Urban Nitrogen Cycles:
New Economic Thinking to master the challenges of climate change

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The Issue: Nitrogen Cascade
Turn Urban Challenges into Solutions

- Dominant in N cycle: agriculture

- Yet nitrogen issue is an urban problem
  - Industry
  - Combustion processes
  - Peri-urban agriculture (high fertilizer consumption; high animal density)

- Tune processes to
  - Avoid losses
  - Reuse waste
  - Upcycle products
N-Flux Quantification

Urban Nitrogen metabolism

Recycle to Urban Processes

Release to Urban Environment

Effects to population
Effects to climate
More info

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