

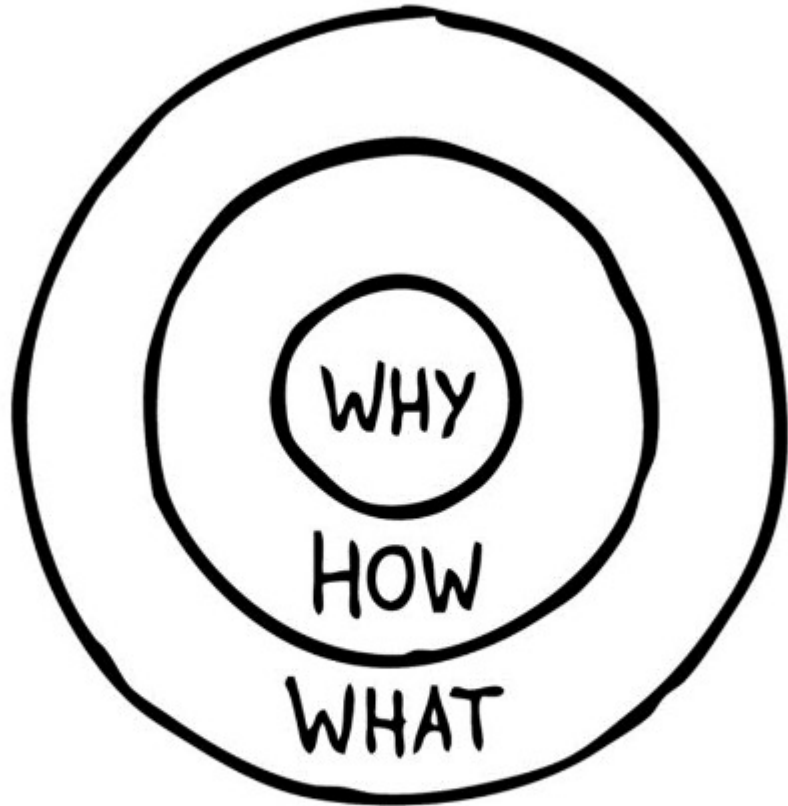
# SDG indicators – an ocean of opportunities?

The story about the [taxonomy](#) for SDG indicators

SIXTH EXPERT MEETING ON STATISTICS FOR SDGs



Statistisk sentralbyrå  
Statistics Norway



**Why** a taxonomy

**How** the taxonomy was developed

**What** the taxonomy can be used for

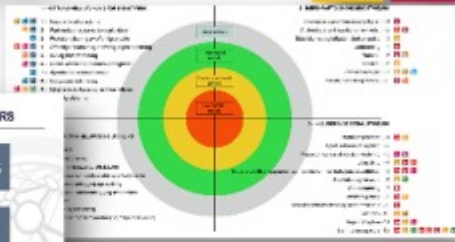




### 71 INDICATORS

45 official  
26 experimental

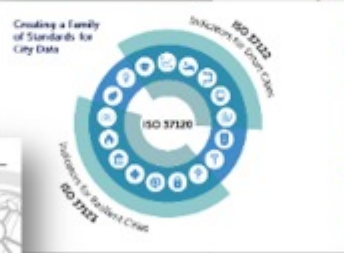
8 indicators match both the EU set and the UN Global Framework  
4 indicators match the UN's Global Indicator Framework  
10 indicators match the EU SDGs Indicator Set 2019



