#### **Climate Policy Radar's Open Knowledge Graph**

Tackling Climate Change with Machine Learning Workshop, NeurIPS

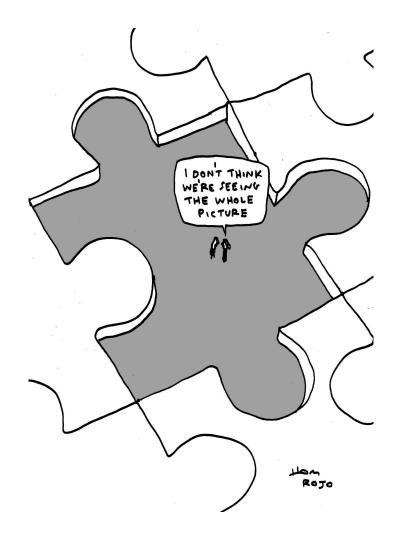
San Diego, December 2025

Kalyan Dutia, Anne Sietsma, Julie Saigusa, Harrison Pim



# The climate crisis is getting worse

Decision makers need to answer difficult questions, but good data is hard to find



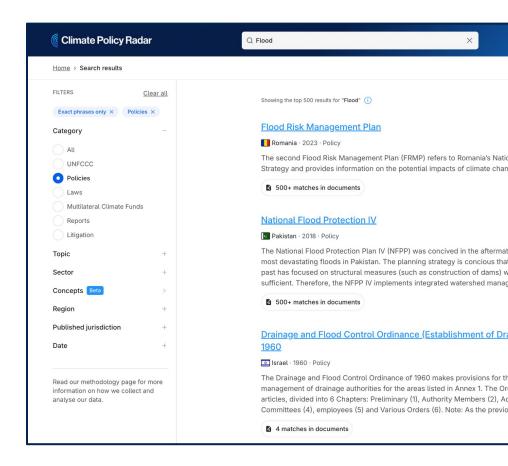
# Answers come from more than one source





## Climate Policy Radar

- ✓ Laws
- ✓ Policies
- ✓ UNFCCC submissions
- ✓ Multilateral Climate Funds Projects
- ✓ Industry insights (offshore wind)
- ✓ Corporate reporting (~500 highest emitting)
- Litigation (launching soon)
- UNCBD submissions



## **Concepts**



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### **Classifiers**

CCLW.executive.1322.3113 | Not Translated | Region: South Asia | Corpus: Laws and Policies

6. Biofuels: Enhanced use of liquid biofuels (1st and 2nd generation, advanced biofuels) would curb the country's oil imports. And biogas could be used for cooking in rural areas.

CCLW.executive.9612.4007 | Not Translated | Region: South Asia | Corpus: Laws and Policies

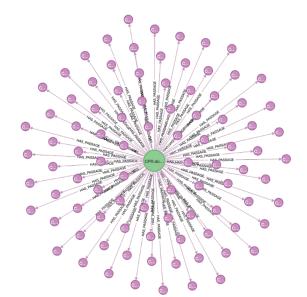
1. To increase production of sustainable biomass energy by utilizing agriculture and forest residues and organic wastes.

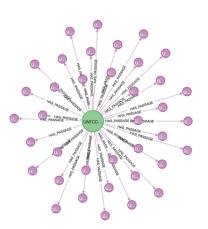
CCLW.legislative.rtl\_40.rtl\_55 | Not Translated | Region: North America | Corpus: Laws and Policies

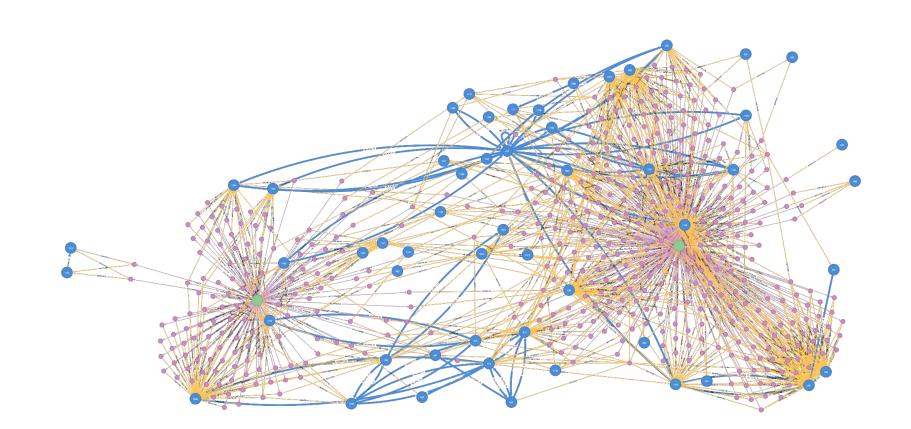
(iv) the energy density of the biogas provided for in Article 1 of Annex 2, in column 2, or by the specifications for the calculation of the CI using the fuel LCA model or measured in accordance with in article 162 of these regulations, at the choice of the registered creator.

