

# Emerging Publishing Models

Open Science Fair

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# Knowledge is a commons

- Charlotte Hess and Elinor Ostrom: Information as a common-pool resource
- Robert K. Merton: CUDOS
  - Communism
  - Universalism
  - Disinterestedness
  - Organised Scepticism
- The Roman Law concept of Res extra commercium

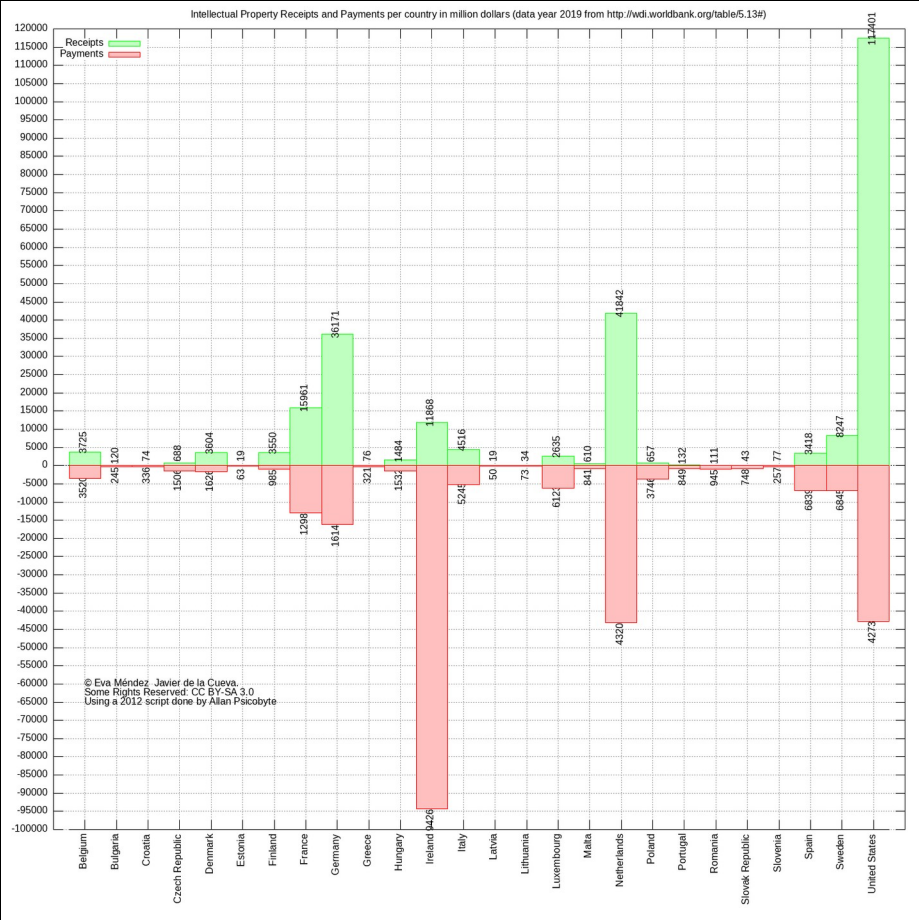
## Myths that sustain intellectual property

- With stronger IPR there will be more creativity and innovation. Occidental canon exists before IP laws. There is creativity *against* IPR. AI training is done infringing IP.
- Authors receive compensation for their works. Yes, specially publishing in NATURE <https://www.nature.com/nature/for-authors/publishing-options> (The APC to publish Gold Open Access in *Nature* is €9,750 / \$11,690 / £8,490).
- IPR may come from copyright, patents, trademarks and trade secrets. Need to be more specific.
- Lack of data.

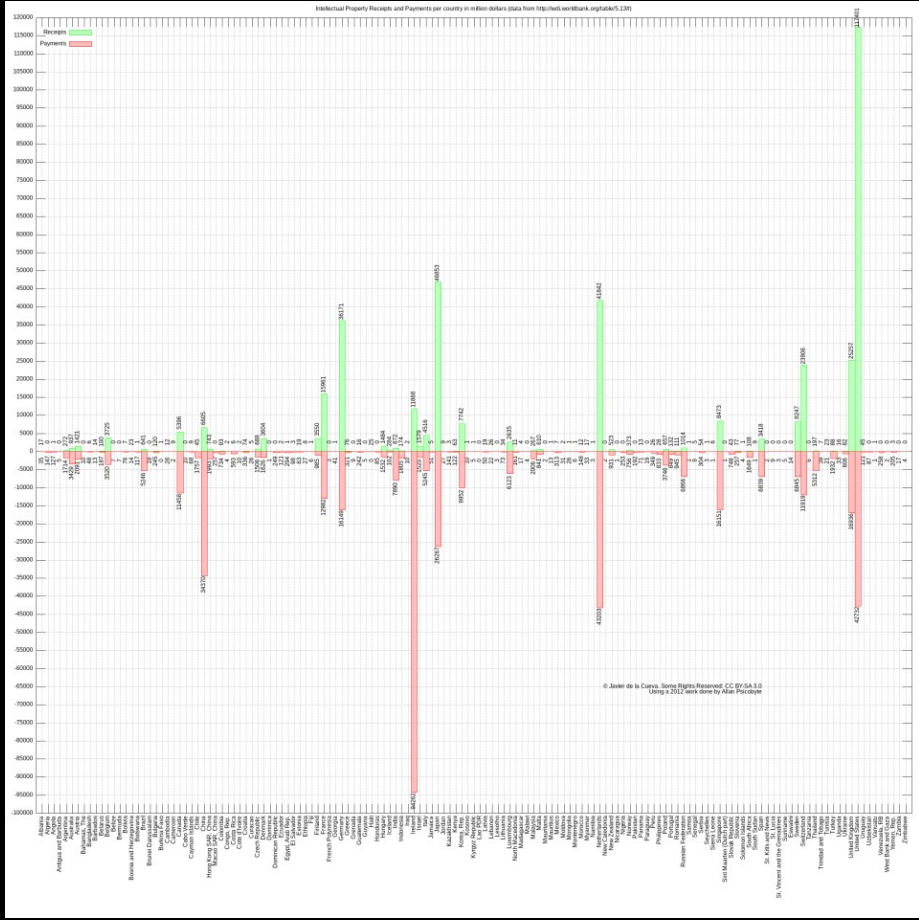
# European Office for IPR in OS

- IETF model:
  - All authors give to the common pool.
  - All authors receive from the common pool.
  - A central point holds the rights and guarantees their openness.
  - This method has demonstrated its success. The work built by this model is called INTERNET.
  - INTERNET is the XX Century Encyclopedia: 9476 entries so far.

# The elephant in the room: political corruption



EU + US



All countries

## The size of the elephant

Year 2019	Receipts \$ millions	Payments \$ millions	Net \$ millions
United States	117,401	42,732	74,669
EU	141,102	211,382	-70,280

- Difference: 144.949 \$ millions (against EU) in 2019 (last data available).
- Source: World Bank data. Available at <http://wdi.worldbank.org/table/5.13>

# An invisible existing model

- The Request for Comments model
  - Text and data available as a common pool resource
    - <https://www.rfc-editor.org/>
  - A centralized organisation holds the commons (IETF). IPR trustee.
  - Open revision
  - Free licences