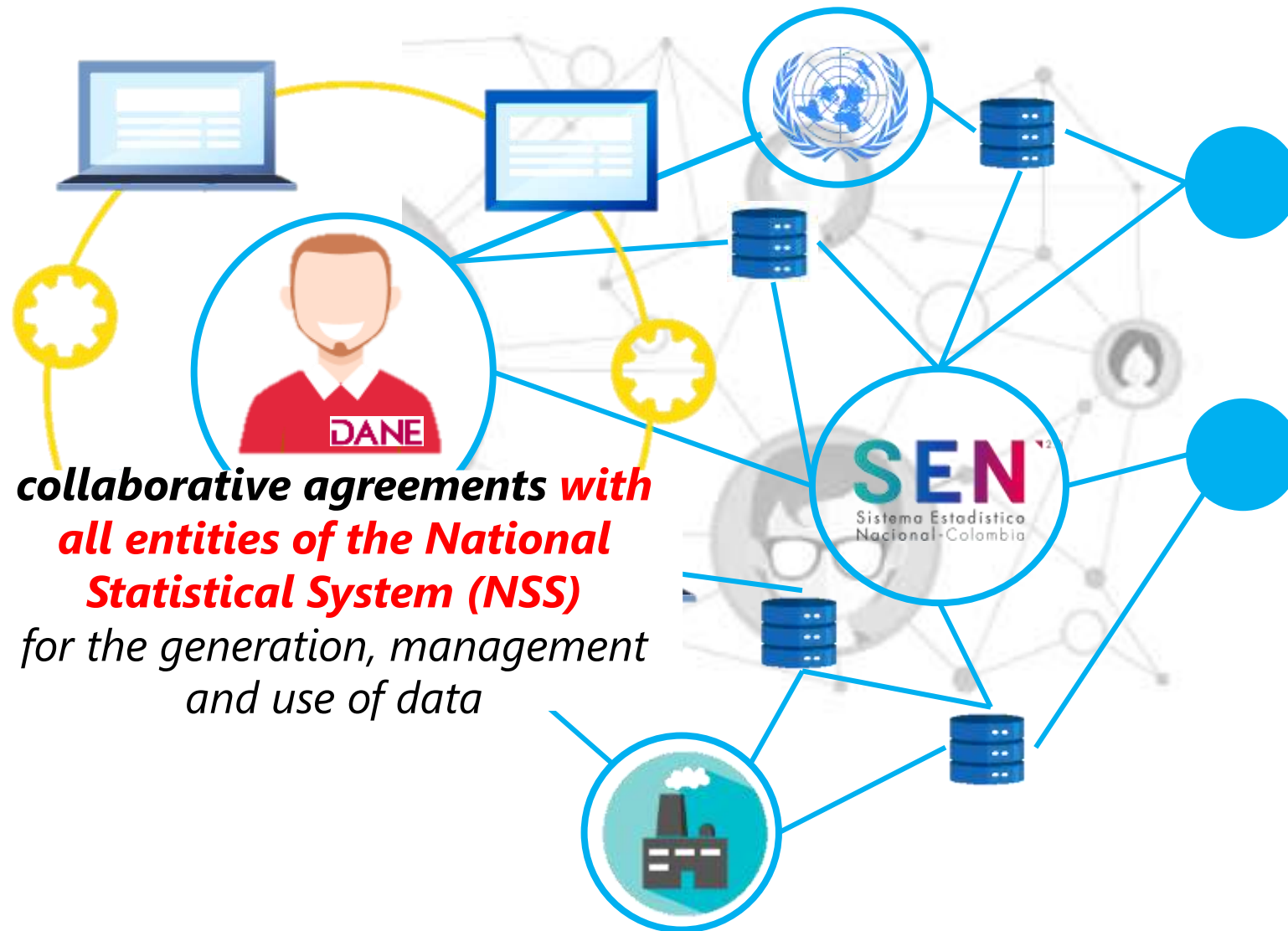# Data Stewardship

Approaches from Colombia

World Data Forum
March -2020

How does Colombia understand data stewardship?

*in a **safe and ethical** environment*

*Which contributes to **public policy** and responds to **structural and current** problems of Colombian society*

collaborative agreements *with all entities of the National Statistical System (NSS)* *for the generation, management and use of data*

How does DANE support the government in utilizing data?

