



# A taxonomy to support local SDG measuring

23.10.2025

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Ambition: Make it easier to measure  
SDG progress locally and regionally





Norwegian Ministry  
of Local Government and Modernisation  
Norwegian Ministry  
of Foreign Affairs

## Voluntary National Review 2021 Norway

Report on the Implementation of the 2030 Agenda for Sustainable Development



## Voluntary Subnational Review – Norway

Implementation of the UN's Sustainable Development Goals in  
Norwegian Local and Regional Government



KOMMUNESEKTORENS ORGANISASJON  
The Norwegian Association of Local and Regional Authorities

NORDREGIO 2024:16

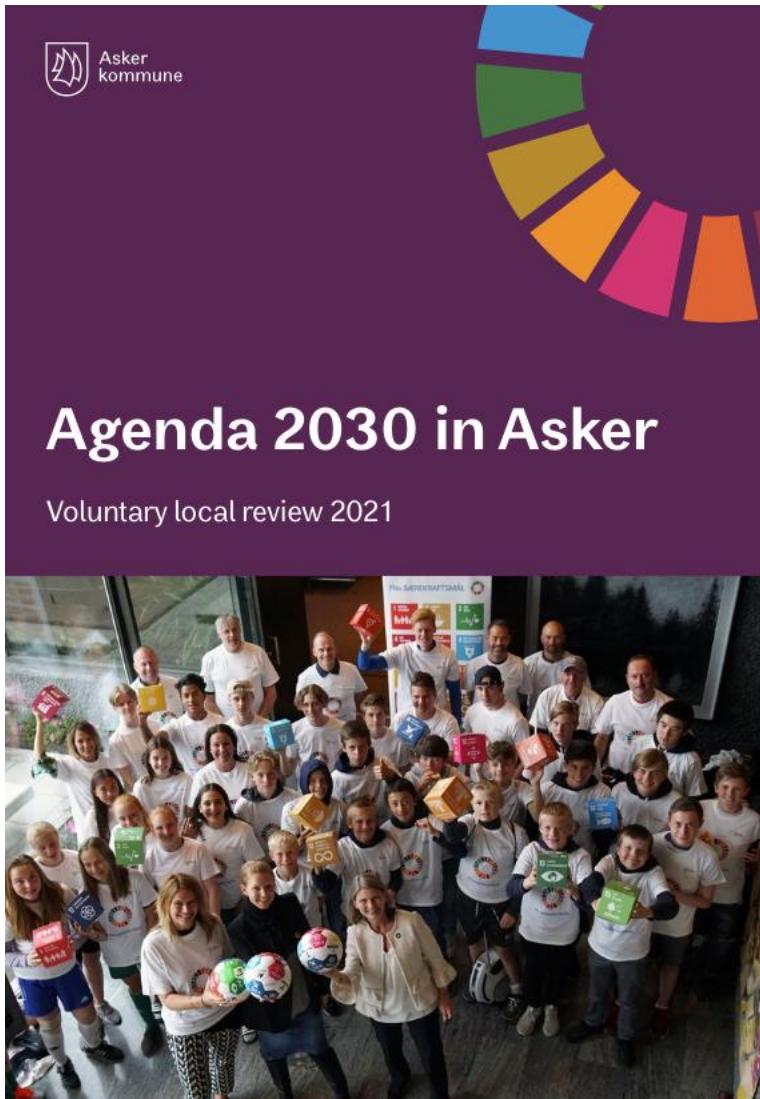
# The Nordic View on Sustainability

Learnings from the Local Level

Nordic Voluntary Subnational Review 2024

 **THE GLOBAL GOALS**  
For Sustainable Development





# It is a jungle of possible indicators – which to choose?



# A TAXONOMY

## FOR INDICATORS RELATED TO THE SUSTAINABLE DEVELOPMENT GOALS

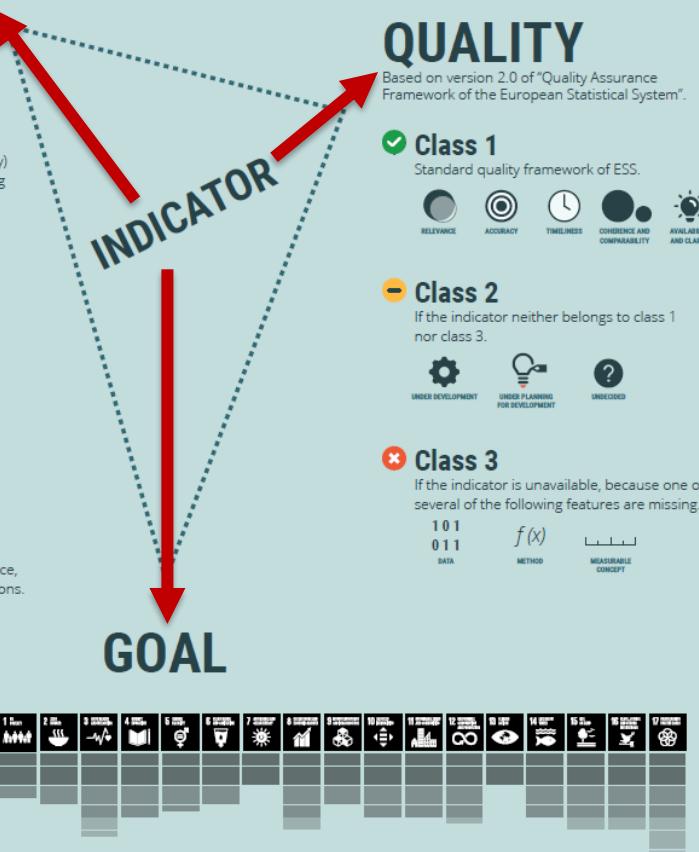
The taxonomy was developed with the purpose of sorting, evaluating and comparing different SDG indicators and indicator sets.

### Strategic priority

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



### PERSPECTIVE



## Taxonomy = toolbox

- to help contextualize data**
  - choosing fit-for-purpose data
- to help make informed data choices**
  - keeping data honest
  - aiding good governance
- to find data/indicator gaps**
  - giving direction to new research

# Stage 1: Classification of SDG-related indicator sets



# Initial classification of 6 indicator sets – no «surprises»

Indicators in total

**1095**

U4SSC-indicators

**112**

UN SDG indicators

**248**

Suggested National Indicators for Norway

**477**

OECD-indicators

**115**

JRC-20-indicators

**143**



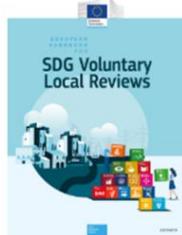
UN SDG indicators

Owner  
UN



OECD: A Territorial Approach ...

Owner  
OECD



The EU-JRC-VLR-handbook in...

Owner  
EU JRC



De norske målepunktene

Owner  
The Norwegian Government



The EU-JRC-VLR-handbook in...