#### Overview of Oslo and Akershus, Norway



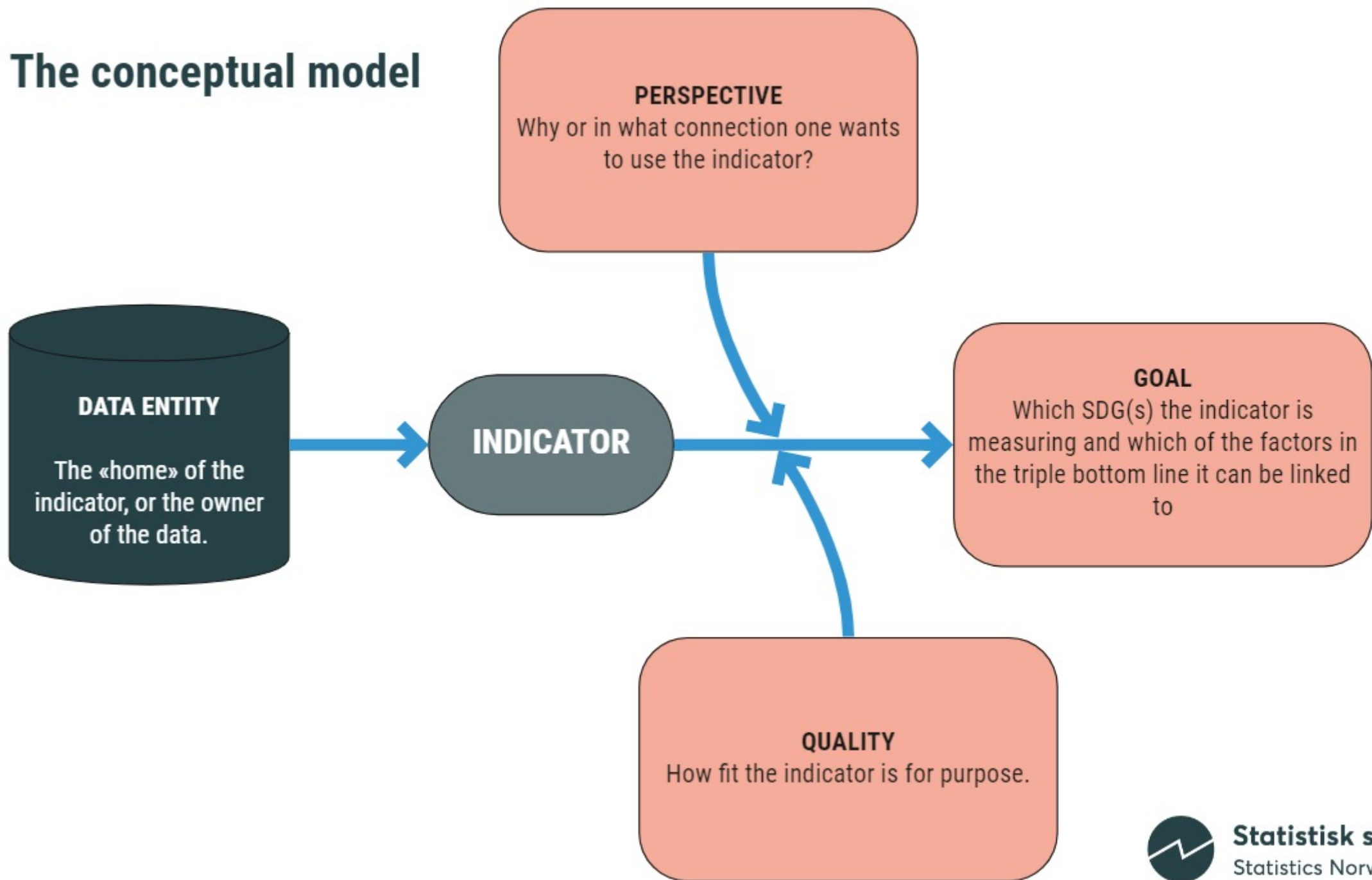
Indicator	Value	Target	Unit
1. Economic growth	2.5%	2.5%	%
2. Employment	68%	68%	%
3. Innovation	1.2%	1.2%	%
4. Digitalization	85%	85%	%
5. Environmental impact	1.5%	1.5%	%
6. Social inclusion	10%	10%	%
7. Quality of life	8.5	8.5	index
8. Resilience	7.5	7.5	index