✓ *COVID-19 (Health Minister)*
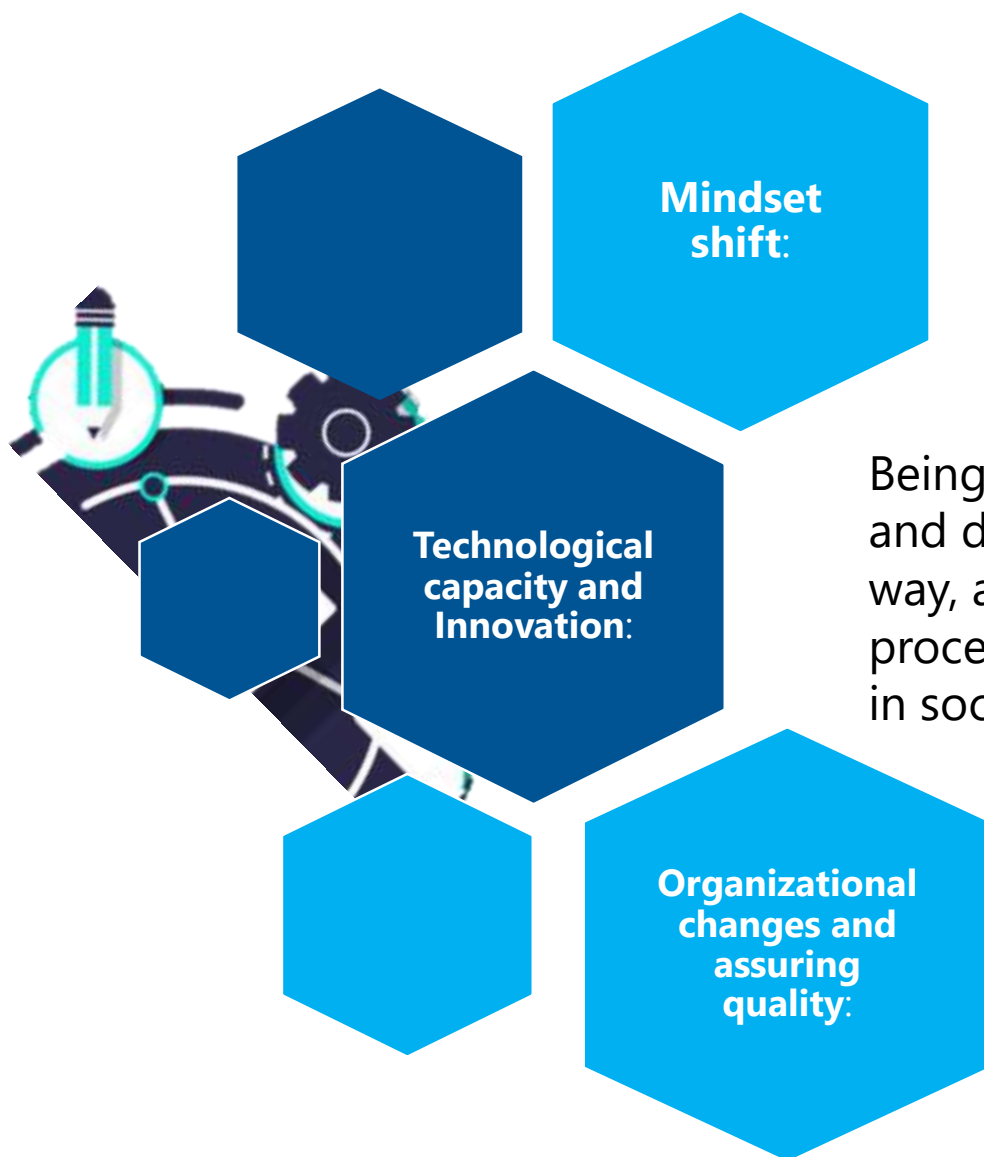✓ *Population Triage*
✓ *Gender approach*

2

Collaborative instances for the administration of the National Statistical System (NSS)

✓ *Data Administration Committee*
✓ *Technical Advisory Committee of the National Statistical System - CASEN*

1

Formal initiatives to exchange information and knowledge to address public problems

Data stewardship | Approaches in Colombia

What are the challenges faced by Data Stewardship?

Mindset shift:

Transforming the way data is *perceived*, seeing it not only as information but as a social arrangement to serve the common good

Technological capacity and Innovation:

Being able to have the *infrastructure* to receive, harmonize and dispose strategic information in a safe and efficient way, and to implement *new methodologies* in statistical processes, understanding the rapid technological change in societies.

Organizational changes and assuring quality:

To ensure that the functional units of the organization have processes and procedures that allow the *transfer of capabilities* among NSS members as well as the *quality assurance* in different data sources

Street block level COVID-19 risk assessment map

Assembling together information from:

Housing and Population Census (2018)

- *Population aged 65 years or over*
- *Multigenerational households*
- *Housing overcrowding status*

National Health System records:

- *Population with pre-existing chronic pathologies.*

Grupos por nivel de riesgo
(Método de agrupación: K-medias)

Riesgo alto
Riesgo medio
Riesgo medio-bajo
Riesgo bajo
Sin riesgo