

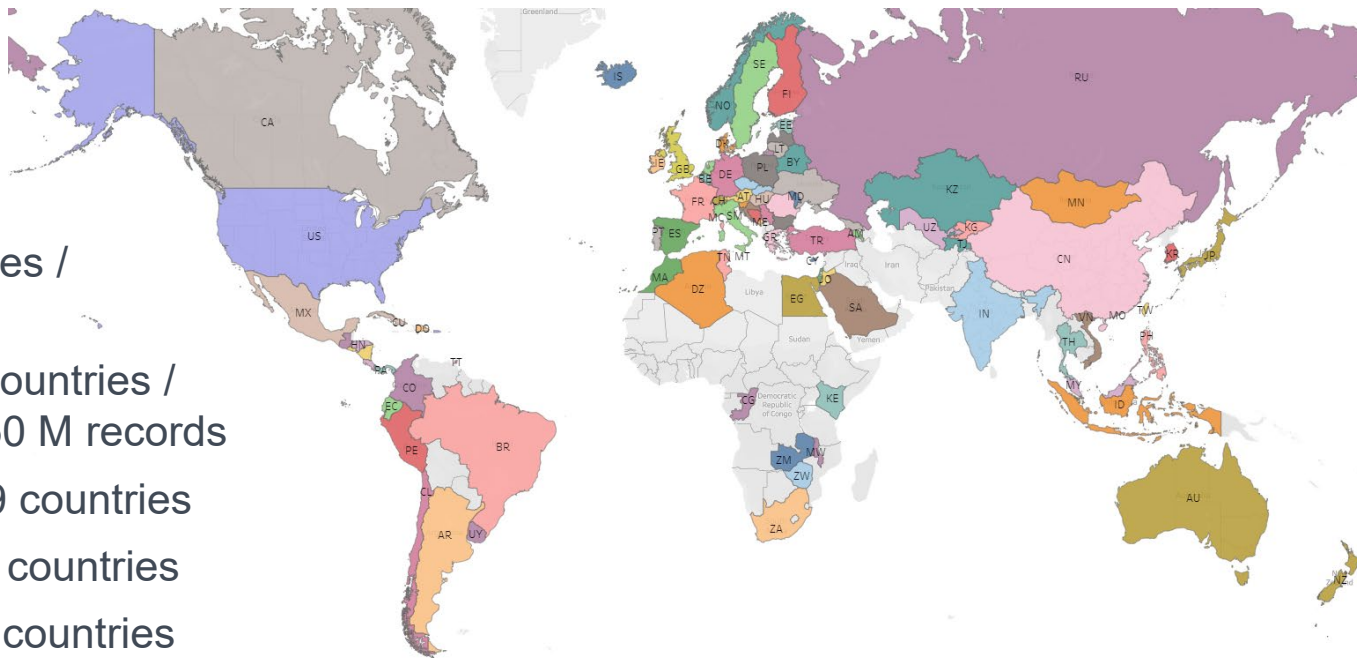
DOCDB – THE BACKBONE OF EPO'S DATA COLLECTIONS

TANIA MALMIERCA | PRIOR-ART DATA INTAKE | 30 NOVEMBER 2023

PRIOR-ART PATENT DATA COVERAGE AT THE EPO

Number of countries /
organizations:

- **Biblio:** 106 countries /
more than 150 M records
- **Citations:** 59 countries
- **Images:** 102 countries
- **Full-text:** 71 countries



AGENDA

Knowledge

Facts

patent families, citation maps, etc

Information

publications, classification, citations, annotations

Raw data

xml, pdf, etc

Connect & maintain nodes



Link related nodes



Validate and standardise



THE DIGITAL PRIOR-ART DOCUMENT

Standardisation following WIPO standards is systematically applied to:

- Publication, application and priority numbers
- Citation numbers (citing and cited)
- Applicant and inventor names

Connecting information

- subsequent publications and status
- Same patent family, same applicant, same inventor, etc.
- Cited-citing pairs, enabling citation maps, etc.
- Classification at PUB/FAM level

Adding value

- Pre-loading look-up, post-loading data correction, family building process, standardisation of numbers and names, class propagation, etc.



THE EPO'S KNOWLEDGE AND INFORMATION MANAGEMENT ENVIRONMENT

- EPO is currently developing a state-of the-art Knowledge and Information Management Environment (KIME)
- KIME focuses on full-text management and the distribution of prior-art information to internal clients. It organises and distributes data at family level, including bibliographic data, full-text, citations, images, metadata, NPL, dossier information, annotations and enrichments
- It's been tailor-made to respond to the specific needs of the tools used by examiners

THANK YOU VERY MUCH FOR YOUR ATTENTION

Tania Malmierca

Prior-art data intake

tmalmierca@epo.org