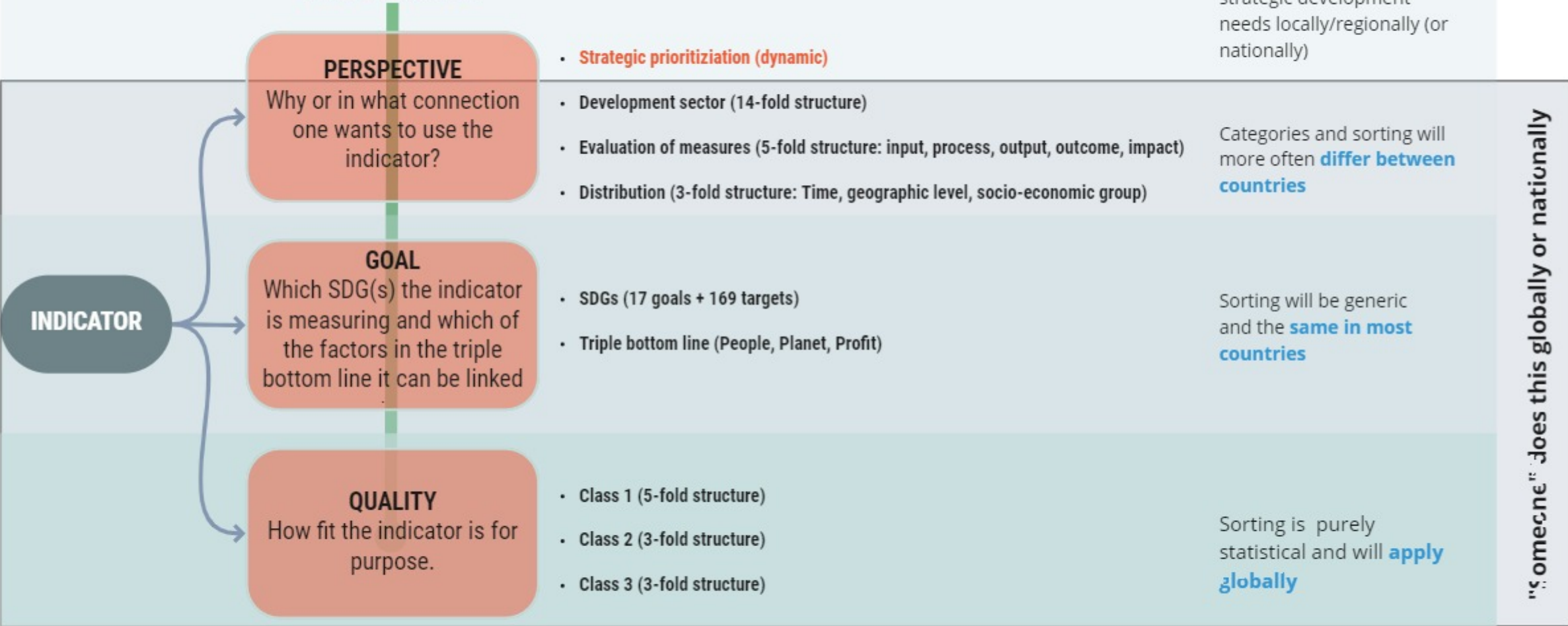
## SUSTAINABLE DEVELOPMENT REPORT 2021



# The conceptual model



### The 3 Dimensions



# A TAXONOMY

## FOR INDICATORS RELATED TO THE SUSTAINABLE DEVELOPMENT GOALS

The taxonomy was developed with the purpose of sorting, evaluating and comparing different SDG indicators and indicator sets.

### Strategic priority

Can be formulated dynamically according to the user needs, e.g.:



## PERSPECTIVE

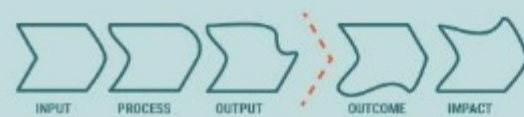
### Development sector

A 14-category structure (Digitaliseringsdirektoratet, Norway) which is a common glossary for categorising and describing public services and resources.



### Evaluation

The 5-category typology originates from the well-known input-output model in econometrics.



### Distribution

Relevant when the same indicator is needed more than once, either over time, across geographical areas or subpopulations.



INDICATOR

## QUALITY

Based on version 2.0 of "Quality Assurance Framework of the European Statistical System".

### Class 1

Standard quality framework of ESS.



