

Conference of European Statisticians

# Road Map on Statistics for Sustainable Development

2<sup>nd</sup> edition

Sara Frankl

UNECE Steering Group on SDG Statistics

IAOS Conference, Krakow 26-28 April 2022

IPS57: Enhancing multi-stakeholder cooperation as a means to boost SDGs progress measurement





# In the beginning...

- **Declaration** on the **role of national statistical offices** in measuring and monitoring SDGs 2015
- Launch work on **Road Map on statistics** for SDGs in 2016
- Established **Steering Group** on statistics for Sustainable Development Goals 2016



**THE GLOBAL GOALS**  
For Sustainable Development

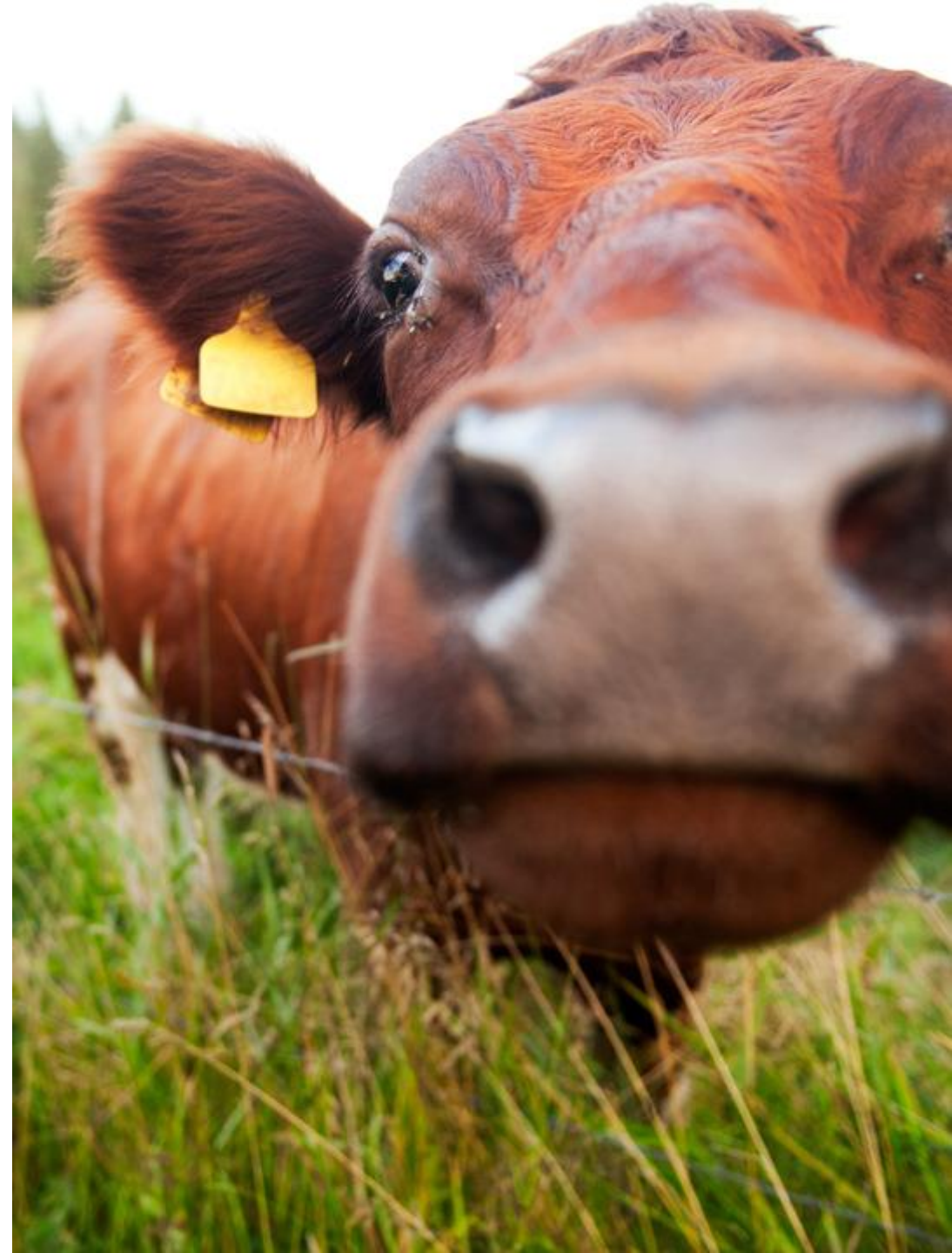


# Why a road map?

- The 2030 Agenda a new kind of animal
- Countless challenges
- Break down to chewable bits
- Learn from each other



**THE GLOBAL GOALS**  
For Sustainable Development



# Why a new edition?

- We have learned from experience
- We understand better the challenges
- We have identified new challenges