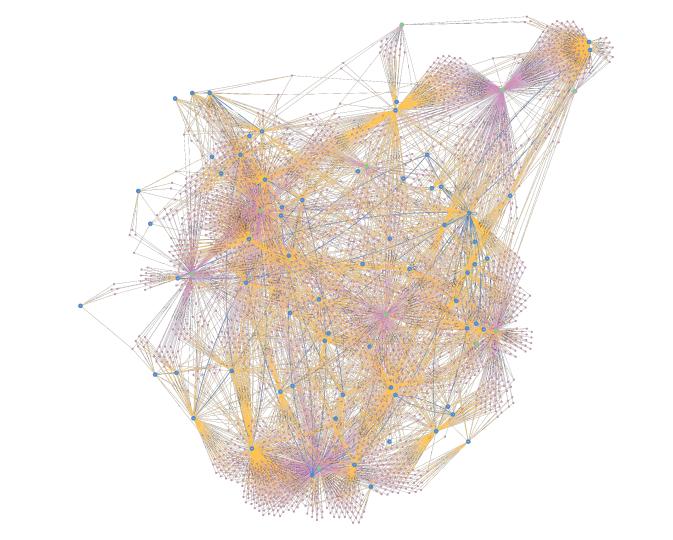
CCLW.executive.9426.3540 | Not Translated | Region: Europe & Central Asia | Corpus: Laws and Policies

The latest generation of biofuels have been developed, which reduce the risks of food crops and soils suitable for growing food being used for bioenergy.



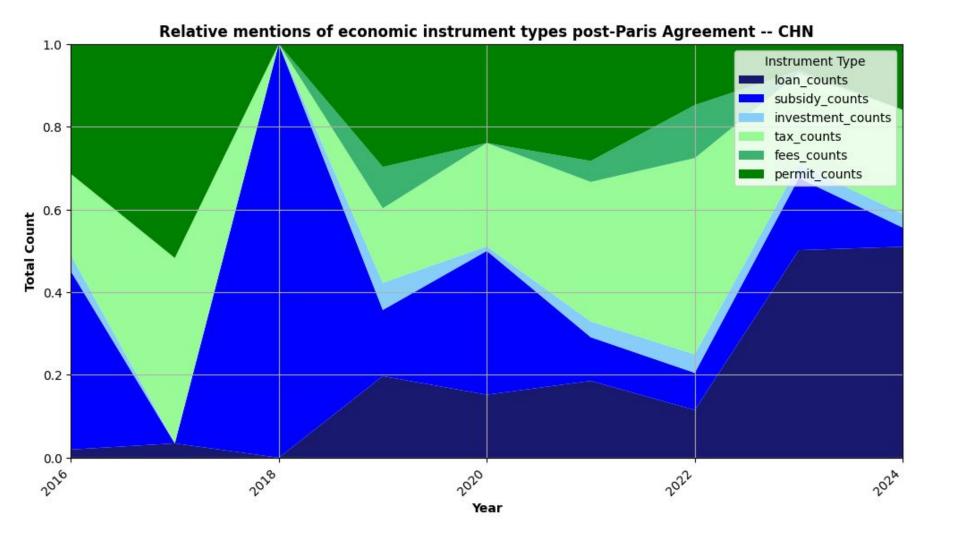






Loans and Subsidies versus Taxes and Fees per Geography 5000 + loan\_counts subsidy\_counts investment\_counts 4000 tax\_counts fees\_counts Nr of identified Spans permit\_counts 3000 -2000 -1000 -

Geography





#### **Tutorial notebook**

https://colab.research.google.com/drive/1Jx5cJqJXG0NgiGBqMCX07kXrcEw1lSnD



#### **Github repo**

https://github.com/climatepolicyradar/knowledge-graph



#### **Concept store**

https://climatepolicyradar.wikibase.cloud/wiki/Main\_Page

# CLIMATE @ POLICY RADAR