peaceful society						
organized crime						
illicit transfer						
illicit money						
arms trafficking						
cybercrime						
insurgence						
democratic institution						
political instability						
political decision-making						



Disediakan oleh :

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