**THE GLOBAL GOALS**  
For Sustainable Development



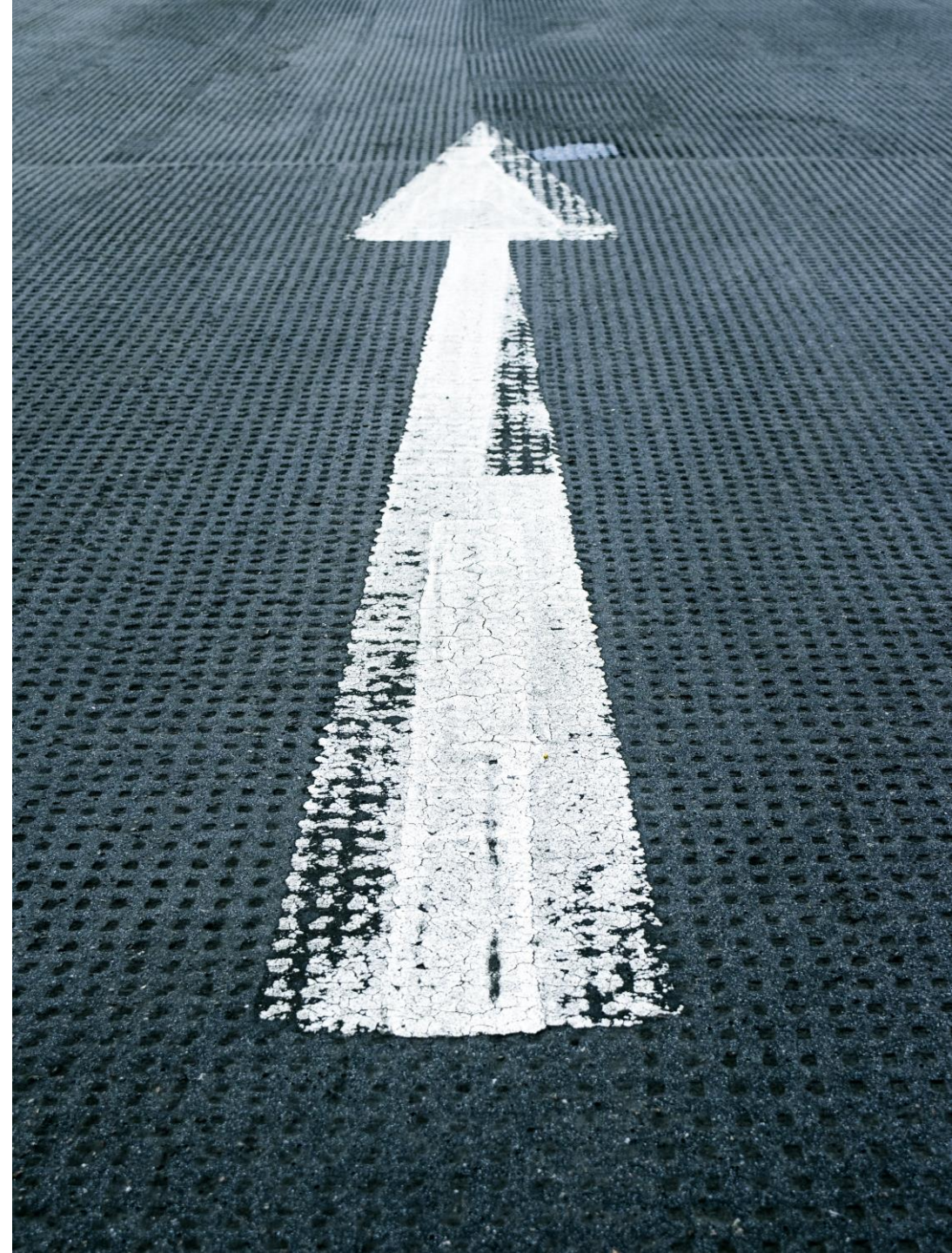


# What *IS* the RM 2.0?

- *Primarily* a tool for NSOs on how to manage SDG follow up
- Reference tool for other actors involved in producing SDG statistics



