EU SDG indicator set: Full list of 2019 review

For legend & explanations: Please refer to the work sheet "Read me first"! | List is "ready to print" in A3

The worksheet "**EU SDG indicators - review**" presents, for each SDG:
- Indicators primarily allocated to that goal (max 6 per goal)
- Indicators that have been deleted in the review are marked "(del)"; new indicators added are marked "(new)" .
- Multipurpose indicators also used to monitor that goal but primarily allocated to another goal
- Indicators put on hold or not retained for the refined EU SDG indicator set

The worksheet includes additional detailed information for each indicator such as their alignment with other indicator sets, possible disaggregation, data units etc..

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality (3 = high; min=1.5)	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
1	Goal 1. End poverty in all its forms everywhere																						
1	01_10		People at risk of poverty or social exclusion	% of population and thousand persons	every year	3,00	ESS (SILC)	Eurostat	No modification. Differences by sex, by age group, by household type, by educational level, by disability status, by degree of urbanisation and by country of birth are addressed in the narrative or the monitoring report.	1.2.2 (s)	P1-05	ps	I-04-1 M	X	X	X	X	X	X	X	X	X	
1	01_20	mpi -> 10	People at risk of income poverty after social transfers	% of population and thousand persons	every year	3,00	ESS (SILC)	Eurostat	No modification.	1.2.1 (s); 1.2.2 (p); 10.2.1 (s)		ps-c	I-04-2	X	X	X		X	X	X	X	X	
1	01_30		Severely materially deprived people	% of population and thousand persons	every year	3,00	ESS (SILC)	Eurostat	No modification.	1.2.2 (p)		ps-c	I-04-3	X	X								
1	01_40		People living in households with very low work intensity	% of population aged less than 60 and thousand persons	every year	3,00	ESS (SILC)	Eurostat	No modification.	1.2.2 (p)		ps-c	I-04-4	X	X								
1	01_41	mpi -> 8	In work at-risk-of-poverty rate	% of employed persons aged 18 or over	every year	3,00	ESS (SILC)	Eurostat	No modification.				II-08-3	X	X	X		X	X				by work intensity of the household; by type of contract (temp/perm); by full/part time work;
1	01_60	mpi -> 11	Population living in a dwelling with a leaking roof, damp walls, floors or foundation or rot in window frames or floor	% of population i. total ii. below 60% of median equivalised income iii. above 60% of median equivalised income	every year	2,83	ESS (SILC)	Eurostat	No modification.	11.1.1 (s)				X	X		X	X			X		
1	Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal																						
1	03_60	mpi -> 1	Self-reported unmet need for medical care	% of population aged 16 and over i. total ii. males iii. females	every year	2,67	ESS (SILC)	Eurostat	No modification.				III-11-1 M	X	X	X	X					X	by detailed reason
1	06_10	mpi -> 1	Population having neither a bath, nor a shower, nor indoor flushing toilet in their household	% of population i. total ii. below 60% of median equivalised income iii. above 60% of median equivalised income	every year	2,83	ESS (SILC)	Eurostat	No modification.	6.2.1 (s)				X	X		X	X					
1	07_60	mpi -> 1	Population unable to keep home adequately warm	% of population i. total ii. below 60% of median equivalised income iii. above 60% of median equivalised income	every year	3,00	ESS (SILC)	Eurostat	No modification.					X	X		X	X			X		
1	11_10	mpi -> 1	Overcrowding rate	% of population i. total ii. below 60% of median equivalised income iii. above 60% of median equivalised income	every year	3,00	ESS (SILC)	Eurostat	No modification.					X	X		X	X	X		X	X	
1	Indicators put on hold or not retained for the EU SDG indicator set 2019																						

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality (3 = high; min=1.5)	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
1	on hold		Material and social deprivation rate (MSD)		every year	3,00	ESS (SILC)	Eurostat	Indicator kept on hold as replacement of sdg_01_30 "Severely materially deprived people" once Europe 2020 strategy has run out.	1.2.2 (p)			I-04-3										
1	on hold		Extent of homelessness in the EU		not specified				Indicator kept on hold as thematic placeholder; however no initiative for indicator development identified so far.														
1	not retained; ex 01_50 (del)		Housing cost overburden rate	% of population i. total ii. below 60% of median equivalised income iii. above 60% of median equivalised income	every year	3,00	ESS (SILC)	Eurostat	Suggested for (re-)inclusion but not retained. This indicator was replaced in 2018 review by new indicator sdg_01_41 "In work at-risk-of-poverty rate" to allow further alignment with the Social Scoreboard of the European pillar of Social Rights.					X	X				X	X		X	X

2	Goal 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture																						
2	02_10	mpi -> 3	Obesity rate	% of population aged 18 or over i. overweight (BMI>25) ii. pre-obese (BMI 25-30) iii. obese (BMI>30)	more than 3 years	2,00	ESS (EHIS)	Eurostat	No modification.	2.2.2 (p)				X	X	X	X				X	X	by body mass index (BMI)
2	02_20		Agricultural factor income per annual work unit (AWU)	Chain linked volumes (2010) in EUR and index 2010 = 100	every year	3,00	ESS (EAA)	DG AGRI	No modification.														
2	02_30		Government support to agricultural research and development	million EUR and EUR per capita (current prices)	every year	2,83	ESS (GBAORD)	Eurostat	No modification.														
2	02_40		Area under organic farming	% of total utilised agricultural area (UAA)	every year	2,67	ESS	Eurostat	No modification.	2.4.1 (p)													
2	02_50		Gross nutrient balance on agricultural land	kg per hectare i. nitrogen ii. phosphorous	every year	2,33	ESS	Eurostat	No modification.														by nutrient
2	02_60		Ammonia emissions from agriculture	tonnes and kg per hectare utilised agricultural area (UAA)	every year	2,83	Reporting under National Emission Ceilings Directive (NECD) and Convention on Long-range Transboundary Air Pollution (CLRTAP)	EEA	No modification.														

2	Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal																						
2	06_40	mpi -> 2; 15	Nitrate in groundwater	mg NO3 per litre	every year	2,00	WISE-4 Waterbase	EEA	No modification.	6.3.2 (p)													
2	15_50	mpi -> 2	Estimated soil erosion by water	km2 and % of the non-artificial erosive area	a-periodic	1,83	Soil erosion database	JRC	No modification.														
2	15_60	mpi -> 2	Common bird index	index 2000 = 100 and index 1990=100 i. all common species ii. common farmland species iii. common forest species	every year	2,00	PECBMS	European Bird Census Council	No modification. To be noted that currently, no MS data are available.														by type of species

2	Indicators put on hold or not retained for the EU SDG indicator set 2019																						
2	on hold	mpi -> 3; 15	Harmonised risk indicator for pesticides		not specified		ESS	Eurostat	Indicator development is well advanced but will only be ready in April or May 2019, i.e. too late for inclusion into the 2019 EU SDG MR but in time for the 2020 EU SDG MR. Therefore kept on hold. The temporary use of alternative indicator "Sales of pesticides" in the 2019 EU SDG MR is not considered appropriate as published data on pesticide sales does not allow assessment at EU level, sales data are of limited significance regarding risks for environment and human health and temporary replacement would not be in line with the principle of continuity of monitoring.														