Owner  
EUC

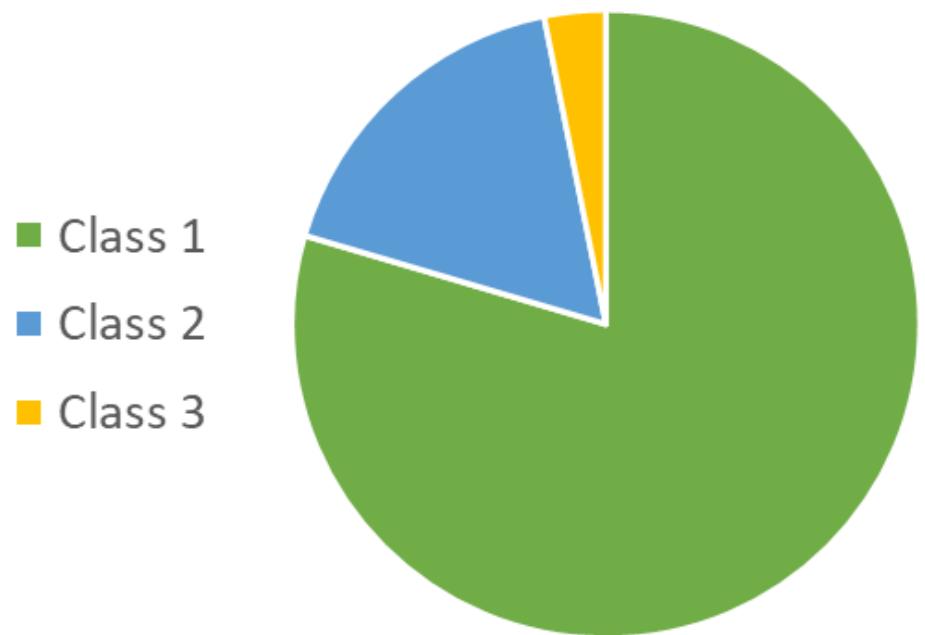


U4SSC

Owner  
ITU

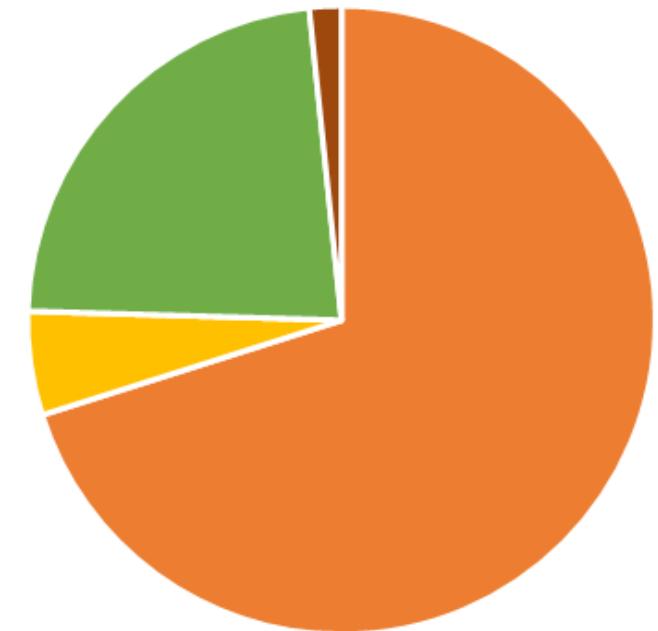
Neither surprising - mostly top quality, national level indicators

