ecoinvent v3.5 & beyond

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ecoinvent
ecoinvent v3.5

• ecoinvent v3.5 was released the 23rd of August 2018

• We did updates or addition of new data in the following sectors:
  ➠ waste treatment
  ➠ aluminium
  ➠ pulp and containerboard
  ➠ hard coal
  ➠ fish capture and aquaculture
  ➠ electricity update
  ➠ improved supply chains
Waste treatment and disposal mixes

- Version 3.5 adds new technologies: unsanitary landfill, open burning and open dumping
- It adds 500 country specific disposal mixes for common municipal waste fractions: waste glass, waste paper, waste plastics...
- Covers 37 European countries, as well as the emerging economies Brazil, Colombia, Peru, India and South Africa.
Aluminium sector

- Most recent available data, provided by IAI.
- The update covers the whole supply chain: from electricity production to primary and secondary aluminium production.
- Some technologies have gained in regional resolution, improving the connectivity of the supply chain.
Pulp Production and Containerboard

- Latest primary data on sulphate pulp production collected by the European Pulp Industry Sector Association.
- This allows a higher level of granularity in the sulphate pulp supply chains, distinguishing bleached and unbleached kraft pulp by type of pulpwood.
- European corrugated board supply chain: latest data from the Federation of Corrugated Board Manufacturers.
Hard coal sector

- v3.5 covers more than 95% of the global hard coal supply chains.
- New data on coal mining in India and South Africa will include different types of mines.
- Key emissions from coal mines were updated and consistently implemented for all geographies.
- Global trade and regional supply: new import and market datasets.
Fish capture and aquaculture

- Datasets related to anchovy, hake and tuna capture as well as trout and tilapia aquaculture, primarily in Latin America.
- Processing into fish meal and oil as well as fish processing activities such as canning or freezing are also included.
- Needed infrastructures (vessels, nets, plants) were added as well.
Improved supply chain representation

- New regional markets added in rail and road freight transport.
- New regional markets added for chemicals and wastes (other than the waste update).
- Infrastructures and services linked to their consumers in the same region.
Next version: v3.6

- The v3.6 release is scheduled for summer 2019.
- This version integrates SRI data and updates the following sectors:
  - agriculture and animal husbandry
  - building materials
  - electricity
  - freight transport
  - metals
  - informal recycling of e-waste
  - refinery
  - textile
  - tourism
  - water supply
Thank you for your attention!

Questions?

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