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3	**Goal 3. Ensure healthy lives and promote well-being for all at all ages**																						
3	03_10		Life expectancy at birth	years i. total ii. males iii. females	every year	2,83	ESS	Eurostat	No modification.					X	X	X							
3	03_20		Share of people with good or very good perceived health	% of population aged 16 or over i. total ii. males iii. females	every year	2,83	ESS (SILC)	Eurostat	No modification.					X	X	X	X				X	X	by level of perception
3	03_30		Smoking prevalence	% of population aged 15 or over i. total ii. males iii. females	every 3 years	2,67	Eurobarometer	DG SANTE	No modification.	3.a.1 (s)				X	X								
3	03_40		Death rate due to chronic diseases	number per 100 000 persons aged less than 65 i. total ii. males iii. females	every year	2,67	ESS	Eurostat		3.4.1 (p)				X	X								
3	03_41		Death rate due to tuberculosis, HIV and hepatitis	number per 100 000 persons i. total ii. males iii. females	every year	2,50	ESS	Eurostat	No modification.	3.3.1 (s); 3.3.2 (s); 3.3.4 (s)				X	X								
3	03_60	mpi -> 1	Self-reported unmet need for medical care	% of population aged 16 and over i. total ii. males iii. females	every year	2,67	ESS (SILC)	Eurostat	No modification.				III-11-1 M	X	X	X	X					X	by detailed reason
3	*Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal*																						
3	02_10	mpi -> 3	Obesity rate	% of population aged 18 or over i. overweight (BMI>25) ii. pre-obese (BMI 25-30) iii. obese (BMI>30)	more than 3 years	2,00	ESS (EHIS)	Eurostat	No modification.	2.2.2 (p)				X	X	X	X				X	X	by body mass index (BMI)
3	08_60	mpi -> 3	People killed in accidents at work	number per 100 000 employees	every year	2,67	ESS (ESAW)	Eurostat	No modification.	8.8.1 (p)													
3	11_20	mpi -> 3	Population living in households considering that they suffer from noise	% of population i. total ii. below 60% of median equivalised income iii. above 60% of median equivalised income	every year	3,00	ESS (SILC)	Eurostat	No modification. Replacement by indicator "Exposure to environmental noise" (TERM 005) was considered but not retained after assessment of data provided for this indicator. However, data reported under Environmental Noise Directive (2002/49/EC) will be included in the narrative of the 2019 EU SDG MR (as in 2018 edition).					X	X		X	X			X	X	
3	11_40	mpi -> 3	People killed in road accidents	persons and number per 100 000 persons	every year	2,83	CARE database	DG MOVE	No modification.	3.6.1 (i)													
3	11_50	mpi -> 3	Exposure to air pollution by particulate matter	µg/m3 i. particulates <2.5µm ii. particulates <10µm	every year	2,33	AirBase - The European air quality database	EEA	No modification.	11.6.2 (i)													by particulate matter
3	*Indicators put on hold or not retained for the EU SDG indicator set 2019*																						
3	on hold		Antimicrobial Resistance (AMR)		not specified		not specified	ECDC	According to feedback received, indicator development is not enough advanced for inclusion into the 2019 EU SDG MR; kept on hold.														
3	not retained; ex 03_50 (del)		Suicide rate	number per 100 000 persons i. total ii. males iii. females	every year	2,67	ESS	Eurostat	Suggested for (re-)inclusion but not retained. This indicator was replaced in 2018 review by new indicator sdg_03_41 " Death rate due to tuberculosis, HIV and hepatitis " to increase policy relevance of SDG 3 monitoring in EU context.	3.4.2 (i)				X	X								
3	not retained		Consumed litres of pure alcohol per capita		not specified				Suggested for inclusion but not retained. To be noted that several proposals on substance abuse (tobacco, alcohol…) were made during development of indicator set in 2017. Indicator sdg_03_30 "Smoking prevalence" was selected as the most relevant health threat. Key figures on alcohol consumption are difficult to interpret as their significance as health determinants is complex.														

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4	**Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all**																						
4	04_10	mpi -> 5	Early leavers from education and training	% of population aged 18 to 24 i. total ii. males iii. females	every year	3,00	ESS (LFS)	Eurostat	No modification.		P1-04	ed	I-01-1 M	X	X				X			X	
4	04_20	mpi -> 5	Tertiary educational attainment	% of population aged 30 to 34 i. total ii. males iii. females	every year	3,00	ESS (LFS)	Eurostat	No modification.		P1-03	ed	I-01-4	X	X	X			X	X	X	X	
4	04_30		Participation in early childhood education	% of children between 4-years-old and the starting age of compulsory education i. total ii. males iii. females	every year	2,83	ESS	Eurostat	No modification.	4.2.2 (s)		ed-c		X									
4	04_40		Underachievement in reading, maths and science	% of 15-year-old students i. reading ii. maths iii. science	every 3 years	2,50	PISA	OECD	No modification.	4.6.1 (i)		ed-c	I-01-3	X									
4	04_50	mpi -> 5	Employment rate of recent graduates	% of population aged 20 to 34 with at least upper secondary education i. total ii. males iii. females	every year	3,00	ESS (LFS)	Eurostat	No modification.			ed-c		X	X	X			X	X	X		
4	04_60		Adult participation in learning	% of population aged 25 to 64 i. total ii. males iii. females	every year	2,83	ESS (LFS)	Eurostat	No modification.	4.3.1 (s)		ed-c	I-01-2	X	X	X			X				
4	*Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal*																						
4	08_20	mpi -> 4	Young people neither in employment nor in education and training	% of population aged 15 to 29 i. total ii. males iii. females	every year	3,00	ESS (LFS)	Eurostat	No modification.	8.6.1 (i)		ed-c	I-05-1 M	X	X	X			X	X	4	X	
4	*Indicators put on hold or not retained for the EU SDG indicator set 2019*																						
4	on hold	mpi -> 4	Individuals with basic or above basic overall digital skills	% of persons aged 16-74	every year	2,50	ESS	Eurostat	Indicator to consider as replacement of one of the existing indicators in SDG 4 once Education and Training 2020 (ET 2020) framework has run out. Indicator on hold was previously assigned to SDG 9.	4.4.1 (s)			III-12-1 M										
5	**Goal 5. Achieve gender equality and empower all women and girls**																						
5	05_10	mpi -> 16	Physical and sexual violence to women experienced within 12 months prior to the interview	% of women i. age 15-74 ii. age 18-29 iii. age 30-39 iv. age 40-49 v. age 50-59 vi. age 60+	a-periodic	1,50	http://fra.europa.eu/en/publications-and-resources/data-and-maps/survey-data-explorer-violence-against-women-survey	DG JUST; EU Agency for Fundamental Rights	No modification, but alternative indicator on "Gender based violence" needs to be developed as current indicator is discontinued since 2012.	5.2.1 (s); 5.2.2 (s)					X								
5	05_20		Gender pay gap in unadjusted form	% of average gross hourly earnings of men	every year	2,67	ESS (SES)	Eurostat	No modification.	8.5.1 (s)	P7-27		I-02-3		X								
5	05_30		Gender employment gap	Percentage points	every year	3,00	ESS (LFS)	Eurostat	No modification.			em-c	I-02-1 M										
5	05_40	mpi -> 8	Inactive population due to caring responsibilities	% of inactive population aged 20 to 64 i. total ii. males iii. females	every year	3,00	ESS (LFS)	Eurostat	No modification.					X	X								