### Class 2

If the indicator neither belongs to class 1 nor class 3.



### Class 3

If the indicator is unavailable, because one or several of the following features are missing.



## GOAL

### The Sustainable Development Goals (SDGs)

consists of 17 goals and 169 targets



### Triple bottom line (TBL)

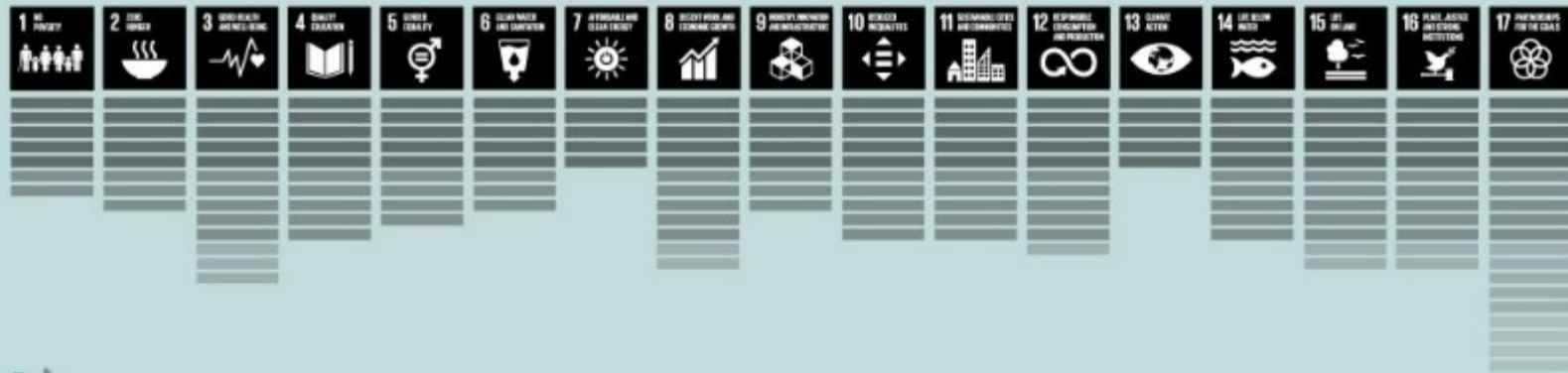
Triple bottom line accounting expands the traditional reporting framework to take into account social and environmental performance in addition to financial performance.



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# QUALITY

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## ✓ Class 1

Standard quality framework of ESS.



RELEVANCE



ACCURACY



TIMELINESS



COHERENCE AND  
COMPARABILITY



AVAILABILITY  
AND CLARITY

## – Class 2

If the indicator neither belongs to class 1 nor class 3.



UNDER DEVELOPMENT



UNDER PLANNING  
FOR DEVELOPMENT



UNDECIDED

## ✗ Class 3

If the indicator is unavailable, because one or several of the following features are missing.

1 0 1

0 1 1

DATA

$f(x)$

METHOD



MEASURABLE  
CONCEPT



# Strategic priority

Can be formulated dynamically according to the user needs, e.g.:



# PERSPECTIVE

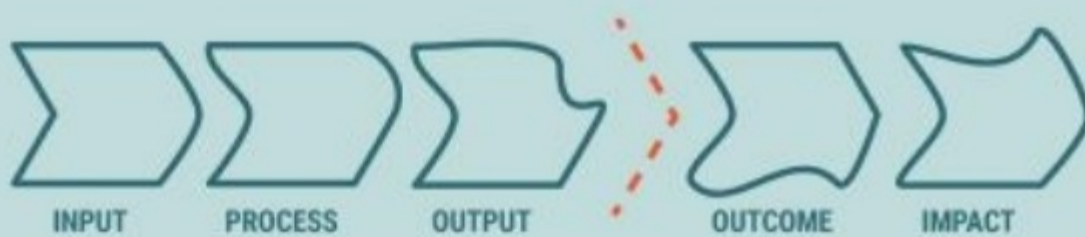
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INDIC

