

Cooperation During Crisis: A Cross-National View on National Statistical Organisations and Data Stewardship in Times of Crisis

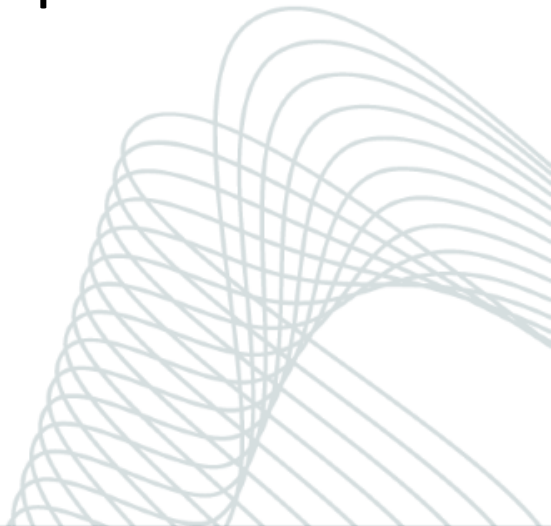
Florian Henning (Statistics Netherlands^a), Crystal Sowards (Statistics Canada^b),

Paul Grooten^a, Leanne Houben^a, Matjaz Jug^a, Courtney Cameron^b,
David McNamee^b, Dominic Parent^b



Overview of the paper

1. Key challenges setting the stage for NSOs' crisis response
2. Trust and social license: key to managing future crises
3. The unique position of NSOs for leadership on data stewardship
4. Necessary conditions for NSOs to lead on data stewardship
5. Planning and preparing for resiliency
6. Recommendations for the future



Setting the stage for NSOs' crisis response

Several **key challenges** facing NSOs today:

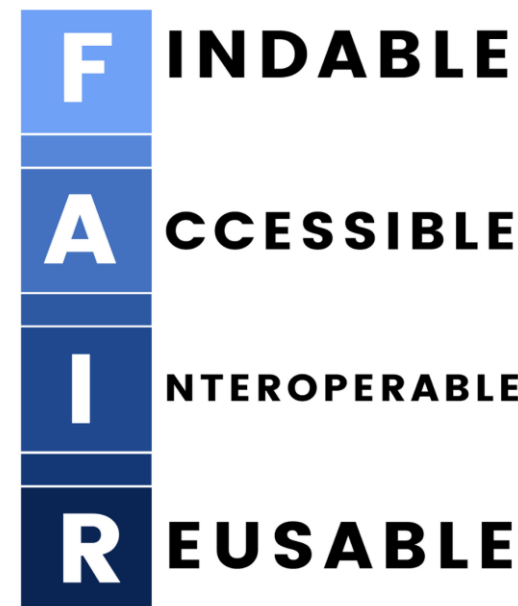
- The **urgent public need** for high quality and relevant statistics
- An **ever-evolving data landscape** that is rich, diverse and complex
- A **complicated data ecosystem** with high diversity and interdependency
- The crucial role of **trust and social license**
- The acknowledgement of the **changing roles of NSOs**

Trust and social license

Key areas for **establishing trust and social license** to fulfil NSOs' role in future crises:

- Enshrining **data protection, confidentiality** and **privacy**
- Leveraging the **FAIR** data principles
- Basing data governance on **defined quality standards** and “**fit-for-purpose**” design
- Guaranteeing that high quality statistics are **continuously available**
- Ensuring **transparent communication** about statistical products and their provenance

THE FAIR DATA PRINCIPLES



The unique position of NSOs



Pre-conditions for leading on data stewardship

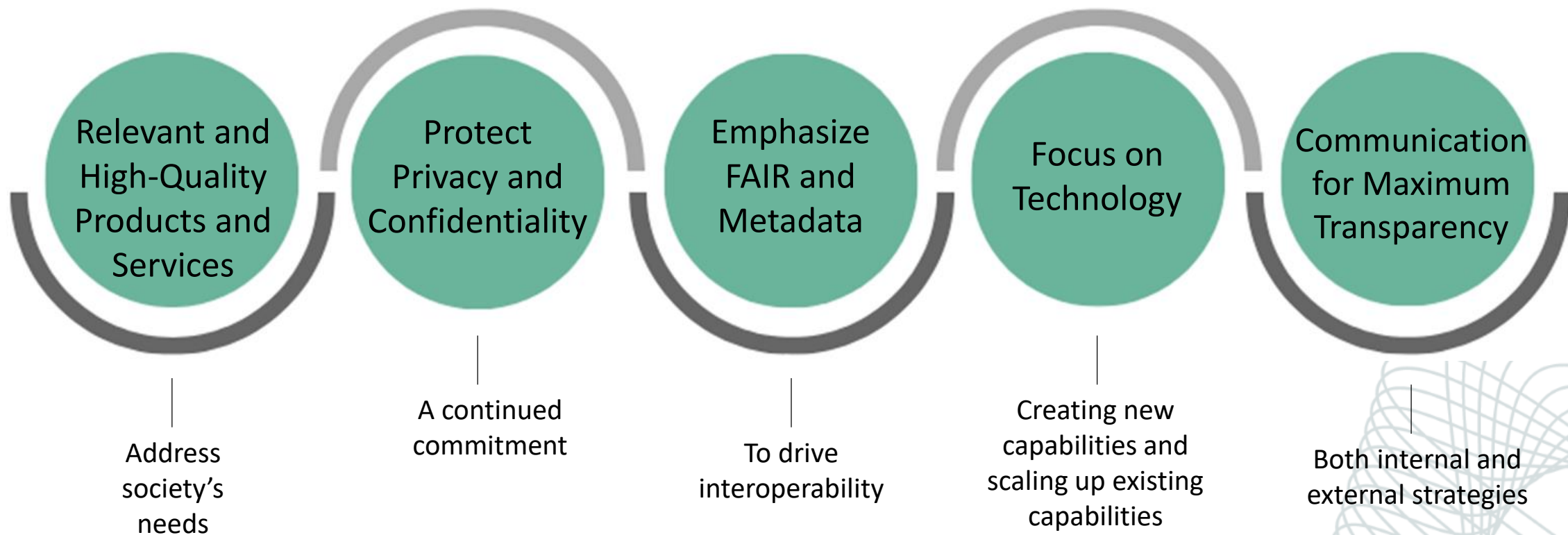
- Adept and agile **data governance organisation**: within NSOs, and also at the national and international levels
- Clear **systems, roles, responsibilities** and **legal authorities**
- Defined **duties** and **decision-making bodies** (e.g. CDO as the senior authority on data)
- **Integrated data strategy** and framework to leverage the **strengths of all partners**
- **Standards** to facilitate interoperability and alignment as well as create agility and resilience to crises

Planning and preparing for resiliency

- Define **common goals** in a **national data strategy**
- Determine what problems need to be solved and **create a roadmap**
- Invest in **partnering in data ecosystems** and shift toward a **culture of co-creation**
- Establish a culture of constant **innovation and adaption**
- **Maintain core 'DNA' and key values of NSOs** that made them trusted partners in the first place



Recommendations for the future



Questions