## Metanorma GSoD 2021 Kickoff

May 24, 2021



# Agenda

- Introduction
- Flavors
- Immediate issues
- Deliverables



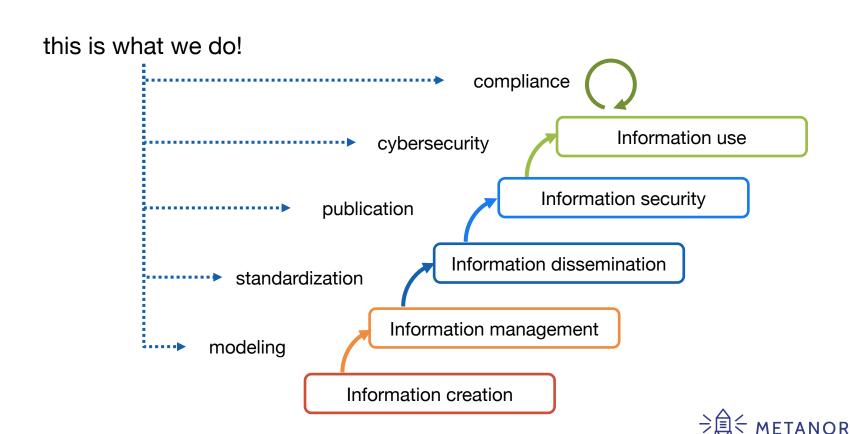
#### Metanorma enables end-to-end document publication

- open source, framework of standards documents
- end-to-end, author-to-publish document creation workflow
- supports <u>model-based authoring</u>
- semantic documents
- ISO 36100 normative document metamodels
- https://www.metanorma.com

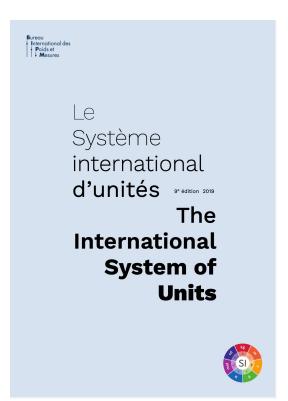




#### We facilitate interoperable semantics from creation to use



#### Metanorma semantic documents rendered in PDF



**NIST Special Publication 800-90B** 

#### Recommendation for the Entropy Sources Used for Random Bit Generation

Meltem Sönmez Turan Elaine Barker John Kelsey Kerry A. McKay Mary L. Baish Mike Boyle

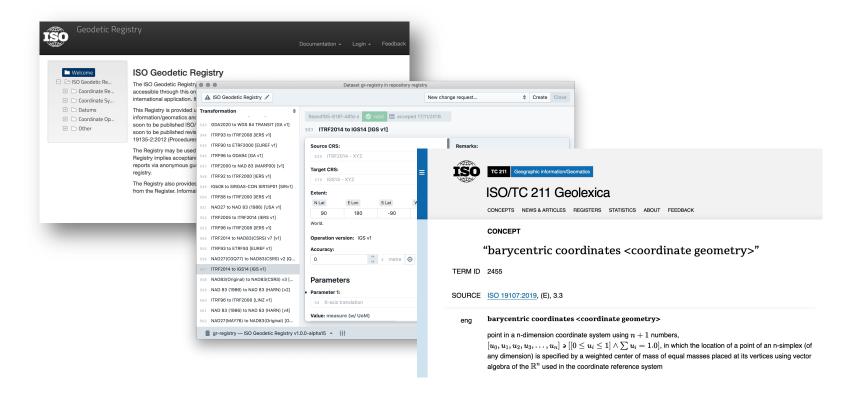
This publication is available free of charge from: https://doi.org/10.6028/NIST.SP.800-90B

COMPUTER SECURITY





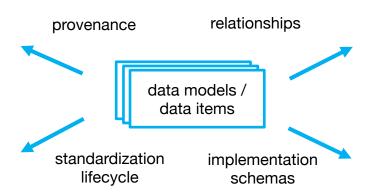
#### Usage





### Driving SMART standards

- copying text out from standards?
  - standards can be expressed as structured data
  - data should be reusable
- Standards Machine Accessible, Readable and Transferrable



- covering:
  - data models, ontologies
  - model-based content: annotations, guidance
  - semantic content
- we define and power SMART
  - ISO SMART standards and pilots
  - IEC SDB pilots









#### Identified issues

https://www.metanorma.org/blog/2021-03-26/metanorma-gsod-2021/



#### **GSoD** Deliverables

- For Metanorma
  - Audit report of the current state of documentation
  - Information architecture
  - Metanorma authoring guide for new users
  - SDO-specific "pilot" authoring guides for IETF and OGC
- For GSoD
  - GSoD project case study

- With 2 writers we could overcome these (originally stated) caveats
  - "This project will not create SDO-specific guidance for every available flavor"
  - "Full-fledged SDO-specific authoring guides as SDO organization rules can be complex and too numerous to members outside of the organization itself"



# Thank you, questions welcome!