GO

**Data**



**Data (indicators, statistics and measuringpoints)**

**Sorted**



**Arranged**



**Presented visually**



**Explained with a story**



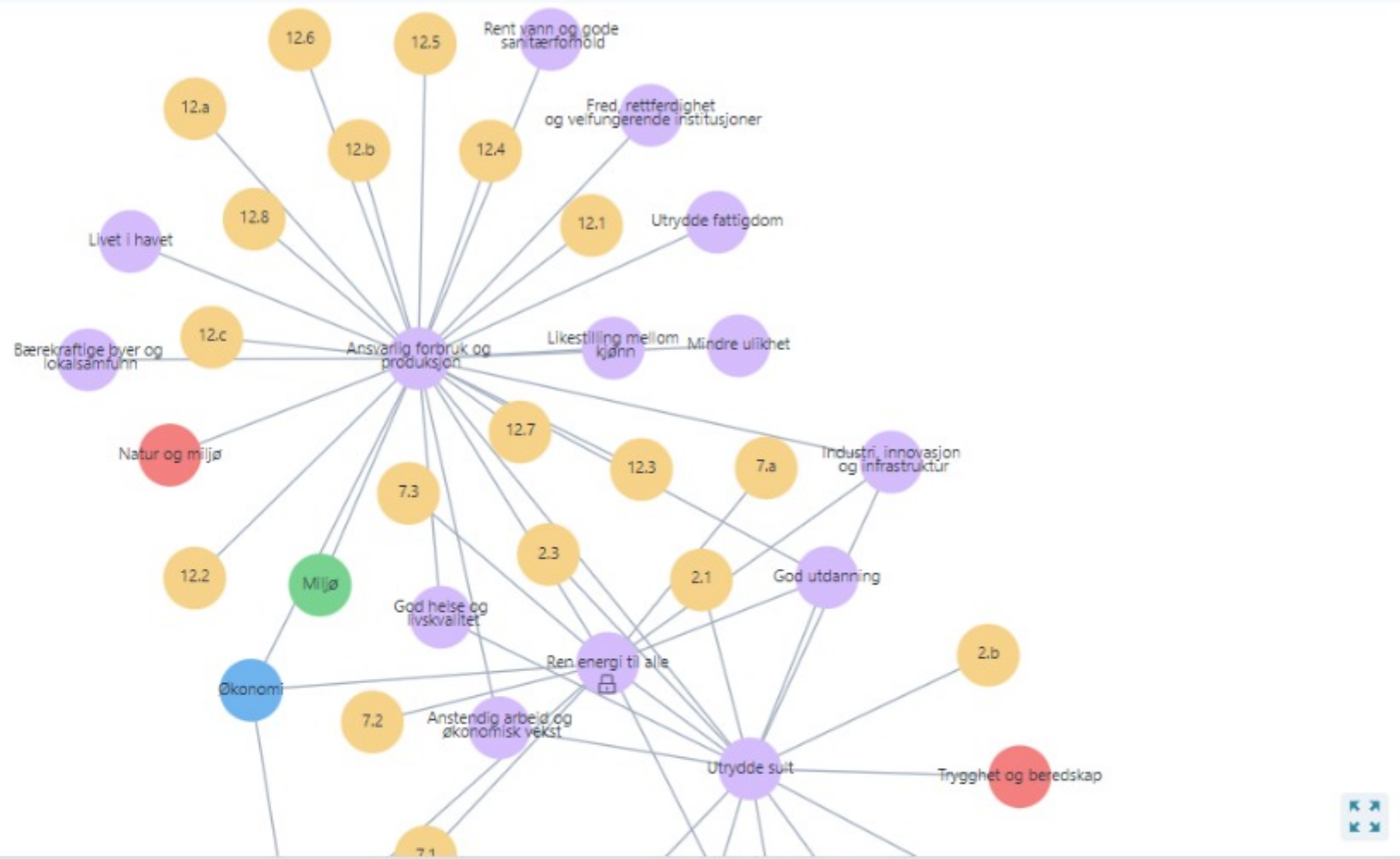
**Use of data in plans, strategies and results**