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality (3 = high; min=1.5)	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
5	05_50		Seats held by women in national parliaments and governments	% of seats i. national parliaments ii. national governments	every year	3,00	The Gender Statistics Database (GSD)	EIGE	No modification.	5.5.1 (s)													
5	05_60		Positions held by women in senior management	% of positions i. board members ii. executives	every year	3,00	The Gender Statistics Database (GSD)	EIGE	No modification.	5.5.2 (i)													
5	*Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal*																						
5	04_10	mpi -> 5	Early leavers from education and training	% of population aged 18 to 24 i. total ii. males iii. females	every year	3,00	ESS (LFS)	Eurostat	No modification.		P1-04	ed	I-01-1 M	X	X				X			X	
5	04_20	mpi -> 5	Tertiary educational attainment	% of population aged 30 to 34 i. total ii. males iii. females	every year	3,00	ESS (LFS)	Eurostat	No modification.		P1-03	ed	I-01-4	X	X	X			X	X	X	X	
5	04_50	mpi -> 5	Employment rate of recent graduates	% of population aged 20 to 34 with at least upper secondary education i. total ii. males iii. females	every year	3,00	ESS (LFS)	Eurostat	No modification.			ed-c		X	X	X			X	X	X		
6	**Goal 6. Ensure availability and sustainable management of water and sanitation for all**																						
6	06_10	mpi -> 1	Population having neither a bath, nor a shower, nor indoor flushing toilet in their household	% of population i. total ii. below 60% of median equivalised income iii. above 60% of median equivalised income	every year	2,83	ESS (SILC)	Eurostat	No modification.	6.2.1 (s)				X	X		X	X					
6	06_20	mpi -> 11	Population connected to at least secondary wastewater treatment	% of population	every 2 years	2,17	ESS (OECD/ESTAT joint questionnaire)	Eurostat	No modification.	6.3.1 (s)													
6	06_30	mpi -> 15	Biochemical oxygen demand in rivers	mg O2 per litre	every year	1,83	WISE-4 Waterbase	EEA	No modification.	6.3.2 (s)													
6	06_40	mpi -> 2; 15	Nitrate in groundwater	mg NO3 per litre	every year	2,00	WISE-4 Waterbase	EEA	No modification.	6.3.2 (p)													
6	06_50	mpi -> 15	Phosphate in rivers	mg PO4 per litre	every year	2,00	WISE-4 Waterbase	EEA	No modification.	6.3.2 (p)													
6	06_60		Water exploitation index	% of long term average available water (LTAA) i. total ii. fresh surface water iii. fresh groundwater	every 2 years	2,17	OECD/ESTAT joint questionnaire	Eurostat	No modification. Replacement by more advanced indicator WEI+ produced by EEA to be considered once data on Member States and EU aggregate are available.	6.4.2 (s)													by type of water source
6	*Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal*																						
6	14_40	mpi -> 6	Bathing sites with excellent water quality	Number and % of bathing sites i. seawater ii. freshwater	every year	2,50	EEA	EEA	No modification.														by locality
6	*Indicators put on hold or not retained for the EU SDG indicator set 2019*																						
6	on hold		Water exploitation index, plus (WEI+)	%	not specified			EEA, data collected by Eurostat	Indicator to consider as replacement of sdg_06_60 "Water exploitation index" once data on Member States and EU aggregate are available (currently, only aggregated data by river basins are available).														

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6	on hold		Ecological status of surface waters	% of water bodies (rivers, lakes, transitional and coastal water bodies) in at least good ecological status	more than 3 years		Data reported to Commission in relation to WFD River Basin Management Plan	WISE - EEA	Indicator proposal put on hold to be re-considered as potential replacement of sdg_06_30 "Biochemical oxygen demand in rivers" and sdg_06_50 "Phosphate in rivers" (which both are part of a bundle of indicators used as input for indicator "Ecological status of surface waters") provided frequency and timeliness of the indicator can be improved.	6.3.2 (s)													
7	**Goal 7. Ensure access to affordable, reliable, sustainable and modern energy for all**																						
7	07_10	mpi -> 12; 13	Primary & final energy consumption	million tonnes of oil equivalent and index 2005 = 100	every year	2,83	ESS	Eurostat	No modification.		P3-13; P3-14	en											
7	07_20		Final energy consumption in households per capita	kg of oil equivalent	every year	2,83	ESS	Eurostat	No modification.														
7	07_30	mpi -> 12	Energy productivity	Chain linked volumes (2010) in EUR and PPS per kg of oil equivalent	every year	2,83	ESS	Eurostat	No modification. Transformation to "Energy intensity" to consider once Europe 2020 strategy has run out.	7.3.1 (s)		en-c											
7	07_40	mpi -> 12; 13	Share of renewable energy in gross final energy consumption	% i. all sectors ii. transport iii. electricity iv. heating and cooling	every year	2,83	ESS (SHARES)	Eurostat	No modification.	7.2.1 (i)	P3-12	en											by sector
7	07_50		Energy dependence	% of imports in total energy consumption i. all products ii. solid fuels iii. total petroleum products iv. gas	every year	2,83	ESS	Eurostat	No modification.			en-c											by product
7	07_60	mpi -> 1	Population unable to keep home adequately warm	% of population i. total ii. below 60% of median equivalised income iii. above 60% of median equivalised income	every year	3,00	ESS (SILC)	Eurostat	No modification.					X	X		X	X				X	
7	*Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal*																						
7	13_20	mpi -> 7	Greenhouse gas emissions intensity of energy consumption	index 2000 = 100	every year	2,83	UNFCCC reporting and EU Greenhouse Gas Monitoring Mechanism	EEA; Eurostat	No modification.														
8	**Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all**																						
8	08_10		Real GDP per capita	Chain linked volumes (2010) in EUR and % change on previous year	every year	3,00	ESS (National accounts)	Eurostat	No modification.	8.1.1 (i)	P1-06												
8	08_11		Investment share of GDP	% of GDP i. Total investment ii. Business investment iii. Government investment iv. Households investments	every year	3,00	ESS	Eurostat	No modification.		P1-07												
8	08_20	mpi -> 4	Young people neither in employment nor in education and training	% of population aged 15 to 29 i. total ii. males iii. females	every year	3,00	ESS (LFS)	Eurostat	No modification.	8.6.1 (i)		ed-c	I-05-1 M	X	X	X			X	X	X	X	
8	08_30		Employment rate	% of population aged 20 to 64 i. total ii. males iii. females	every year	3,00	ESS (LFS)	Eurostat	No modification.		P1-02	em	II-06-1 M	X	X	X			X	X		X	