**Quality**



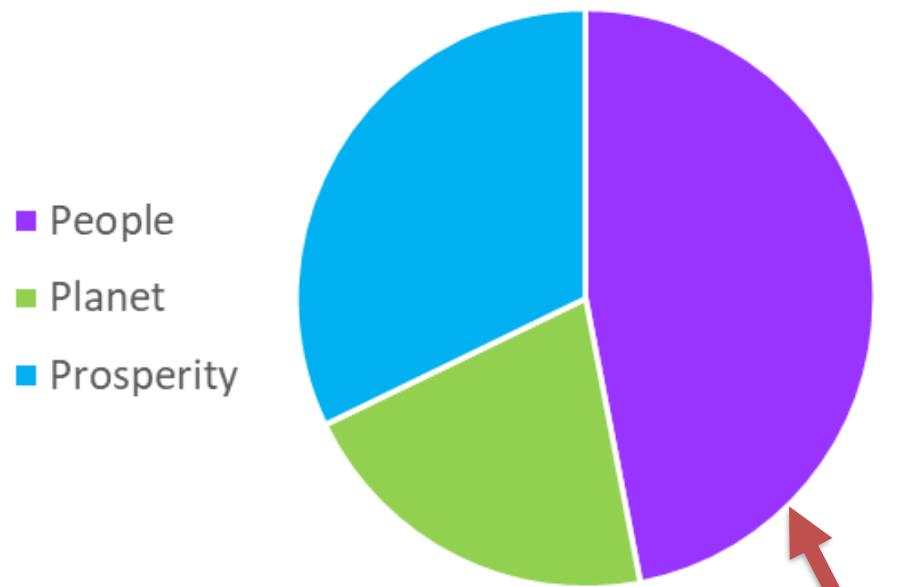
**Level of geography**

- National
- Regional/County
- City
- District



BUT – some findings DO stand out as interesting

### Triple Bottom Line

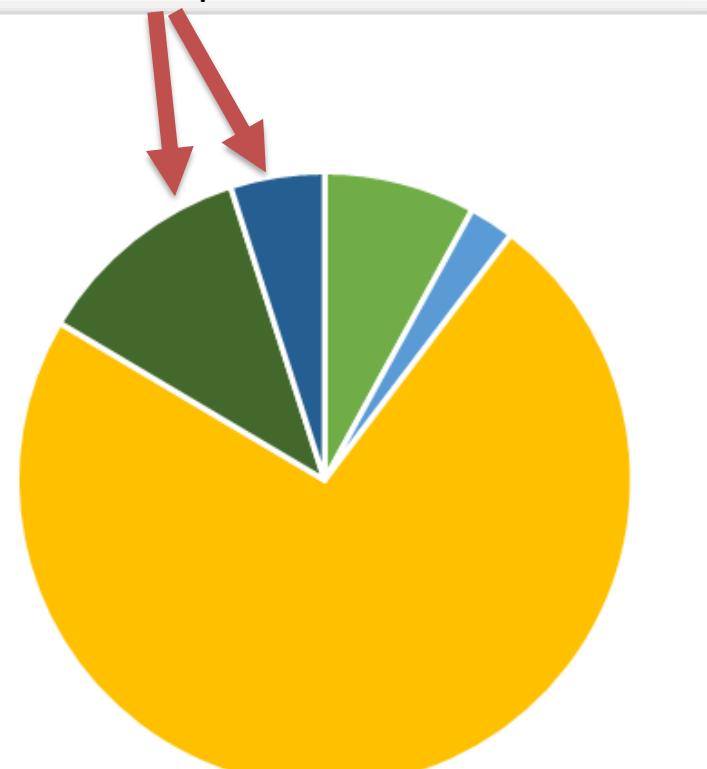


More than  
we thought

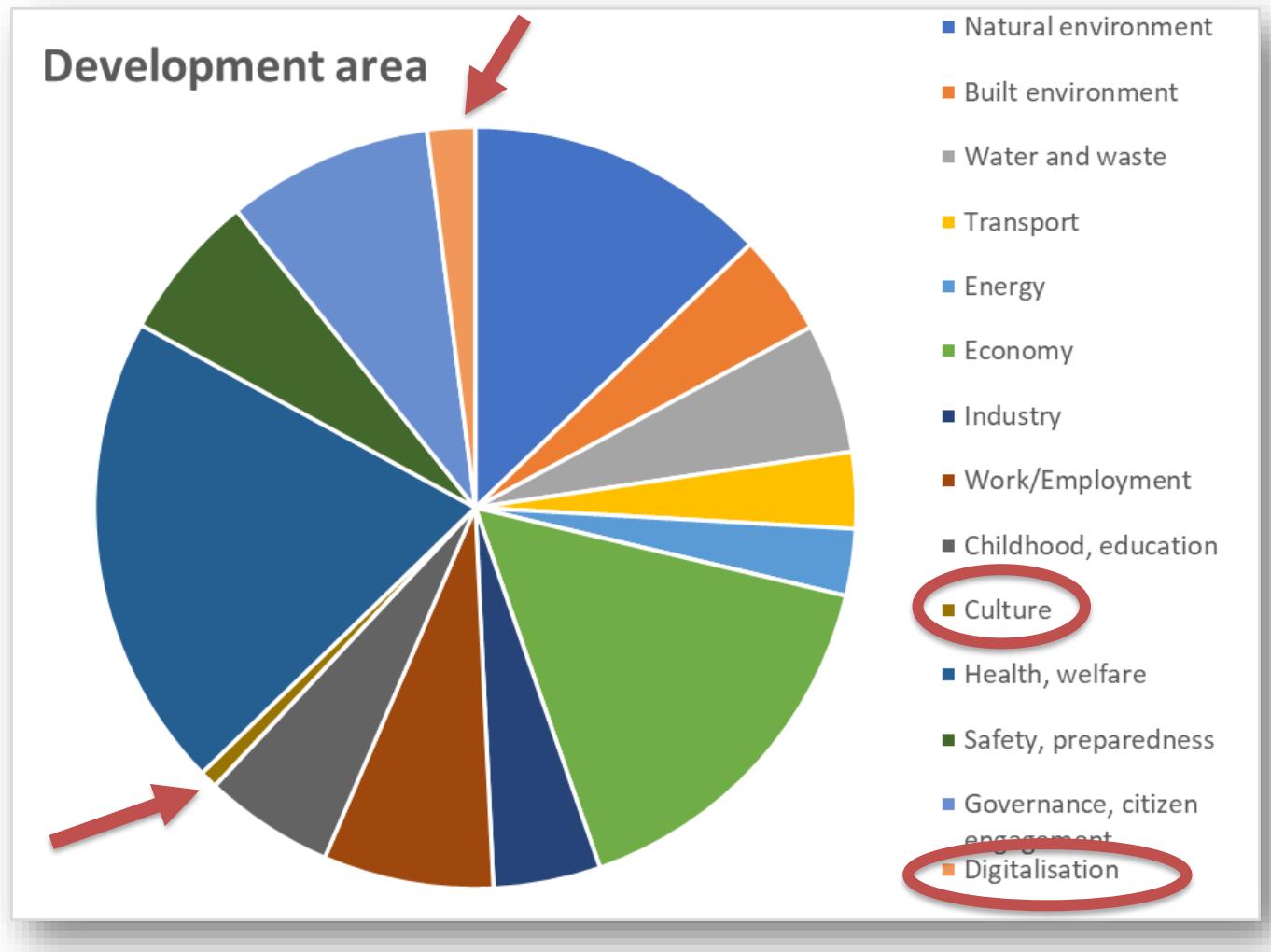
### Evaluation

- Input
- Process/Activity
- Output
- Outcome
- Impact

Less than  
we hoped



## BUT – some findings DO stand out as interesting

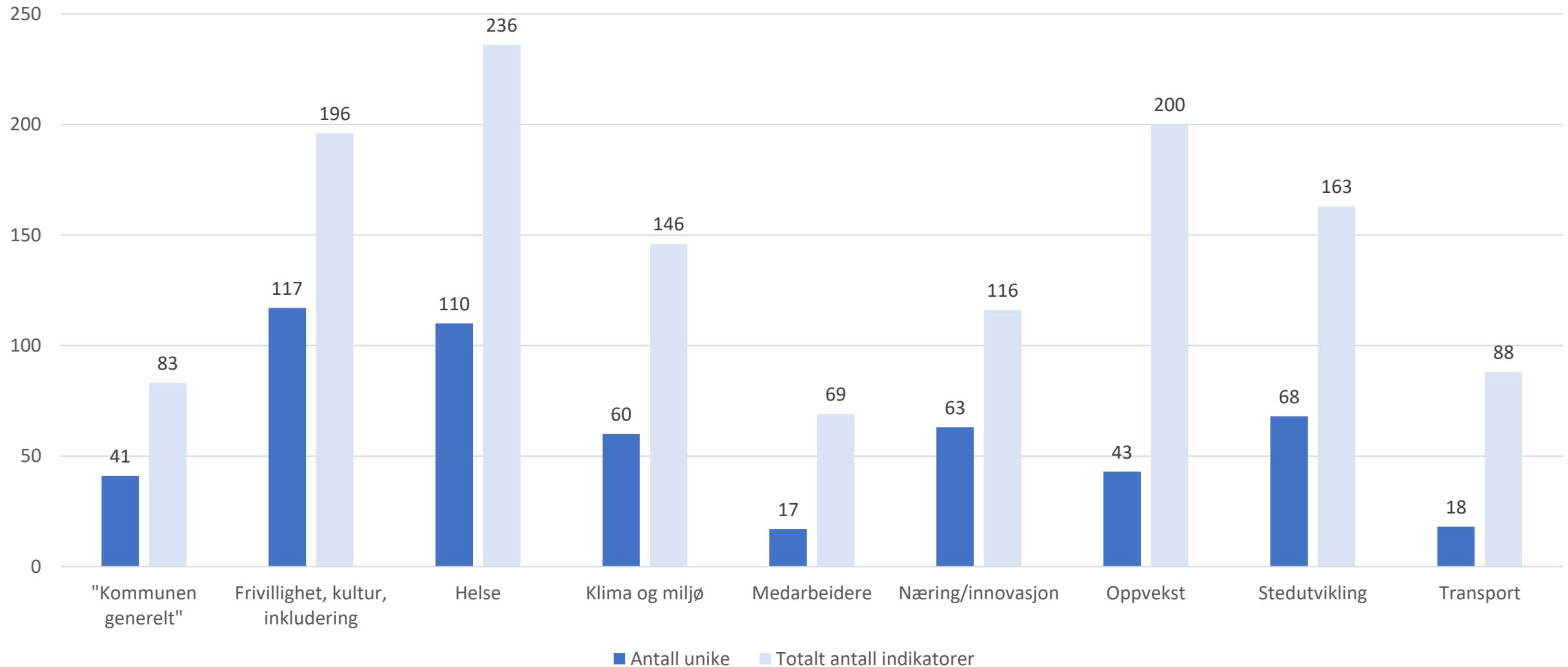


- Indicators in some development sectors are «underrepresented»
- Development sectors will be *similar*, but have differences between countries

Stage 2: Collect and classify  
existing indicators used in the  
municipal sector