**Taxonomy**



**Ontology**





- Standardfarge/Startnode
- SDG (Bærekraftsmål)
- Delmål til bærekraftsmål
- Trippel bunnlinje
- Utviklingsområde
- Kategori
- U4SSC KPI
- Direktoratområde
- Enhetsområde

Ren energi til en overkommelig pris for alle. Bærekraftsmål 7 handler om at alle mennesker skal ha bærekraftig, moderne, og ikke altfor dyr. Arbeidet med dette målet utarter seg ulikt forskjellige

**Har positiv virkning til:**

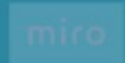
- Utrydde sult
- God utdanning
- Industri, innovasjon og infrastruktur
- Utrydde fattigdom
- Bærekraftige byer og lokalsamfunn
- Fred, rettferdighet og velfungerende institusjoner
- God helse og livskvalitet
- Likestilling mellom kjønn
- Rent vann og gode sanitærforhold
- Mindre ulikhet
- Livet i havet
- Anstendig arbeid og økonomisk vekst
- Økonomisk vekst




**Har negativ virkning til:**

- Ansvarlig forbruk og produksjon

**Har utviklingsområde til:**

- Energi



<input type="checkbox"/>	Indicator set	Owner	Logo	URL	Indicators
1	UN SDG indicators	UN		<a href="https://unstats.un.org/sdgs/indicators/indicators-list/">https://unstats.un.org/sdgs/indicators/indicators-list/</a>	1.1.1 Proportion of the popul 1.2.1 Proportion of populatio 1.2.2 Proportion of men, won 1.3.1 Proportion of populatio 1.4.1 Proportion of populatio
2	OECD: A Territorial Approach to the SDGs	OECD		<a href="https://www.oecd.org/region/al/a-territorial-approach-to-the-sustainable-development-goals-e86fa715-en.htm">https://www.oecd.org/region/al/a-territorial-approach-to-the-sustainable-development-goals-e86fa715-en.htm</a>	Average disposable income p Percentage of population wit Decrease in poverty rates (na Rooms per person Percentage of population sat
3	U4SSC	ITU		<a href="https://www.itu.int/en/publications/Documents/tsb/2017-U4SSC-Collection-Methodology/files/downloads/421318-CollectionMethodologyfor...">https://www.itu.int/en/publications/Documents/tsb/2017-U4SSC-Collection-Methodology/files/downloads/421318-CollectionMethodologyfor...</a>	Household Internet Access Fixed Broadband Subscrip Wireless Broadband Subscrip Wireless Broadband Coverag Wireless Broadband Coverag
4	The UNSDSN/Bertelsmann Stiftung	Sustainable Development Solutions Network		<a href="https://www.unsdn.org/sdg-index-and-monitoring">https://www.unsdn.org/sdg-index-and-monitoring</a>	
5	The EU-JRC-VLR-handbook indicators	EU		<a href="https://publications.jrc.ec.europa.eu/repository/handle/JRC119662">https://publications.jrc.ec.europa.eu/repository/handle/JRC119662</a>	
6	The Norwegian Measuring Points	The Norwegian Government		<a href="https://www.regjeringen.no/no/dokumenter/meld-st-40-20202021/id2862554/">https://www.regjeringen.no/no/dokumenter/meld-st-40-20202021/id2862554/</a>	Antall bostedsløse Antall personer uten inntekt Andel personer med vedvare Andel barn i husholdninger n Andel i befolkningen med år

Indicator	SDG	Target	Triple bottom line	Strategic priority	Development sector	Evaluation
				responsible finance		
54 3.d.1 International Health Regulations (IHR) capacity and health emergency preparedness.	03	03.d	People	Social cohesion & responsible finance	Health, social services and we Safety and preparedness	1-Input
55 3.d.2 Percentage of bloodstream infections due to selected antimicrobial-resistant organisms.	03	03.d	People	Social cohesion	Health, social services and we	3-Output
56 4.1.1 Proportion of children and young people (a) in grades 2/3; (b) at the end of primary; and (c) at the end of lower secondary achieving at least a minimum proficiency level in (i) reading and (ii) mathematics, by sex.	04	04.1	People	Social cohesion	Childhood and education	4-Outcome
57 4.1.2 Completion rate (primary education, lower secondary education, upper secondary education).	04	04.1	People	Social cohesion	Childhood and education	4-Outcome
58 4.2.1 Proportion of children aged 24–59 months who are developmentally on track in health, learning and psychosocial well-being, by sex.	04	04.2	People	Social cohesion	Childhood and education Economy	3-Output
59 4.2.2 Participation rate in organized learning (one year before the official primary entry age), by sex.	04	04.2	People	Social cohesion	Childhood and education Economy	1-Input