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8	08_40		Long-term unemployment rate	% of active population i. total ii. males iii. females	every year	3,00	ESS (LFS)	Eurostat	No modification.			em-c	II-06-5	X	X								
8	08_60	mpi -> 3	People killed in accidents at work	number per 100 000 employees	every year	2,67	ESS (ESAW)	Eurostat	No modification.	8.8.1 (p)													
8	*Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal*																						
8	01_41	mpi -> 8	In work at-risk-of-poverty rate	% of employed persons aged 18 or over	every year	3,00	ESS (SILC)	Eurostat	No modification.				II-08-3	X	X	X		X	X				by work intensity of the household; by type of contract (temp/perm); by full/part time work; by months worked
8	05_40	mpi -> 8	Inactive population due to caring responsibilities	% of inactive population aged 20 to 64 i. total ii. males iii. females	every year	3,00	ESS (LFS)	Eurostat	No modification.					X	X								
8	12_20	mpi -> 8	Resource productivity and domestic material consumption (DMC)	EUR (chain linked volumes, 2010) per kg DMC; index 2000 = 100; PPS per kg DMC and thousand tonnes DMC	every year	3,00	ESS	Eurostat	No modification.	8.4.2; 12.2.2 (p)	P1-09												
9	**Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation**																						
9	09_10		Gross domestic expenditure on R&D	% of GDP i. total ii. business enterprise sector iii. government sector iv. higher education sector v. private non-profit sector	every year	2,83	ESS	Eurostat	No modification.	9.5.1 (i)	P1-01	rd								X			by sector
9	09_20		Employment in high- and medium-high technology manufacturing and knowledge-intensive services	% of total employment i. total ii. high and medium high-technology manufacturing iii. knowledge-intensive services	every year	2,83	ESS	Eurostat	No modification. Potential candidate for improvement or replacement in order to strengthen monitoring of "promote inclusive & sustainable industrialisation" under SDG 9.	9.2.2 (s)		rd-c		X						X			
9	09_30		R&D personnel	% of active population i. total ii. business enterprise sector iii. government sector iv. higher education sector v. private non-profit sector	every year	2,83	OECD/ESTAT joint questionnaire	Eurostat	No modification. Potential candidate for improvement or replacement in order to strengthen monitoring of "promote inclusive & sustainable industrialisation" under SDG 9.	9.5.2 (s)		rd-c		X						X			by sector
9	09_40		Patent applications to the European Patent Office (EPO)	total number and number per million inhabitants	every year	2,67	PATSTAT	EPO	No modification.			rd-c											
9	09_50	mpi -> 11	Share of busses and trains in total passenger transport	% of total inland passenger-kilometres i. all collective transport modes ii. trains iii. motor coaches, buses and trolley busses	every year	2,50	ESS	Eurostat	No modification.	9.1.2 (s)													by vehicle

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality (3 = high; min=1.5)	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
9	09_60		Share of rail and inland waterways activity in total freight transport	% of total inland tonne-kilometres i. all railways and inland waterways ii. railways iii. inland waterways	every year	2,83	ESS	Eurostat	No modification.	9.1.2 (s)													
9			*Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal*																				
9	12_30	mpi -> 9; 13	Average CO2 emissions per km from new passenger cars	g CO2 per km	every year	3,00	Reporting under Regulation (EC) No 443/2009	EEA	No modification. Movement to SDG 13 might be considered in future reviews provided data bug of existing indicator sdg_13_60 "Population covered by the Covenant of Mayors for Climate and Energy signatories" cannot be resolved and no alternative indicator on climate action support can be found.														
9			*Indicators put on hold or not retained for the EU SDG indicator set 2019*																				
9	on hold	mpi -> 12	Air emission intensity from industry		not specified		Air emission accounts | E-PRTR database	Eurostat | EEA	Potential candidate for inclusion in order to strengthen monitoring of "inclusive & sustainable industrialisation" under SDG 9; could also be used as mpi under SDG 12 ("Decoupling environmental impacts from economic growth"). Put on hold as currently no agreement was achieved on data source to be used, on selection and aggregation of pollutants to be presented and on existing indicator under SDG 9 to be replaced.														
9	not retained		Households - level of internet access		not specified				Suggested for inclusion but not retained as current indicators on infrastructure under SDG 9 are considered as more relevant.	17.6.2 (s)													
10	**Goal 10. Reduce inequality within and among countries**																						
10	10_10		Purchasing power adjusted GDP per capita	PPS (current prices), index EU28 = 100 and coefficient of variation	every year	3,00	ESS	Eurostat	No modification.	8.1.1 (s)	P9-30												
10	10_20		Adjusted gross disposable income of households per capita	PPS (current prices), index EU28 = 100 and coefficient of variation	every year	2,83	ESS	Eurostat	No modification.				II-08-1 M										
10	10_30		Relative median at-risk-of-poverty gap	% distance to poverty threshold	every year	3,00	ESS (SILC)	Eurostat	No modification.					X	X								
10	10_41		Income distribution	Quintile share ratio	every year	3,00	ESS (SILC)	Eurostat	No modification.		P5-23	ps-c	I-03-1 M	X	X								
10	10_50		Income share of the bottom 40 % of the population	% of income	every year	3,00	ESS (SILC)	Eurostat	No modification.	10.1.1 (p)													
10	10_60		Asylum applications	number per million inhabitants i. first time application ii. positive first instance decision	every year	2,67	ESS	Eurostat	No modification.					X	X								by state of procedure
10			*Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal*																				
10	01_20	mpi -> 10	People at risk of income poverty after social transfers	% of population and thousand persons	every year	3,00	ESS (SILC)	Eurostat	No modification.	1.2.1 (s); 1.2.2 (p); 10.2.1 (s)		ps-c	I-04-2	X	X	X		X	X	X	X	X	
10	17_20	mpi -> 10	EU financing to developing countries	million EUR (current prices) i. total ii. official development assistance iii. grants by NGOs iii. private flows iv. other official flows v. officially supported export credits	every year	2,83	OECD database	OECD (DAC)	No modification.														by financing source