# Gathering indicators that are in use – 537 of 1297 are unique



## NOTA

# KLASSIFISERING AV INDIKATORSETT SOM MÅLER BÆREKRAFT PÅ KOMMUNALT NIVÅ



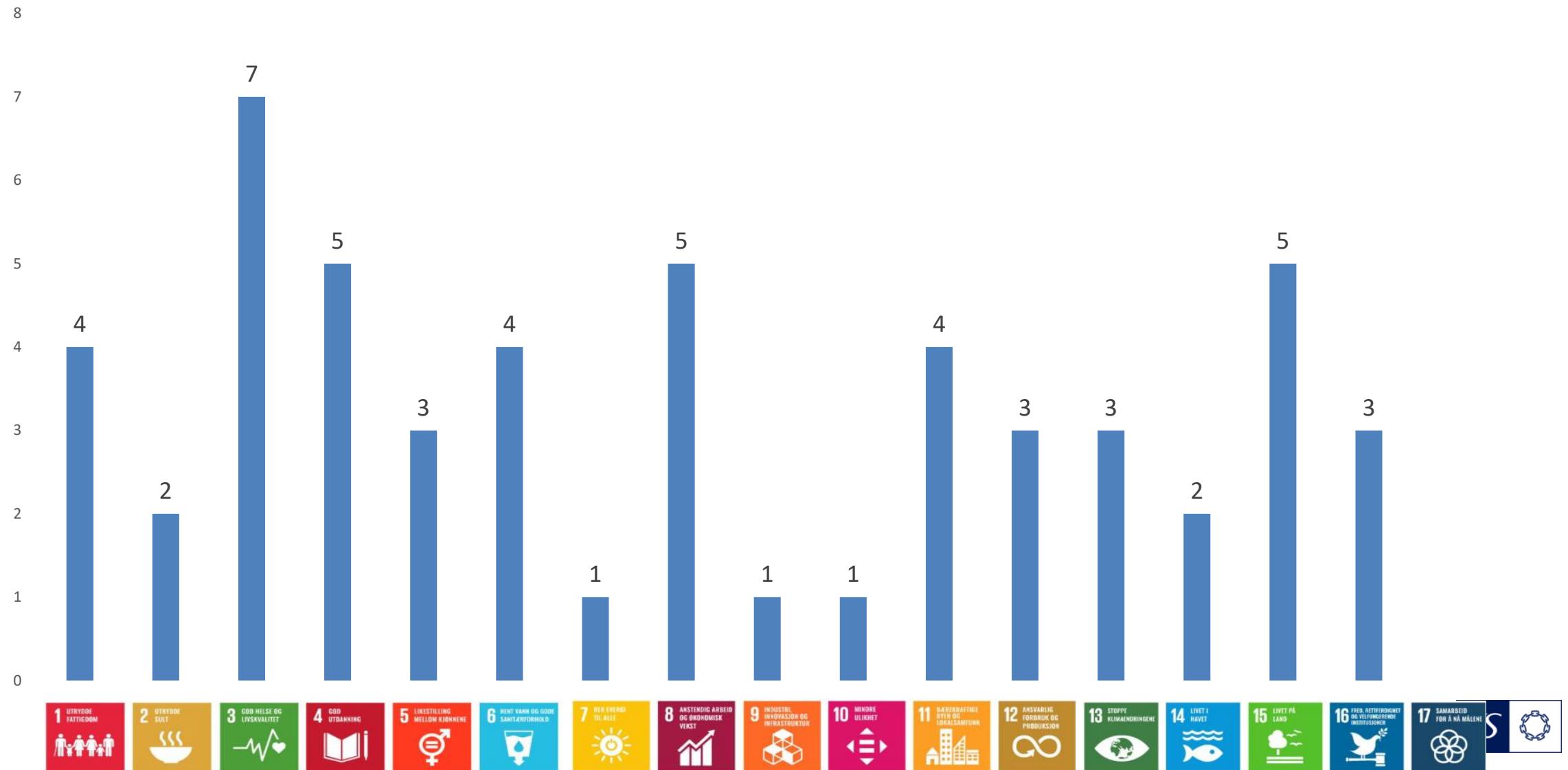
MENON-PUBLIKASJON NR. 143/2024

Av Simen Pedersen og Christoffer Thalberg Hamnes

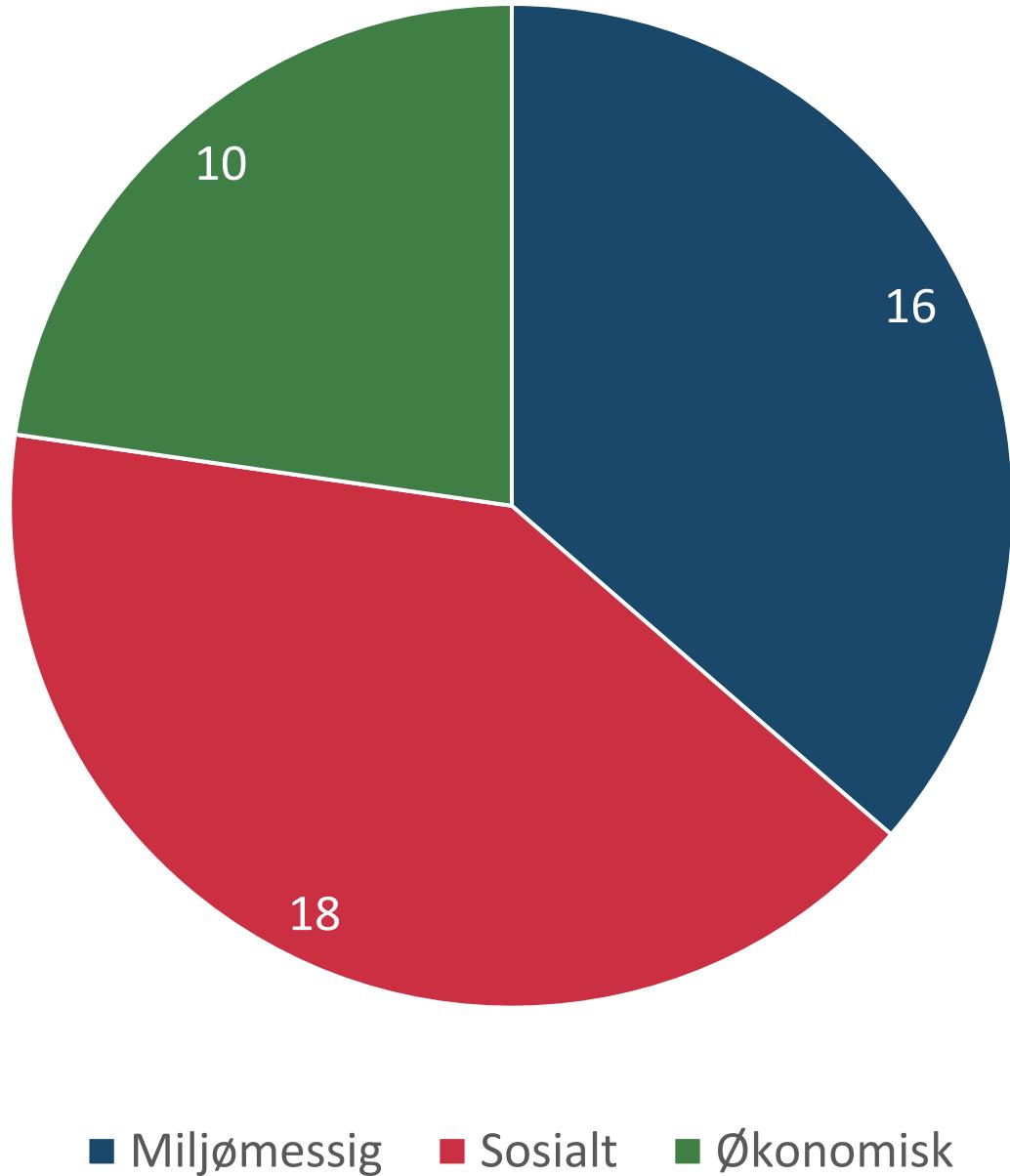
# Sustainability Network continued the work – narrowed it down to a set of 42 indicators



# Indicators per SDG



## Indicators distributed across triple bottom line





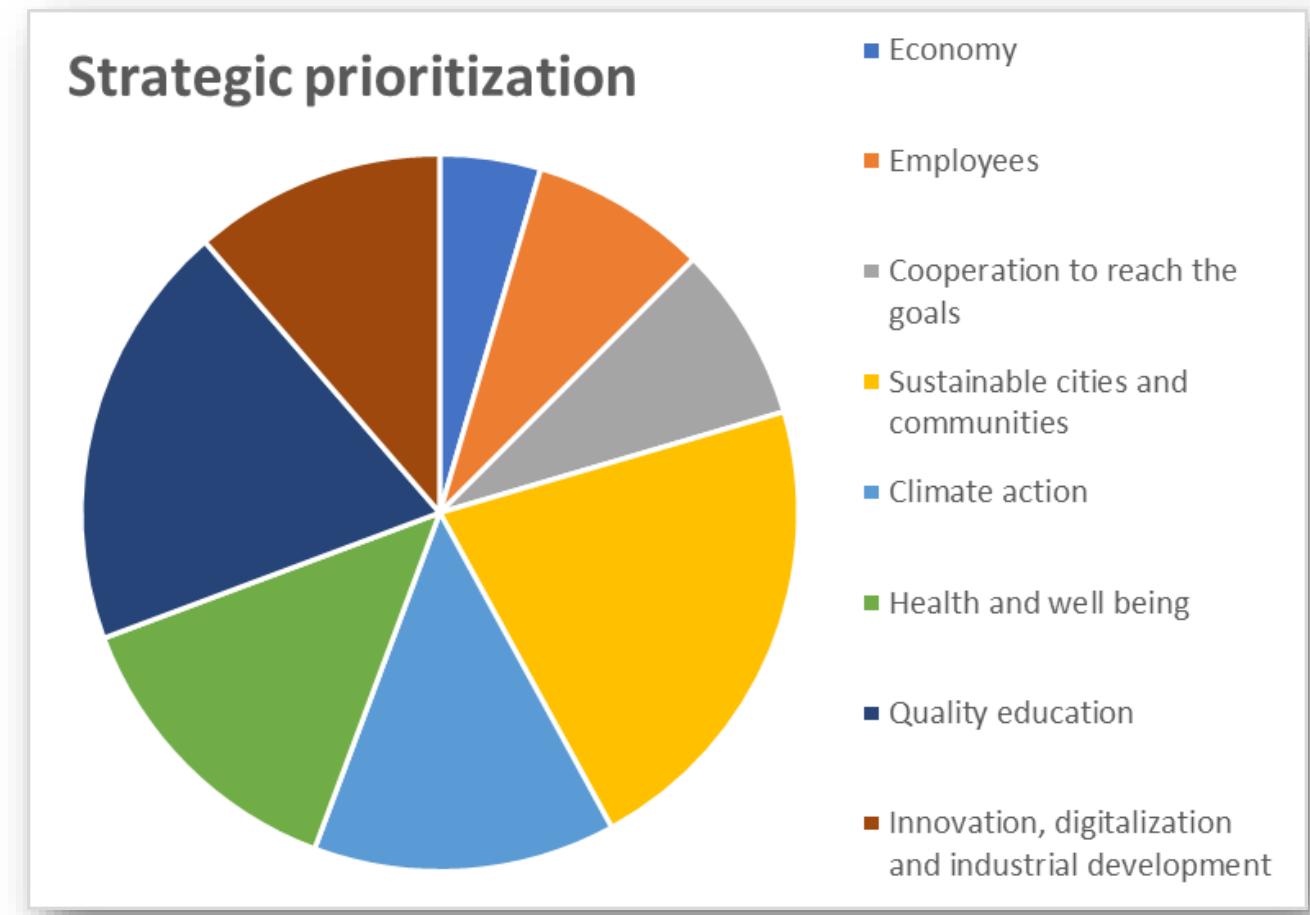
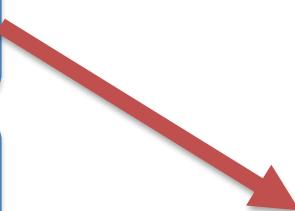
Let's get more local...