**THE GLOBAL GOALS**  
For Sustainable Development



# New features

- Key messages
- FAQ
- Glossery



**THE GLOBAL GOALS**  
For Sustainable Development

## CONTENTS

Acknowledgements . . . . .	iii
Acronyms / Abbreviations . . . . .	vi
Key messages . . . . .	viii
Executive summary . . . . .	x
Introduction . . . . .	1
<b>1. USE OF STATISTICS FOR THE SDGs . . . . .</b>	<b>3</b>
1.1. Statistics in the context of the SDGs . . . . .	3
1.2. How are SDG statistics used? . . . . .	5
1.3. Summary of uses of different kinds of statistics and data in the context of the 2030 Agenda . . . . .	12
<b>2. QUALITY ASSURANCE OF SDG INDICATORS . . . . .</b>	<b>15</b>
2.1. Why quality assurance of SDG indicators requires more attention . . . . .	15
2.2. Quality assurance challenges . . . . .	17
2.3. Metadata . . . . .	18
2.4. Recommendations for NSOs . . . . .	20
<b>3. NATIONAL COORDINATION MECHANISMS . . . . .</b>	<b>21</b>
3.1. Role of the NSO . . . . .	21
3.2. Factors that may influence the coordination role of NSO . . . . .	21
3.3. Coordination and collaboration of data producers . . . . .	22
3.4. Recommendations for NSOs . . . . .	24
<b>4. REPORTING GLOBAL SDG INDICATORS . . . . .</b>	<b>25</b>
4.1. Global data-flows framework . . . . .	25
4.2. Identifying national data providers . . . . .	32
4.3. Automation of data flows . . . . .	33
4.4. Validation . . . . .	39
4.5. Recommendations for NSOs . . . . .	45
<b>5. TRACKING PROGRESS AT VARIOUS LEVELS . . . . .</b>	<b>47</b>
5.1. Measuring progress in regions . . . . .	47
5.2. Measuring thematic progress at global level . . . . .	51
5.3. Tracking the SDGs at national level . . . . .	53
5.4. Recommendations for NSOs . . . . .	57
<b>6. LEAVE NO ONE BEHIND . . . . .</b>	<b>59</b>
6.1. Target population groups . . . . .	59
6.2. Data for LNOB . . . . .	60
6.3. Data challenges for LNOB . . . . .	64
6.4. Recommendations for NSOs . . . . .	68

<b>7. COMMUNICATION OF STATISTICS FOR THE SDGs . . . . .</b>	<b>69</b>
7.1. Internal communication . . . . .	69
7.2. Communication with various users . . . . .	70
7.3. Non-official SDG progress assessments . . . . .	74
7.4. How do different countries communicate? . . . . .	75
7.5. Recommendations for NSOs . . . . .	78
<b>8. VOLUNTARY NATIONAL REVIEWS . . . . .</b>	<b>79</b>
8.1. UN guidelines and handbook on VNRs . . . . .	79
8.2. Statistical annexes: best practices . . . . .	80
8.3. Recommendations for NSOs . . . . .	83
<b>9. CAPACITY DEVELOPMENT FOR SDG STATISTICS . . . . .</b>	<b>85</b>
9.1. Developing official statistics for the SDGs – rationale and scope . . . . .	85
9.2. Main sources of donor support in statistics . . . . .	92
9.3. Methods and tools for capacity development . . . . .	94
9.4. Coordination of capacity development . . . . .	99
9.5. Recommendations for NSOs . . . . .	101
<b>Annex 1 – FREQUENTLY ASKED QUESTIONS . . . . .</b>	<b>103</b>
<b>Annex 2 – GLOSSARY . . . . .</b>	<b>115</b>

## LIST OF TABLES AND BOXES

Table 1.1 Examples of websites and reports with thematic content . . . . .	7
Table 1.2 Types of use of different kinds of data and statistics . . . . .	12
Table 4.1 An example of data concepts Total population, 1980-2015 (Thousands) . . . . .	37
Box 5.1 OECD example of SDG indicators selection . . . . .	49
Table 7.1 User profiles developed by Switzerland, the UK, and Eurostat . . . . .	72

## LIST OF FIGURES

Figure 3.1 Role of NSOs for the SDGs . . . . .	22
Figure 4.1 Custodian agencies responsible for SDG indicators . . . . .	30
Figure 4.2 A centralized model for reporting, including an NRP and quality assurance mechanism . . . . .	31
Figure 4.3 A model of decentralized responsibilities for SDG indicator reporting . . . . .	31
Figure 4.4 Example of a potential data flow using APIs . . . . .	35
Figure 4.5 High-level overview of the conversion process . . . . .	38
Figure 4.6 Data validation process . . . . .	40
Figure 7.1 Users of official statistics and their data needs . . . . .	73
Figure 9.1 Ecosystems, the role of NSO and NSS . . . . .	88
Figure 9.2 Levels of Capacity Development . . . . .	89
Figure 9.3 The impact of COVID-19 on the data value chain (Source: PARIS21, 2020) . . . . .	90
Figure 9.4 Top donors 2016-2018 (Percentage) . . . . .	93



# “New” insights

- Use of statistics for SDG for different purposes
- Leave no one behind
- Quality assurance
- VNRs