# Contextualized classification provides valuable insights

952

Indicators in total

248

UN SDG indicators

477

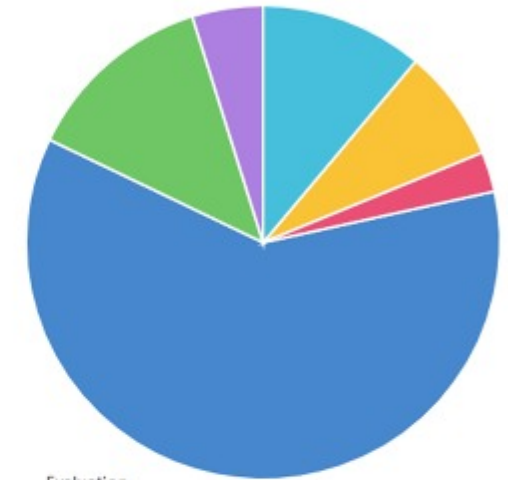
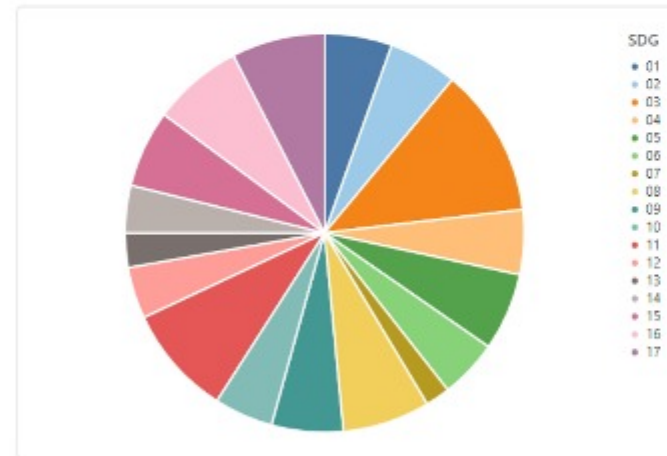
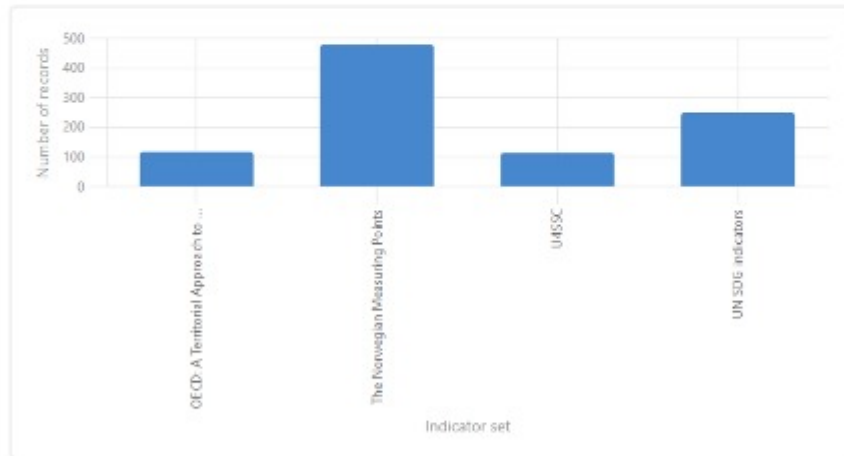
Norwegian Measuring Points

115

OECD

112

U4SSC



# Thank you!

Live Margrethe Rognerud – LMR@ssb.no



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