# Asker municipality – strategical choice of governance indicators

**298** candidates for indicators

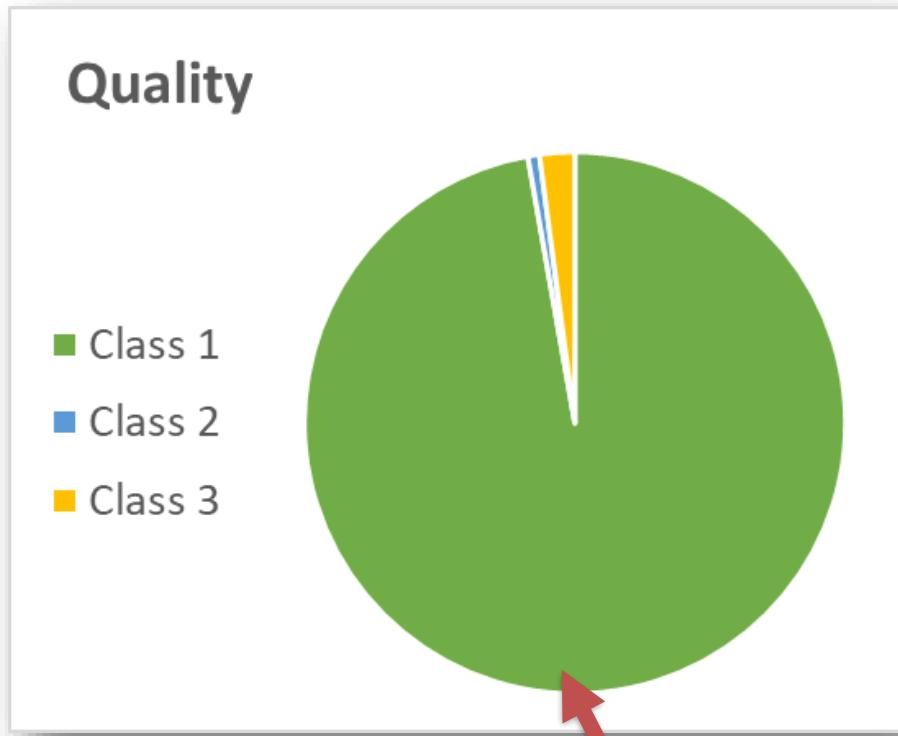
**88** elected indicators  
**180** discarded indicators  
**22** potential indicators  
**8** Indicators no longer in use



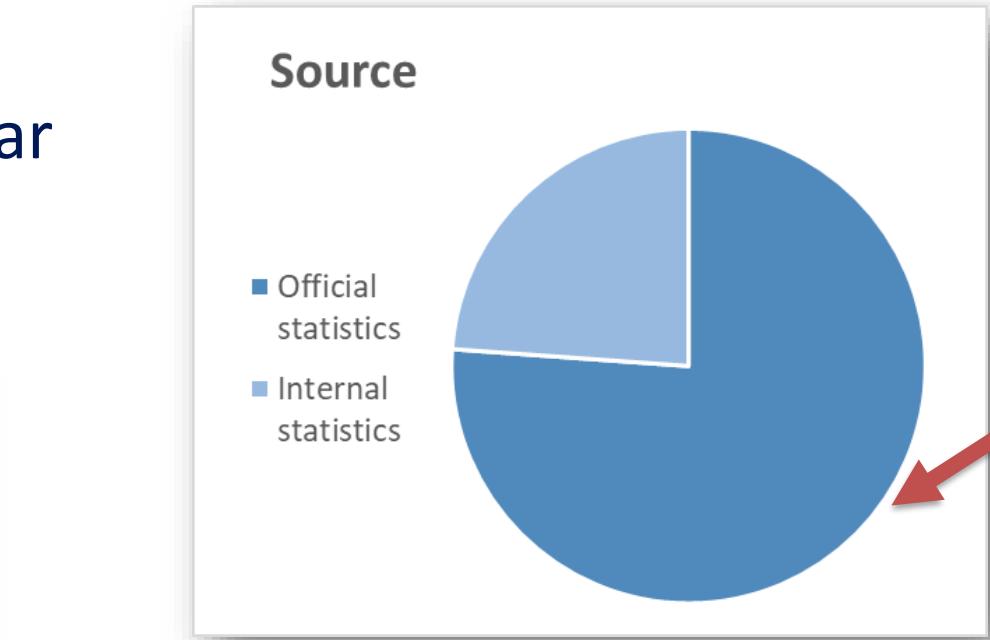
Questions? Contact

- [Eline.Tonnesson.Tveter@asker.kommune.no](mailto:Eline.Tonnesson.Tveter@asker.kommune.no)
- [Ingvild.Hjordahl.Becke@asker.kommune.no](mailto:Ingvild.Hjordahl.Becke@asker.kommune.no)

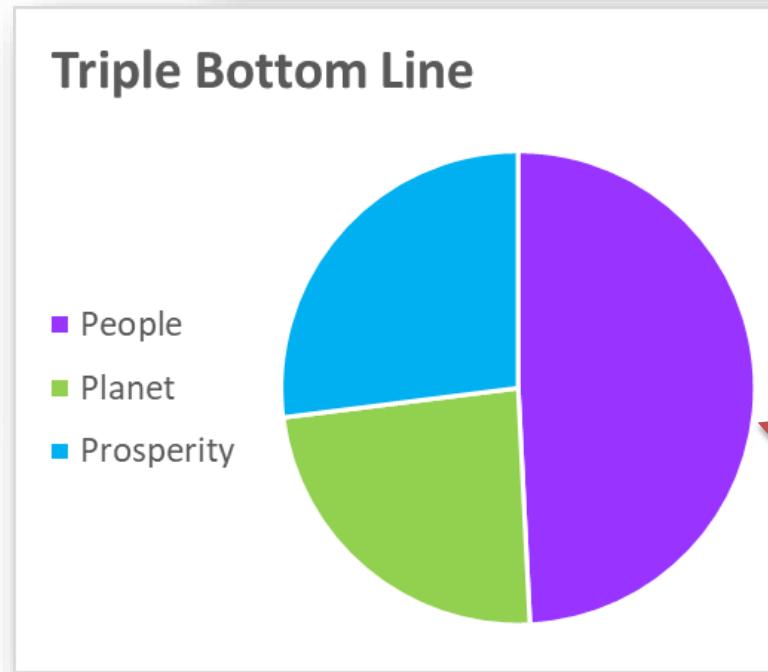
# Asker municipality - Some similar findings



Mostly class 1



Mostly official statistics



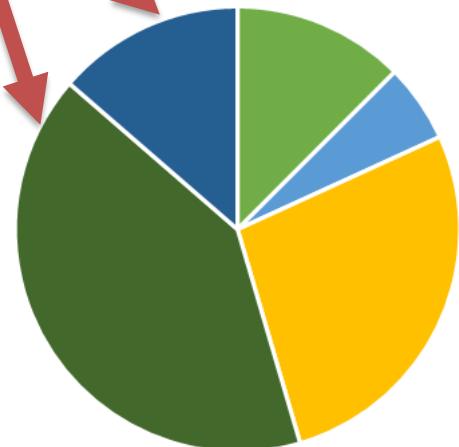
More than we thought

# Asker municipality - Qualified choices

Actively looking for effect indicators – more than 50% !