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality (3 = high; min=1.5)	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
10	17_30	mpi -> 10	EU imports from developing countries	million EUR (current prices) i. DAC countries ii. least developed countries iii. lower middle income countries iv. other low income countries v. upper middle income countries excl. China vi. China (excl. Hong Kong)	every year	3,00	ESS	Eurostat	No modification.														by country income group
10	*Indicators put on hold or not retained for the EU SDG indicator set 2019*																						
10	not retained		Residents who acquired citizenship as a share of resident non-citizens		not specified				Suggested as replacement of sdg_10_60 "Asylum applications". Agreement on the need to explore alternative indicator for sdg_10_60 "Asylum applications". However, indicator proposal is similarly limited as sdg_10_60 "Asylum applications" in view of meaningful trend assessment.														
11	**Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable**																						
11	11_10	mpi -> 1	Overcrowding rate	% of population i. total ii. below 60% of median equivalised income iii. above 60% of median equivalised income	every year	3,00	ESS (SILC)	Eurostat	No modification.					X	X		X	X	X		X	X	
11	11_20	mpi -> 3	Population living in households considering that they suffer from noise	% of population i. total ii. below 60% of median equivalised income iii. above 60% of median equivalised income	every year	3,00	ESS (SILC)	Eurostat	No modification. Replacement by indicator "Exposure to environmental noise" (TERM 005) was considered but not retained after assessment of data provided for this indicator. However, data reported under Environmental Noise Directive (2002/49/EC) will be included in the narrative of the 2019 EU SDG MR (as in 2018 edition).					X	X		X	X			X	X	
11	11_30 (del)		Difficulty in accessing public transport	% of population total, in cities, in towns and suburbs and in rural areas i. very low ii. low iii. high iv. very high	a-periodic	1,50	ESS (SILC)	Eurostat	Replaced by new indicator sdg_11_31 "Settlement area per capita" (former sdg_15_30 "Artificial area", moved from SDG 15 to SDG 11) as SILC based data collection on access to public transport is discontinued since 2012.	11.2.1 (s)									X		X		by level of difficulty in accessing public transport
11	11_31 (new)	mpi -> 15	Settlement area per capita	square meters per inhabitants	every 3 years	2,17	ESS (LUCAS)	Eurostat	New indicator replacing sdg_11_30 "Difficulty in accessing public transport". Indicator is a modified version of former sdg_15_30 "Artificial area per capita" moved from SDG 15 to SDG 11. Indicator captures land take for settlement purposes such as buildings, industrial and commercial areas, infrastructure etc. (including green urban areas). It will be used as multipurpose indicator for SDG 15 to supplement new indicator on imperviousness change rate.	11.3.1 (s)													
11	11_40	mpi -> 3	People killed in road accidents	persons and number per 100 000 persons	every year	2,83	CARE database	DG MOVE	No modification.	3.6.1 (i)													
11	11_50	mpi -> 3	Exposure to air pollution by particulate matter	µg/m3 i. particulates <2.5µm ii. particulates <10µm	every year	2,33	AirBase - The European air quality database	EEA	No modification.	11.6.2 (i)													by particulate matter
11	11_60		Recycling rate of municipal waste	% of total waste generated	every year	2,83	ESS	Eurostat	No modification.	11.6.1 (p)													
11	*Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal*																						
11	01_60	mpi -> 11	Population living in a dwelling with a leaking roof, damp walls, floors or foundation or rot in window frames or floor	% of population i. total ii. below 60% of median equivalised income iii. above 60% of median equivalised income	every year	2,83	ESS (SILC)	Eurostat	No modification.	11.1.1 (s)				X	X		X	X				X	

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality (3 = high; min=1.5)	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
11	06_20	mpi -> 11	Population connected to at least secondary wastewater treatment	% of population	every 2 years	2,17	ESS (OECD/ESTAT joint questionnaire)	Eurostat	No modification.	6.3.1 (s)													
11	09_50	mpi -> 11	Share of busses and trains in total passenger transport	% of total inland passenger-kilometres i. all collective transport modes ii. trains iii. motor coaches, buses and trolley busses	every year	2,50	ESS	Eurostat	No modification.	9.1.2 (s)													by vehicle
11	16_20	mpi -> 11	Population reporting occurrence of crime, violence or vandalism in their area	% of population i. total ii. below 60% of median equivalised income iii. above 60% of median equivalised income	every year	2,83	ESS (SILC)	Eurostat	No modification.	16.1.4 (s)				X	X			X	X		X	X	
11	_Indicators put on hold or not retained for the EU SDG indicator set 2019_																						
11	on hold		Share of population with access to public transport by service level	% of population	not specified		NSIs, TomTom & public transport providers	DG REGIO	No data at MS level or EU aggregate can be expected in short-term. As alternative, data such as consumer satisfaction with urban transport services (available every 2 years) coming from the Consumer Markets Scoreboard (https://ec.europa.eu/info/publications/consumer-markets-scoreboard_en) might be further explored in view of future monitoring.	11.2.1 (s)													
11	on hold		Share of urban population without green urban areas in their neighbourhood	% of population	not specified		NSIs, TomTom & Urban Atlas	DG REGIO	Kept on hold for further consideration in future reviews. According to current knowledge, only a single data point 2012 related to cities is available and inclusion would require agreement on replacement of existing indicator under SDG 11.														
11	not retained		Population exposure to environmental noise (TERM 005)	% of population (?)	more than 3 years	1,83	Reporting under Environmental Noise Directive (2002/49/EC).	EEA	Indicator proposal re-considered as replacement of sdg_11_20 "Population living in households considering that they suffer from noise". However, data provided on 26 Nov 2018 have a narrow scope on road noise and population within urban areas, provide no socio-economic breakdowns, have a higher reliance on data imputations and will be available only every 5 years. As conclusion, quality of EU SDG monitoring for SDG 11 and SDG 3 would suffer from such a replacement.														
11	not retained		Generation of municipal waste per capita		every year	2,67	ESS	Eurostat	Suggested for inclusion in order to observe the efficiency of waste management. Not retained as current indicator sdg_11_60 "Recycling rate of municipal waste" is evaluated in terms of efficiency of waste management. Generation of waste is addressed by indicator sdg_12_50 "Generation of waste excluding major mineral wastes" under SDG 12.														
11	not retained		Percentage of the population with low or very low overall satisfaction with the dwelling		not specified				Suggested for inclusion but not retained. Indicators on key elements of housing quality (sdg_01_60 "Population living in a dwelling with a leaking roof, damp walls, floors or foundation or rot in window frames or floor" and sdg_11_10 "Overcrowding rate") are already included in the set. However, the (subjective) satisfaction with the dwelling might be included in the narrative part of the EU SDG monitoring report.														
12	**Goal 12. Ensure sustainable consumption and production patterns**																						
12	12_10		Consumption of hazardous and non-hazardous chemicals	million tonnes i. hazardous and non-hazardous - total ii. hazardous to health iii. hazardous to environment	every year	2,40	ESS (PRODCOM; COMEXT)	Eurostat	No modification. Name of indicator adjusted to fit better to (unchanged) definition of content.														by hazardousness
12	12_20	mpi -> 8	Resource productivity and domestic material consumption (DMC)	EUR (chain linked volumes, 2010) per kg DMC; index 2000 = 100; PPS per kg DMC and thousand tonnes DMC	every year	3,00	ESS	Eurostat	No modification.	8.4.2; 12.2.2 (p)	P1-09												

