



Al-powered monitoring and assessment of drought finance flows

October 1, 2024 Dávid Papp, PhD

Drought Finance Tracker

- The need for a baseline
- FAO DFT: global tool to track drought finance at country level
- Leveraging AI and state-of-the-art information extraction methods
- Captures a wide range of drought-related projects:
 - meteorological,
 - agricultural,
 - and hydrological types of drought.



Finance at country level ormation extraction methods ated projects:

OECD-DAC database

• Climate-related development finance







Drought-related project









Project data extraction ler 1.



Project data extraction

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FULL TITLE **BENEFICIARIES START YEAR** ACTIVITIES **GENDER OBJECTIVE END YEAR STATUS GENDER INFORMATION RECIPIENT COUNTRY** LESSON LEARNT DONOR COUNTRY/AGENCY PILLAR OF INTEGRATED **BUDGET DROUGHT MGMT PROJECT OBJECTIVES** SUMMARY OF THE PROJECT



Drought-related projects

- ~10K projects out of ~160K data
- Results in DAYS vs MONTHS
- Reusable on updated database
- Results are integrated into the Drought Finance Tracker



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- BUDGET

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Data extraction

PROJECT TITLE START YEAR / END YEAR / STATUS **RECIPIENT COUNTRY** DONOR COUNTRY / AGENCY **PROJECT OBJECTIVES BENEFICIARIES** ACTIVITIES **GENDER OBJECTIVE / INFORMATION** LESSON LEARNT PILLAR OF INTEGRATED DROUGHT MGMT SUMMARY OF THE PROJECT COMPLETED ON 100+

PILOT PROJECTS



Thank you!