**THE GLOBAL GOALS**  
For Sustainable Development

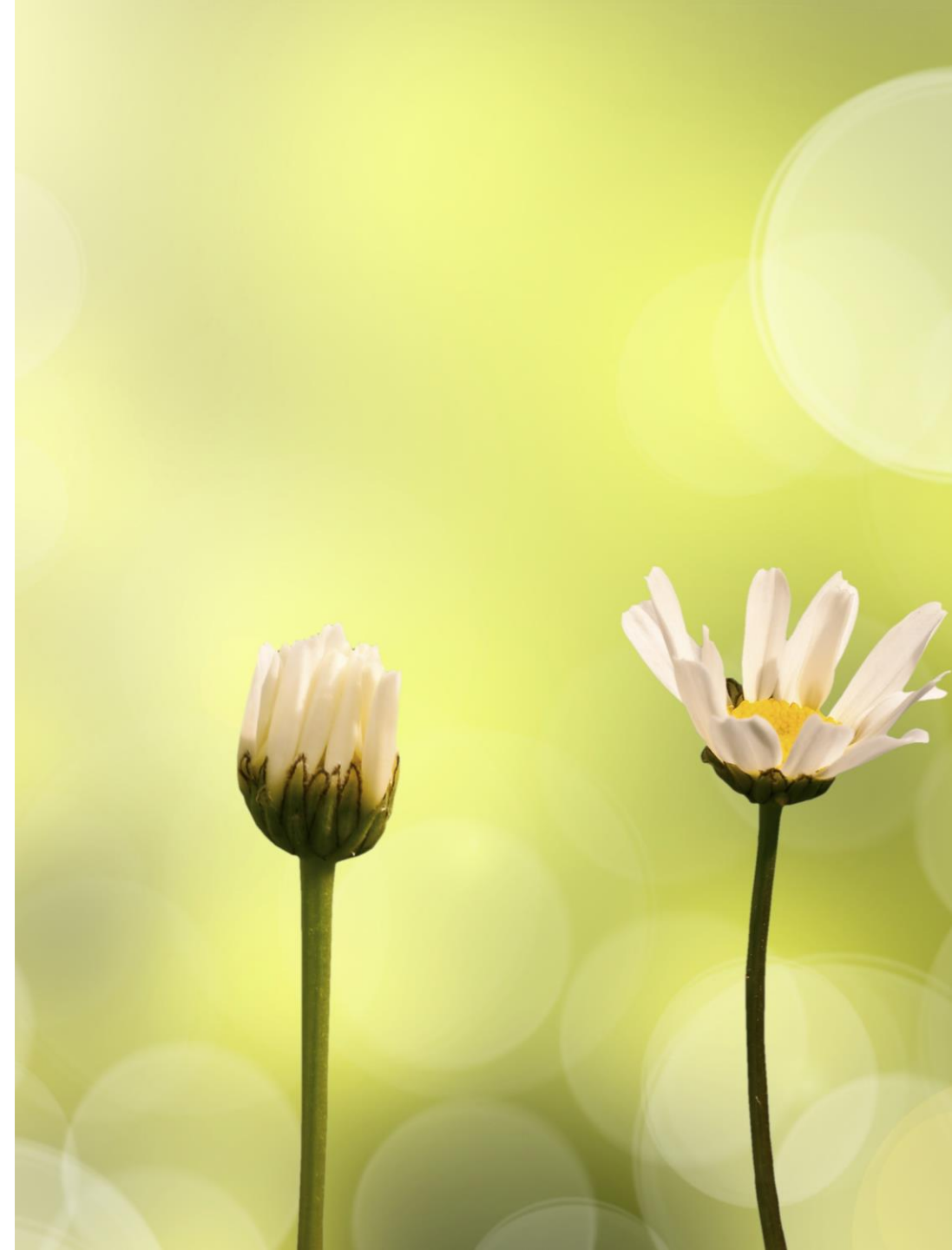


# Developed insights

- National coordination mechanisms
- Reporting global SDG indicators
- Tracking progress at various levels
- Communication of statistics for SDGs
- Capacity development



**THE GLOBAL GOALS**  
For Sustainable Development





# How can the RM 2.0 be used?

- Implementation guideline
- Reference book
- Support in communication



**THE GLOBAL GOALS**  
For Sustainable Development



# Implementing the RM

- Task teams
- Guidelines, recommendations...
- Expert meetings
- Ad Hoc webinars



**THE GLOBAL GOALS**  
For Sustainable Development





# Enhancing multi-stakeholder cooperation

- Support for NSOs
- Common language
- Common understanding
- Develop understanding *together*



**THE GLOBAL GOALS**  
For Sustainable Development

# Thank you

Sara Frankl

[sara.frankl@scb.se](mailto:sara.frankl@scb.se)

[Statistics for SDGs Home - UNECE Statswiki](#)



**THE GLOBAL GOALS**  
For Sustainable Development