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality (3 = high; min=1.5)	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
12	12_30	mpi -> 9; 13	Average CO2 emissions per km from new passenger cars	g CO2 per km	every year	3,00	Reporting under Regulation (EC) No 443/2009	EEA	No modification. Movement to SDG 13 might be considered in future reviews provided data bug of existing indicator sdg_13_60 "Population covered by the Covenant of Mayors for Climate and Energy signatories" cannot be resolved and no alternative indicator on climate action support can be found.														
12	12_41		Circular material use rate	% of total material use	every year	2,83	ESS	Eurostat	No modification.														
12	12_50		Generation of waste excluding major mineral wastes	kg per capita i. hazardous and non-hazardous - total ii. hazardous iii. non-hazardous	every 2 years	2,67	ESS	Eurostat	No modification.	11.6.1 (s)													by hazardousness
12	12_60		Recycling rate of waste excluding major mineral wastes	% of total waste recycled	every 2 years	2,33	ESS	Eurostat	No modification.	12.5.1 (s)													by waste operations
12	_Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal_																						
12	07_10	mpi -> 12; 13	Primary & final energy consumption	million tonnes of oil equivalent and index 2005 = 100	every year	2,83	ESS	Eurostat	No modification.		P3-13; P3-14	en											
12	07_30	mpi -> 12	Energy productivity	Chain linked volumes (2010) in EUR and PPS per kg of oil equivalent	every year	2,83	ESS	Eurostat	No modification. Transformation to "Energy intensity" to consider once Europe 2020 strategy has run out.	7.3.1 (s)		en-c											
12	07_40	mpi -> 12; 13	Share of renewable energy in gross final energy consumption	% i. all sectors ii. transport iii. electricity iv. heating and cooling	every year	2,83	ESS (SHARES)	Eurostat	No modification.	7.2.1 (i)	P3-12	en											by sector
12	_Indicators put on hold or not retained for the EU SDG indicator set 2019_																						
12	on hold	mpi -> 9	Value added in environmental goods and services sector		every year	2,50	ESS	Eurostat	Kept on hold (also as potential multipurpose indicator for SDG 9) as no agreement was achieved on existing indicator under SDG 12 to be replaced.														
12	on hold	mpi -> 2	Food waste		not specified		ESS	Eurostat	Kept on hold as only modelling estimates at EU-level are currently available.	12.3.1 (s)													
12	on hold		Material footprint, material footprint per capita, and material footprint per GDP		not specified		ESS	Eurostat	Kept on hold as only modelling estimates at EU-level are currently available.	8.4.1 / 12.2.1													
13	**Goal 13. Take urgent action to combat climate change and its impacts**																						
13	13_10		Greenhouse gas emissions	index 1990 = 100 and tonnes of CO2 equivalent per capita	every year	2,83	UNFCCC reporting	EEA	No modification.		P3-11	en											
13	13_20	mpi -> 7	Greenhouse gas emissions intensity of energy consumption	index 2000 = 100	every year	2,83	UNFCCC reporting and EU Greenhouse Gas Monitoring Mechanism	EEA; Eurostat	No modification.														
13	13_30		Mean near surface temperature deviation	Degree Celsius i. HadCRUT4 ii. GISSTEMP iii. NOAA Global Temp	every year	3,00	Met Office HC; NASA-GISS; NOAA-NCEI	EEA	In order to apply the CAGR formula in line with the evaluation of other EU SDG indicators, data will be presented as smoothed time-series based on 30-year moving averages instead of annual figures. The 30 year-moving-averages are chosen according to the World Meteorological Organisation (WMO) definition which considers a period of at least 30 years as appropriate to smoothen the short-term climate variability due to natural factors.			en-c											

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality (3 = high; min=1.5)	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
13	13_40		Climate-related economic losses	million EUR (current values) i. all events ii. meteorological events iii. hydrological events iv. climatological events v. cumulative losses in	every year	2,20	Munich Re	EEA	In order to apply the CAGR formula in line with the evaluation of other EU SDG indicators, data will be presented as smoothed time-series based on 30-year moving averages instead of annual figures (provided an agreement to supply the relevant source data can be achieved between EEA and Munich Re.). The 30 year-moving-averages are chosen according to the World Meteorological Organisation (WMO) definition which considers a period of at least 30 years as appropriate to smoothen the short-term climate variability due to natural factors.	1.5.2 (s)													by type of event
13	13_50		Contribution to the international 100bn USD commitment on climate related expending	million EUR (current prices)	every year	2,17	Monitoring Mecanism Regulation (MMR) 525/2013	DG CLIMA; EIOnet	No modification.	13.a.1 (i)													

