Implementing the Statistical Geospatial Framework at Statistics Sweden

UN-GGIM EG-ISGI, Stockholm Nov 2017

Marie Haldorson

facebook.com/statistiskacentralbyranscb @SCB_nyheter statistiska_centralbyran_scb www.linkedin.com/company/scb

Background

- Long tradition
- Geospatial issues ”isolated” within Statistics Sweden
- Good collaboration with Lantmäteriet
- Making use of experiences from European GEOSTAT projects
- How to improve and increase the use of geospatial information within Statistics Sweden?
- How to improve our geospatial services to users?

National report as part of the GEOSTAT 3 Project

Statistiska centralbyrån
Statistics Sweden

GEOSTAT 3
National report (DRAFT)
2017-11-08

1 (23)

Marie Haldorson, Jerker Moström

Implementing the Statistical Geospatial Framework at Statistics Sweden

Content

Summary 3
Introduction 3
User needs 3
National Data Supporting SDGs 5
The Global Statistical Geospatial Framework 7
The GSGF applied at Statistics Sweden 9
Principle 1: Use of fundamental geospatial infrastructure and geocoding 9
Principle 2: Geocoded unit record data in a data management environment 9
Principle 3: Common geographies for dissemination of statistics 10
Principle 4: Statistical and Geospatial Interoperability – Data, Standards and Processes 11
Principle 5: Accessible and usable geospatially enabled statistics 12
Capability to integrate statistical and geospatial information 13
Information 14
People 15
Methods 16
Standards and Frameworks 16
Systems 17
Processes 18
Institutional arrangements 18
Actions to increase the capability to integrate statistical and geospatial information by 2020 19
Need to start new activities 20
Need for improvements 20
..... 21

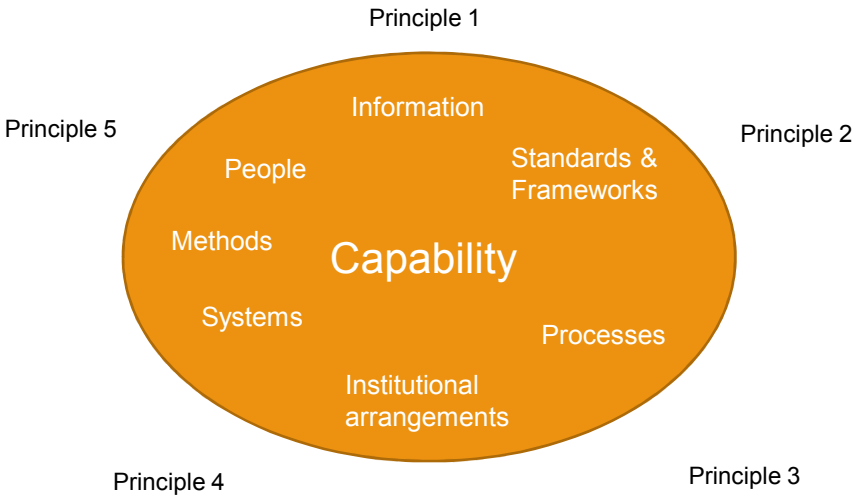
Implementation steps

1. Defining user needs – why increased integration is valuable
2. Assessing current capability for each principle
3. Reflecting on strengths and weaknesses from a national perspective (with key stakeholders)

Implementation steps

4. Setting goals for each principle
5. Identifying gaps
6. Making yearly action plans
7. Follow up

Capability assessment



Starting new activities

- Online guiding documents
- Open data
- Guidance to other producers of official stats
- Geospatial quality in registers
- Interactive map services
- Improved enterprise architechture

Discussion

facebook.com/statistiskacentralbyranscb @SCB_nyheter statistiska_centralbyran_scb www.linkedin.com/company/scb