## Evaluation

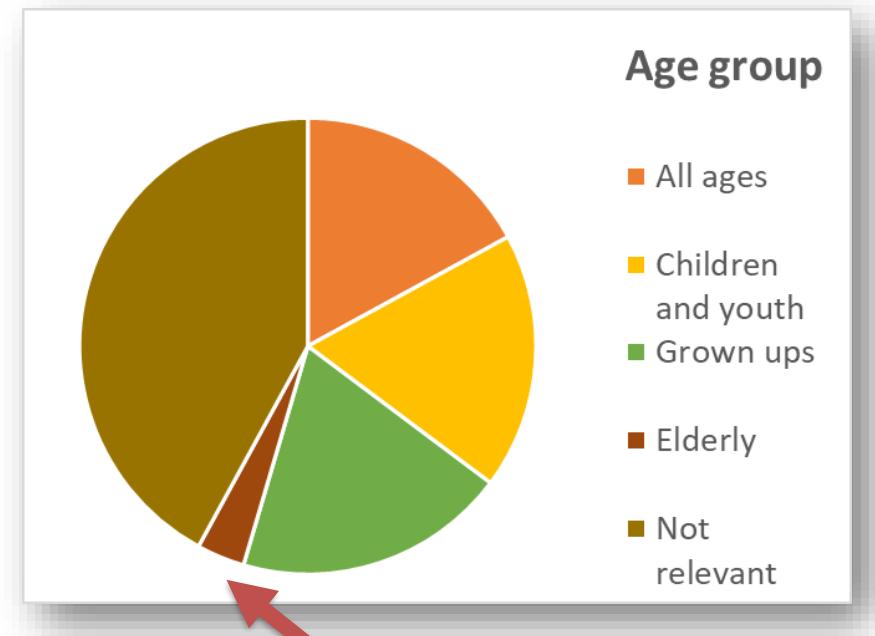
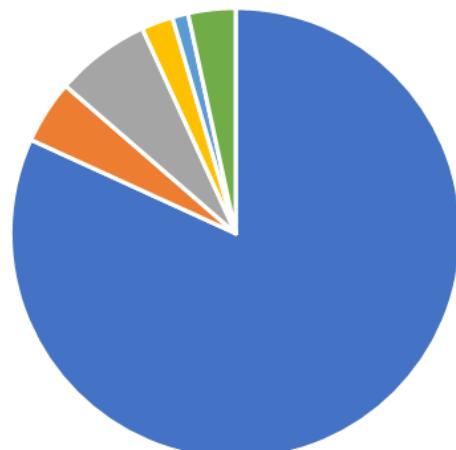
- Input
- Process/Activity
- Output
- Outcome
- Impact



Focus on update frequency for different kinds of reporting according to planning system

## Update frequency

- Annually
- Every 2 years
- Every 3 years
- Every 4 years
- Sporadic
- Unknown



## Age group

- All ages
- Children and youth
- Grown ups
- Elderly
- Not relevant

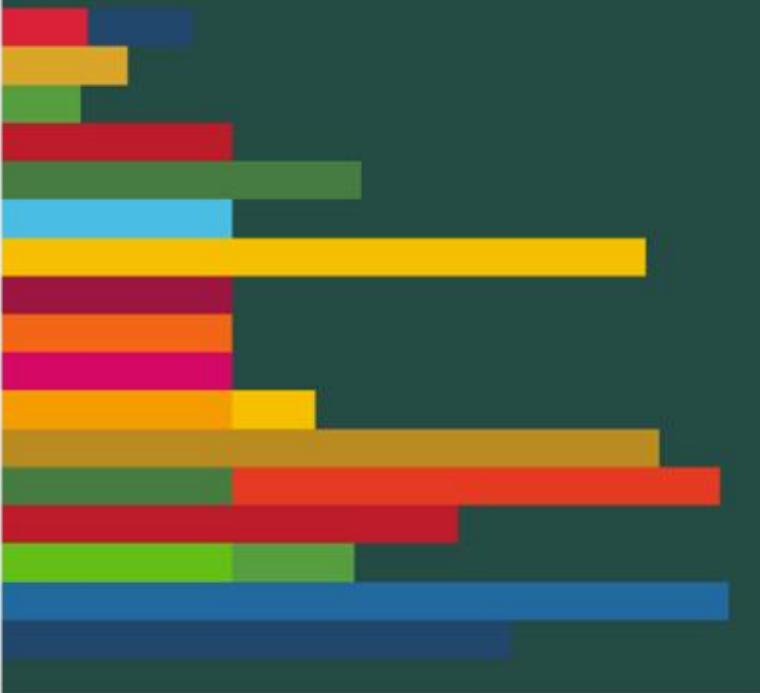
Finding gaps – need to look for more/better indicators on the area of the elderly

# Spin-offs and cooperation



BÆREKRAFTSFYLKET ROGALAND

# Stavanger



## Er vi egentlig bærekraftige i Rogaland?

En sterk velferdsstat bidrar til at Rogaland, sammen med resten av Norge gjør det bra på mange av FNs bærekraftsmål. Likevel har vi store utfordringer og utvikler oss i feil retning når det kommer til flere mål.



<https://www.rogalanditall.no/barekraft/>

## Bærekraftsprofil

Nedenfor vises nøkkelindikatorer for hvert bærekraftsmål i Stavanger, Rogaland og Norge.

Klikk på [Rogaland i Tall](#) for å lese mer om mål og indikator, og sammenligne din kommune med de andre kommunene i fylket.

### MM 1: Utrydde fattigdom

Nøkkelindikator	Stavanger 2015-2017	Stavanger 2020-2022	Rogaland 2020-2022	Norge 2020-2022
Andel lavinntekt alle aldre	8,50 %	9,00 %	8,00 %	9,50 %
Andel lavinntekt barn	8,80 %	9,50 %	8,80 %	10,60 %