13	*Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal*

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
13	07_10	mpi -> 12; 13	Primary & final energy consumption	million tonnes of oil equivalent and index 2005 = 100	every year	2,83	ESS	Eurostat	No modification.		P3-13; P3-14	en											
13	07_40	mpi -> 12; 13	Share of renewable energy in gross final energy consumption	% i. all sectors ii. transport iii. electricity iv. heating and cooling	every year	2,83	ESS (SHARES)	Eurostat	No modification.	7.2.1 (i)	P3-12	en											by sector
13	12_30	mpi -> 9; 13	Average CO2 emissions per km from new passenger cars	g CO2 per km	every year	3,00	Reporting under Regulation (EC) No 443/2009	EEA	No modification. Movement to SDG 13 might be considered in future reviews provided data bug of existing indicator sdg_13_60 "Population covered by the Covenant of Mayors for Climate and Energy signatories" cannot be resolved and no alternative indicator on climate action support can be found.														
13	14_50	mpi -> 13	Mean ocean acidity	pH value i. measured ii. calculated	every year	2,50	Station ALOHA Surface Ocean Carbon Dioxide Copernicus Marine Service from 2018	EEA / The Laboratory for Microbial Oceanography (Hawaii); CMIP; Copernicus	Copernicus-based data provided under the Marine Environment Monitoring Service of the European Earth Observation Programme will replace current data source provided data development will be achieved in time for drafting the 2019 EU SDG MR and data will be published by EEA in time before release of the 2019 EU SDG MR. To be noted that to allow trend assessment in 2019 EU SDG MR, smoothed time series eliminating short-term fluctuation will be used.	14.3.1 (s)													

13	*Indicators put on hold or not retained for the EU SDG indicator set 2019*

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
13	on hold (13_60)		Population covered by the Covenant of Mayors for Climate and Energy signatories	million persons and % of population	every year	2,40	http://www.covenantofmayors.eu/about/covenant-in-figures_en.html (->Signatories)	CoMO	Temporarily put on hold due to detected data problems. However, topic will still be addressed in the narrative part of 2019 EU SDG MR. Ways forward are to either resolve the issue or to find an alternative indicator on support to climate action.														

14	**Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development**

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
14	14_10		Surface of marine sites designated under NATURA 2000	km2	every year	2,50	ETC/BD	DG ENV	No modification.	14.5.1 (s)													
14	14_21		Estimated trends in fish stock biomass	i. Number of fish stocks assessed ii. index 2003 = 100	every year	2,75		JRC (STECF)	No modification.	14.4.1 (s)													
14	14_30		Assessed fish stocks exceeding fishing mortality at maximum sustainable yield (Fmsy)	i. Number of assessed fish stocks ii. Number of overfished fish stocks iii. % of overfished fish stocks iv. Model based mean value of all assessments	every year	2,75		JRC (STECF)	No modification.	14.4.1 (s)													
14	14_40	mpi -> 6	Bathing sites with excellent water quality	Number and % of bathing sites i. seawater ii. freshwater	every year	2,50	EEA	EEA	No modification.														by locality

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality (3 = high; min=1.5)	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
14	14_50	mpi -> 13	Mean ocean acidity	pH value i. measured ii. calculated	every year	2,50	Station ALOHA Surface Ocean Carbon Dioxide Copernicus Marine Service from 2018	EEA / The Laboratory for Microbial Oceanography (Hawaii); CMIP; Copernicus	Copernicus-based data provided under the Marine Environment Monitoring Service of the European Earth Observation Programme will replace current data source provided data development will be achieved in time for drafting the 2019 EU SDG MR and data will be published by EEA in time before release of the 2019 EU SDG MR. To be noted that to allow trend assessment in 2019 EU SDG MR, smoothed time series eliminating short-term fluctuation will be used.	14.3.1 (s)													

14	Indicators put on hold or not retained for the EU SDG indicator set 2019																						
14	on hold		Marine protected areas in Europe (MAR 004)	% of total area (?)	not specified		EEA coastline for analysis (EEA); Natura 2000 data - the European network of protected sites (DG ENV); Nationally designated areas (EEA)	EEA; DG ENV	Kept on hold as potential replacement of sdg_14_10 "Surface of marine sites designated under NATURA 2000" provided data meets minimum quality requirements and frequency and timeliness of the indicator production can be improved (further investigation with support of DG ENV and EEA needed).	14.5.1 (s)													
14	on hold		Nutrients in transitional, coastal and marine waters (MAR 005)	concentrations winter nitrate and phosphate in micromol/l	not specified		The European Topic Centre on Inland, Coastal and Marine waters	DG ENV/ESTAT/EEA	Kept on hold. Indicator is consider as potential enlargement of monitoring progress towards SDG 14 provided data meets minimum quality requirements and frequency and timeliness of the indicator production can be improved. Alternatively, indicator such as "Environmental status of marine waters" might be considered (further investigation with support of DG ENV and EEA needed).														

15	Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss																						
15	15_10		Share of forest area	% of total land area i. all forest area FAO ii. forest FAO iii. other wooded land FAO	every 3 years	2,17	ESS (LUCAS)	Eurostat	No modification. To be noted that significance of indicator for assessing sustainable forest management is limited. The potential of other data sources such as Forest HRLs to address the topic of sustainable forest management under SDG 15 needs to be analysed in more detail for further SDG monitoring.	15.1.1 (i)													by type of land cover
15	15_20		Surface of terrestrial sites designated under NATURA 2000	km2	every year	2,50	ETC/BD	EEA / DG ENV	No modification.	15.1.2; 15.4.1 (s)													
15	15_30 (del)	mpi -> 11	Artificial land cover	m2 per capita; km2; index 2009 = 100 and index 2012 = 100	every 3 years	2,17	ESS (LUCAS)	Eurostat	Modified to new indicator sdg_11_31 "Settlement area per capita" and moved to SDG 11.	11.3.1 (s)													
15	15_41 (new)		Imperviousness change rate	ha, %	every 3 years	2,00	Copernicus HRL	EEA	New indicator replacing sdg_15_30 "Artificial land cover" (sdg_15_30 was modified to "Settlement area per capita" and moved to SDG 11 to become the new indicator sdg_11_31, while still being used as a multipurpose indicator for SDG 15). Indicator is based on Copernicus HRL data and captures the loss of biologically productive land due to soil sealing/imperviousness (excluding green urban areas).	11.3.1 (s)													
15	15_50	mpi -> 2	Estimated soil erosion by water	km2 and % of the non-artificial erosive area	a-periodic	1,83	Soil erosion database	JRC	No modification.														
15	15_60	mpi -> 2	Common bird index	index 2000 = 100 and index 1990=100 i. all common species ii. common farmland species iii. common forest species	every year	2,00	PECBMS	European Bird Census Council	No modification. To be noted that currently, no MS data are available.														by type of species
15	15_61		Grassland butterfly index	index 2000 = 100 and index 1990 = 100	every year	2,00	BMS (Butterfly M	EEA (Butterfly Conservation Europe)	No modification. To be noted that currently, no MS data are available.														

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality (3 = high; min=1.5)	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
15	*Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal*																						
15	06_30	mpi -> 15	Biochemical oxygen demand in rivers	mg O2 per litre	every year	1,83	WISE-4 Waterbase	EEA	No modification.	6.3.2 (s)													
15	06_40	mpi -> 2; 15	Nitrate in groundwater	mg NO3 per litre	every year	2,00	WISE-4 Waterbase	EEA	No modification.	6.3.2 (p)													
15	06_50	mpi -> 15	Phosphate in rivers	mg PO4 per litre	every year	2,00	WISE-4 Waterbase	EEA	No modification.	6.3.2 (p)													
15	11_31 (new)	mpi -> 15	Settlement area per capita	square meters per inhabitants	every 3 years	2,17	ESS (LUCAS)	Eurostat	New indicator replacing sdg_11_30 "Difficulty in accessing public transport". Indicator is a modified version of former sdg_15_30 "Artificial area per capita" moved from SDG 15 to SDG 11). Indicator captures land take for settlement purposes such as buildings, industrial and commercial areas, infrastructure etc. (including green urban areas). It will be used as multipurpose indicator for SDG 15 to supplement new indicator on imperviousness change rate.	11.3.1 (s)													
15	*Indicators put on hold or not retained for the EU SDG indicator set 2019*																						
15	on hold		Conservation status of species and habitats of European importance (SEBI 003 & SEBI 005)	% of sufficient or improved sites(?)	not specified			EEA	Kept on hold as potential replacement of sdg_15_20 "Surface of terrestrial sites designated under NATURA 2000" provided data meets minimum quality requirements and frequency and timeliness of the indicator production can be improved (further investigation with support of DG ENV and EEA needed).														
15	on hold	mpi -> 2	Topsoil organic carbon content	% of organic carbon	not specified		LUCAS	JRC	Kept on hold as indicator development is not finalised and interpretation of observed trends based on available data not clear. Adjusted TOC levels are expected to vary greatly between MS due to natural conditions but to show no important change over time. Alternative indicators capturing sustainable cropland management (e.g. based on Copernicus HRL data capturing phenomenon such as crop rotation) might be considered.														
15	not retained		Forest: growing stock, increment and fellings (SEBI 017)		not specified		Forest Europe & FAO	EEA	Dropped from the on hold list as data are not suitable to be assessed against a clear target trend. The potential of other data sources such as Forest HRLs to address the topic of sustainable forest management under SDG 15 needs to be analysed in more detail for further SDG monitoring.														
15	not retained	mpi -> 11	Land take (LSI 001/CSI 014) or Land cover change (SEBI 004)	ha, %	not specified		Corine Land Cover; Copernicus	EEA	Removed from the on hold list as obsolete since new indicators sdg_15_41 "Imperviousness change rate" and sdg_11_31 "Settlement area per capita" (used as a multipurpose indicator for SDG 15) will be included in EU SDG indicator set and will cover this aspect.	11.3.1 (s)													
16	**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**																						
16	16_10		Death rate due to homicide	number per 100 000 persons i. total ii. males iii. females	every year	2,67	ESS	Eurostat	No modification.	16.1.1 (s)				X	X								
16	16_20	mpi -> 11	Population reporting occurrence of crime, violence or vandalism in their area	% of population i. total ii. below 60% of median equivalised income iii. above 60% of median equivalised income	every year	2,83	ESS (SILC)	Eurostat	No modification.	16.1.4 (s)				X	X		X	X			X	X	
16	16_30		General government total expenditure on law courts	million EUR and EUR per capita (current prices)	every year	2,67	ESS	Eurostat	No modification.													
16	16_40		Perceived independence of the justice system	% of population i. very good or fairly good ii. very good iii. fairly good iv. very bad or fairly bad v. very bad vi. fairly bad vii. unknown	every year	2,33	Eurobarometer	DG COMM	No modification.														
16	16_50		Corruption Perceptions Index	Score scale of 0 (highly corrupt) to 100 (very clean)	every year	2,83	http://www.transparency.org/research/cpi/overview	Transparency International	No modification.	16.5.2 (s)													

Goal	Code	MPI	Indicator name	Unit(s)	Frequency of data collection	Rating of data quality (3 = high; min=1.5)	Data source	Data provider	Evaluation outcome	UN global list	10 Priorities	Europe 2020	Pillar of Social Rights	by sex	by age group	by educational level	by poverty status	by household type	by country of birth	by region (NUTS2)	by urban/rural (DEGURBA)	by disability	others
16	16_60		Population with confidence in EU institutions	% of population i. European Parliament ii. European Commission iii. European Central Bank	every year	3,00	Eurobarometer	DG COMM	No modification.		P0-36												by institution
16	*Multipurpose indicators: Supplementary indicators of other goals which complement the monitoring of this goal*																						
16	05_10	mpi -> 16	Physical and sexual violence to women experienced within 12 months prior to the interview	% of women i. age 15-74 ii. age 18-29 iii. age 30-39 iv. age 40-49 v. age 50-59 vi. age 60+	a-periodic	1,50	http://fra.europa.eu/en/publications-and-resources/data-and-maps/survey-data-explorer-violence-against-women-survey	DG JUST; EU Agency for Fundamental Rights	No modification, but alternative indicator on "Gender based violence" needs to be developed as current indicator is discontinued since 2012.	5.2.1 (s); 5.2.2 (s)					X								
16	*Indicators put on hold or not retained for the EU SDG indicator set 2019*																						
16	not retained		Prisoners in pre trial as a percentage of total prisoners		not specified				Suggested for inclusion as replacement of sdg_16_30 "General government total expenditure on law courts" but not retained as preference is given to existing indicator due to its policy relevance in EU context.														
16	not retained		Individuals obtaining information from public authorities web sites (last 12 months)	% of individuals aged 16 to 74	not specified				Suggested for inclusion but not retained as preference is given to existing indicators under SDG 16 regarding the limited policy relevance of the proposed indicator in an EU context.														
17	**Goal 17. Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development**																						
17	17_10		Official development assistance as share of gross national income	% of GNI (at current prices)	every year	3,00	OECD database	OECD (DAC)	No modification.	17.2.1 (s)	P9-33												
17	17_20	mpi -> 10	EU financing to developing countries	million EUR (current prices) i. total ii. official development assistance iii. grants by NGOs iii. private flows iv. other official flows v. officially supported export credits	every year	2,83	OECD database	OECD (DAC)	No modification.														by financing source
17	17_30	mpi -> 10	EU imports from developing countries	million EUR (current prices) i. DAC countries ii. least developed countries iii. lower middle income countries iv. other low income countries v. upper middle income countries excl. China vi. China (excl. Hong Kong)	every year	3,00	ESS	Eurostat	No modification.														by country income group
17	17_40		General government gross debt	% of GDP and million EUR (current prices)	every year	3,00	ESS	Eurostat	No modification.														
17	17_50		Shares of environmental and labour taxes in total tax revenues	% (current prices) i. environmental taxes ii. labour taxes	every year	2,83	ESS	Eurostat	No modification.														