### MM 2: Utrydde sult

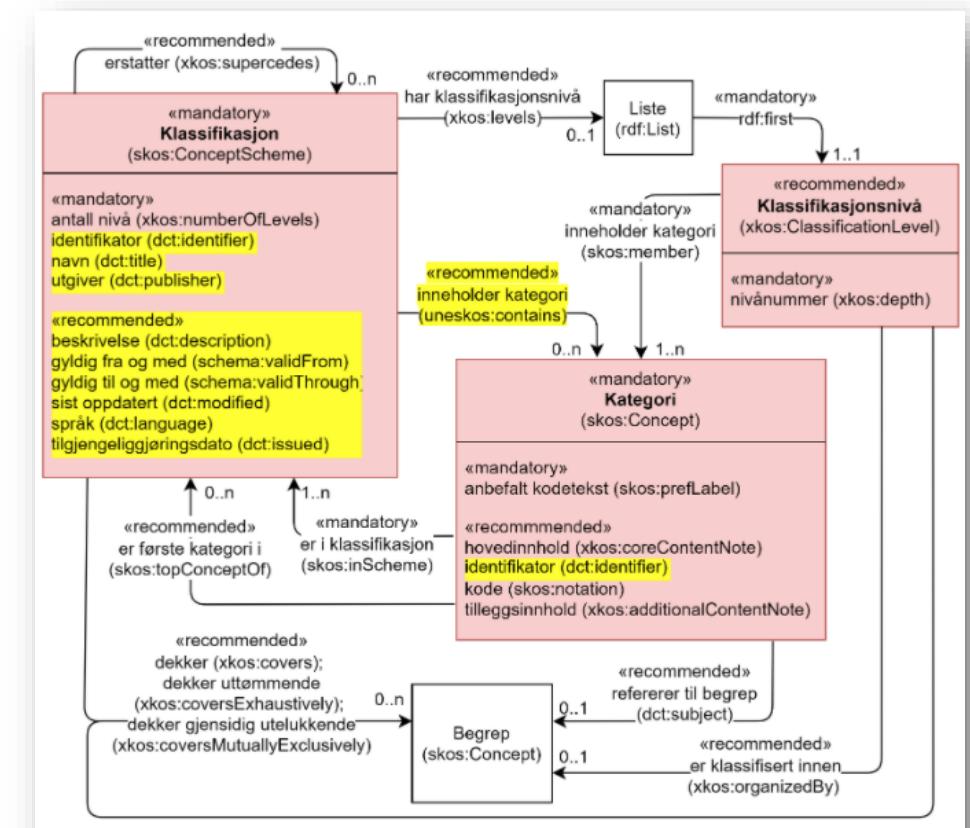
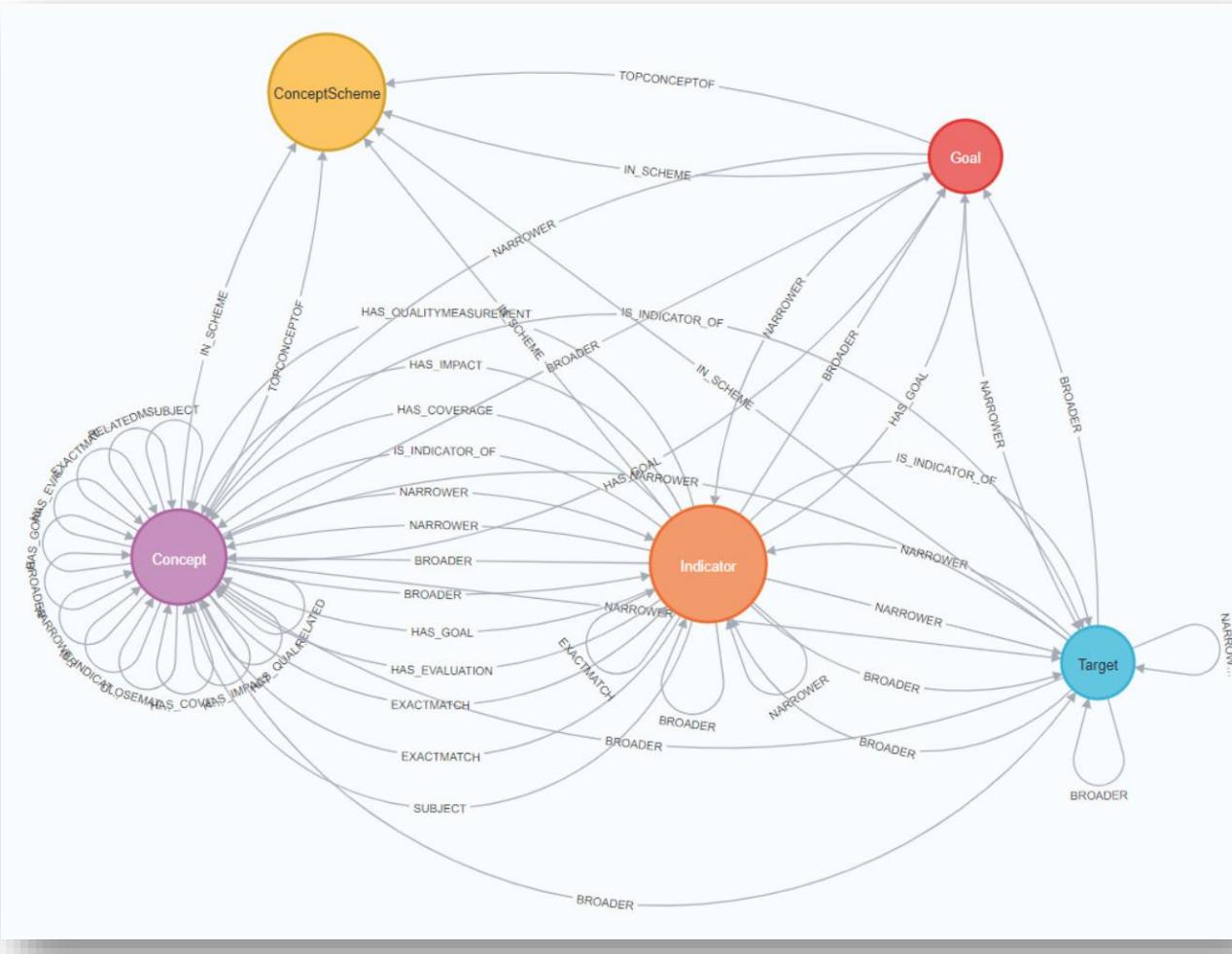
Nøkkelindikator	Stavanger 2015-2018	Stavanger 2020-2023	Rogaland 2020-2023	Norge 2020-2023
Fellessnøring	17,51 %	18,40 %	20,37 %	22 %
Dyrka og dyrkbar jord områdesponert til andre formål enn landbruk (dekar)	0	31	495	6 496

### MM 3: God helse og livskvalitet

Nøkkelindikator	Stavanger 2004-2015	Stavanger 2014-2023	Rogaland 2014-2023	Norge 2014-2013
Tidlig død (0-74 år; per 100 000)	309	251	251	260
Eldre influensavaksinerte	21 %	73 %	69 %	64 %
Muskel- og skjelettsyklager (per 1000)	306	504	321	313
Psykiske helseår (per 1000)	74	85	80	81

Stavanger 6

# «XML-ifying» the taxonomy (making it machine-readable)



# Using AI to gain insights across indicator sets that are classified according to the taxonomy

## what are material indicators for well-being?

"Material indicators for well-being" measure the tangible and economic aspects of people's living conditions — the material foundation that enables quality of life. These indicators often overlap with SDG (Sustainable Development Goals) targets related to **income, housing, consumption, and access to services**.

Based on the sources you uploaded (OECD, EU JRC, U4SSC, and De norske målepunktene), the following are key **material well-being indicators**:

### NO De norske målepunktene (Norwegian indicators)

Relevant indicators for **materiell velvære** include:

- **Medianinntekt per husholdning** – måler inntektsnivå og ulikhet.  
💡 Kilde: *De norske målepunktene.ttl*, indikator koblet til SDG 10 (redusere ulikhet).
- **Andel personer med lavinntekt** – viser økonomisk sårbarhet.
- **Boligkvalitet** – andel husholdninger med trangboddhet eller utilstrekkelige boforhold.
- **Tilgang til grunnleggende tjenester** (vann, energi,  internett).

### OECD – A Territorial Approach to the SDGs

The OECD defines *material well-being* primarily through **income, jobs, and housing**:

- Household disposable income per capita
- Employment rate / Unemployment rate
- Housing affordability (share of income spent on housing)
- Access to broadband and transport infrastructure

💡 OECD reference: [OECD Regional Well-being Indicators](#) ↗

### EU EU JRC VLR Handbook Indicators (2020 & 2022)

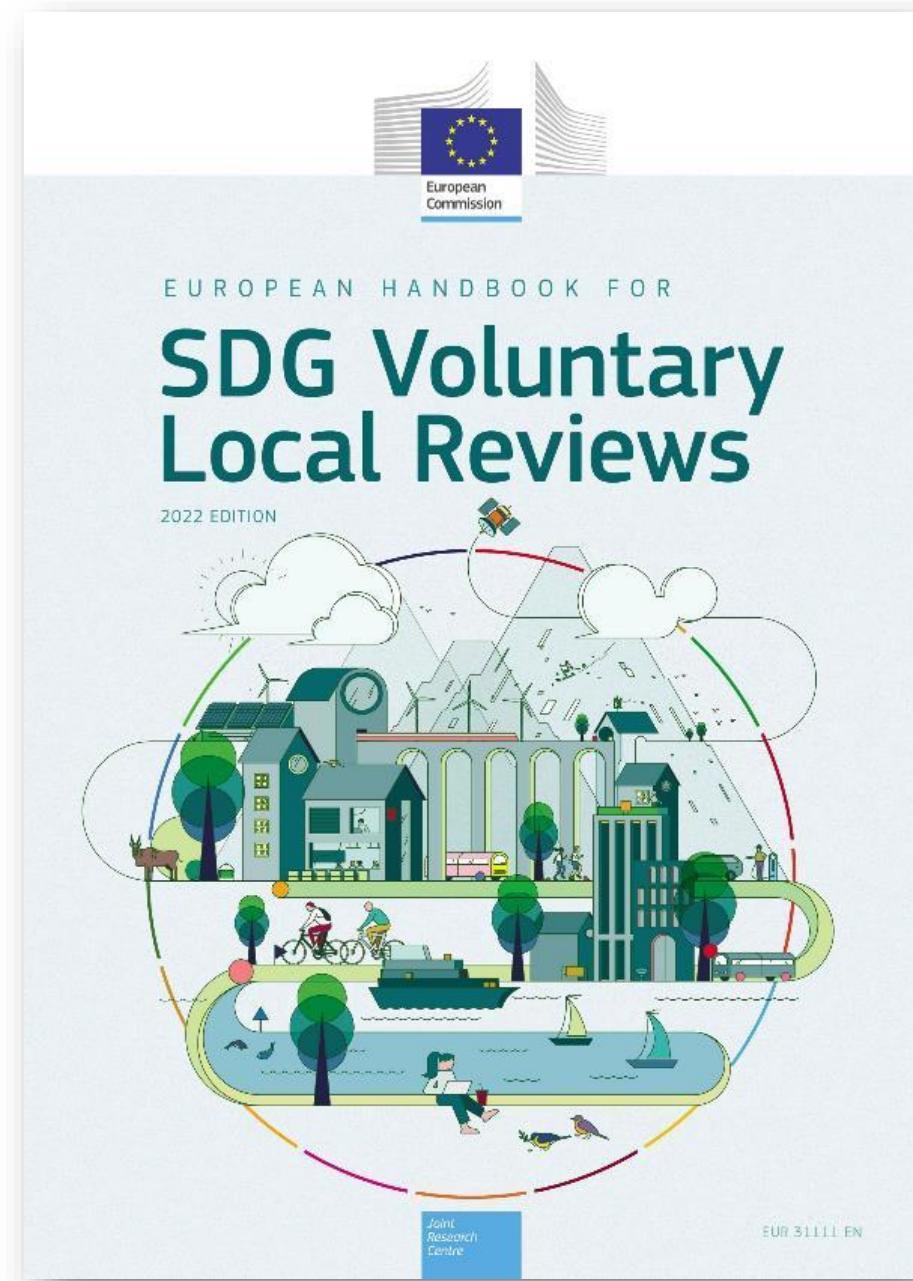
EU's local sustainability framework connects *material well-being* to SDGs 1, 8, 10, and 11:

- **GDP per capita (PPS)**
- **At-risk-of-poverty rate**
- **Housing cost overburden rate**
- **Material deprivation rate**
- **Access to essential services** (health, education, mobility, internet).

💡 EU JRC 2022 indicator descriptions: [JRC VLR Indicators Handbook 2022](#) ↗

# Cooperation with EU JRC

- Written a chapter about the taxonomy in the 2022-edition of the «European Handbook for SDG Voluntary Local Reviews» by the EU JRC.





UNSC55 Side-event

## USING THE TAXONOMY FOR INDICATORS RELATED TO THE SUSTAINABLE DEVELOPMENT GOALS

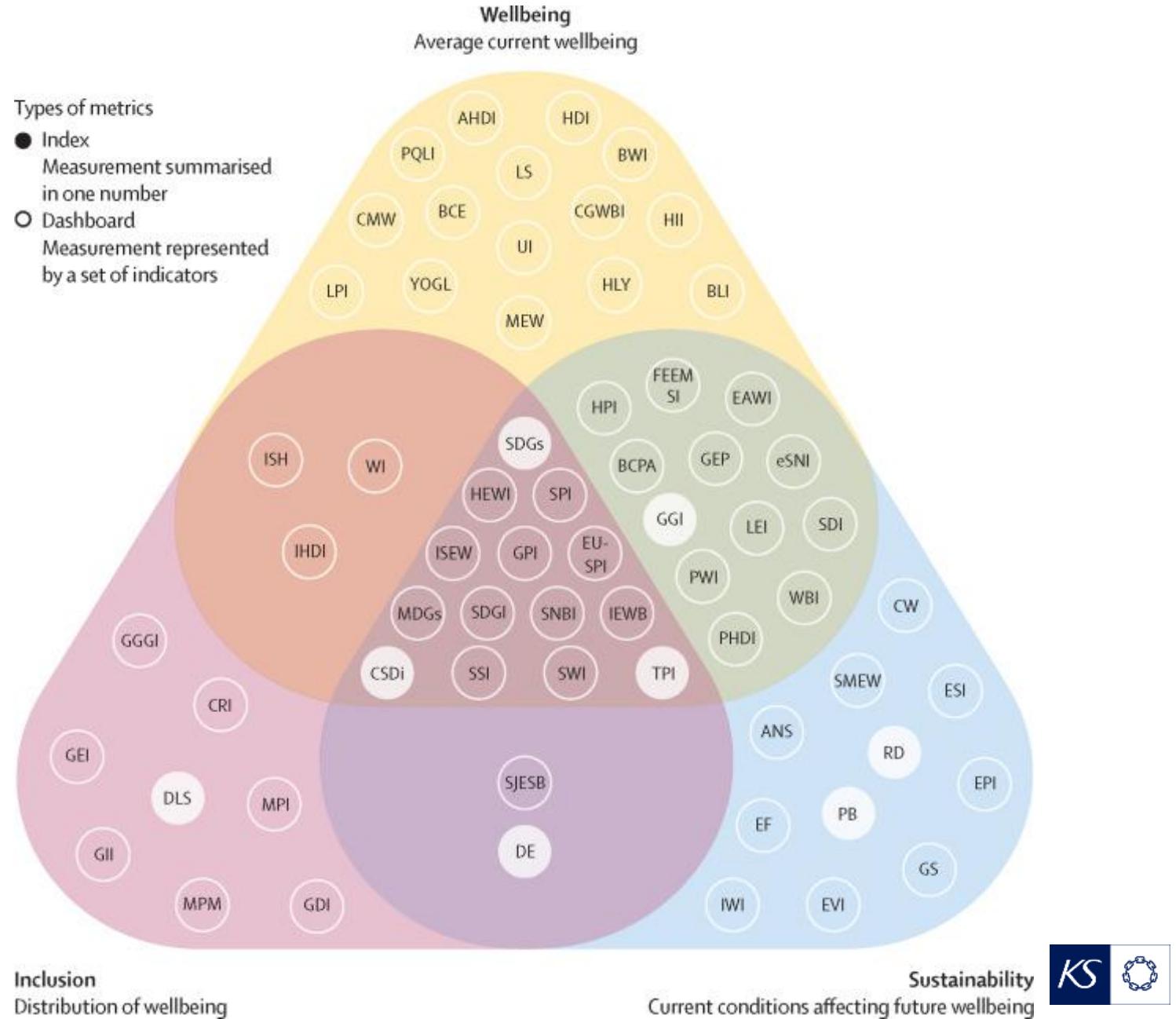
6 February 2024

9:00 am – 10:30 am EST/Virtual

For more information and to register, please go to  
[https://unstats.un.org/unsd/statcom/55th-session/side-events/SDGTaxonomy\\_Webinar.pdf](https://unstats.un.org/unsd/statcom/55th-session/side-events/SDGTaxonomy_Webinar.pdf)  
or scan the QR code



# Beyond GDP – what if these also were churned through the taxonomy?



Thank you for your attention!

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