



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

IIASA, Laxenburg, Austria

University of Zielona Góra, Poland

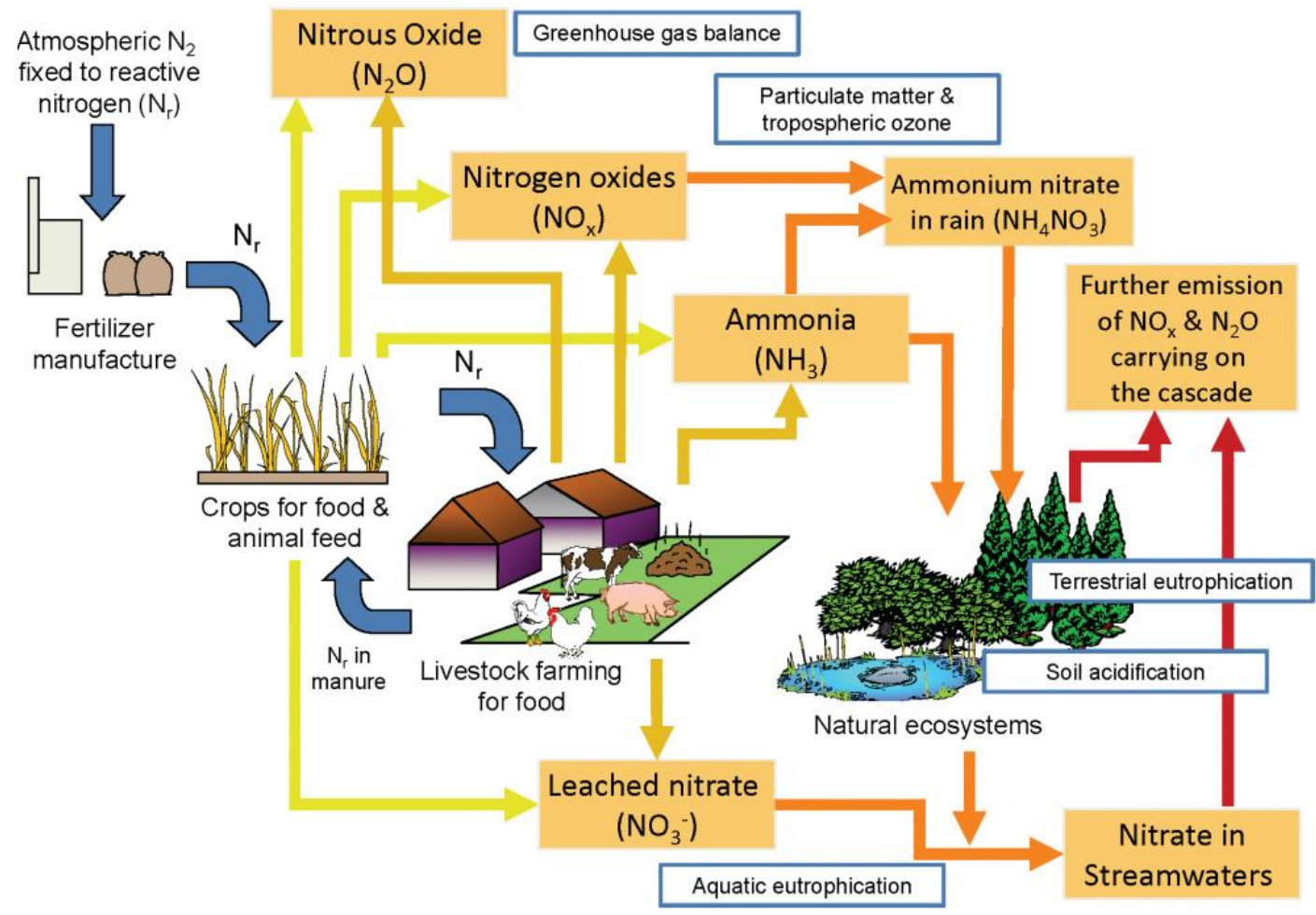
Chinese Academy of Sciences, Center for Agricultural Resources Research

Peking University, Dep. of Atmospheric and Oceanic Sciences, China

brainbows informationsmanagement gmbh, Vienna, Austria

E.C.O. Institut für Ökologie, Klagenfurt, Austria

The Issue: Nitrogen Cascade



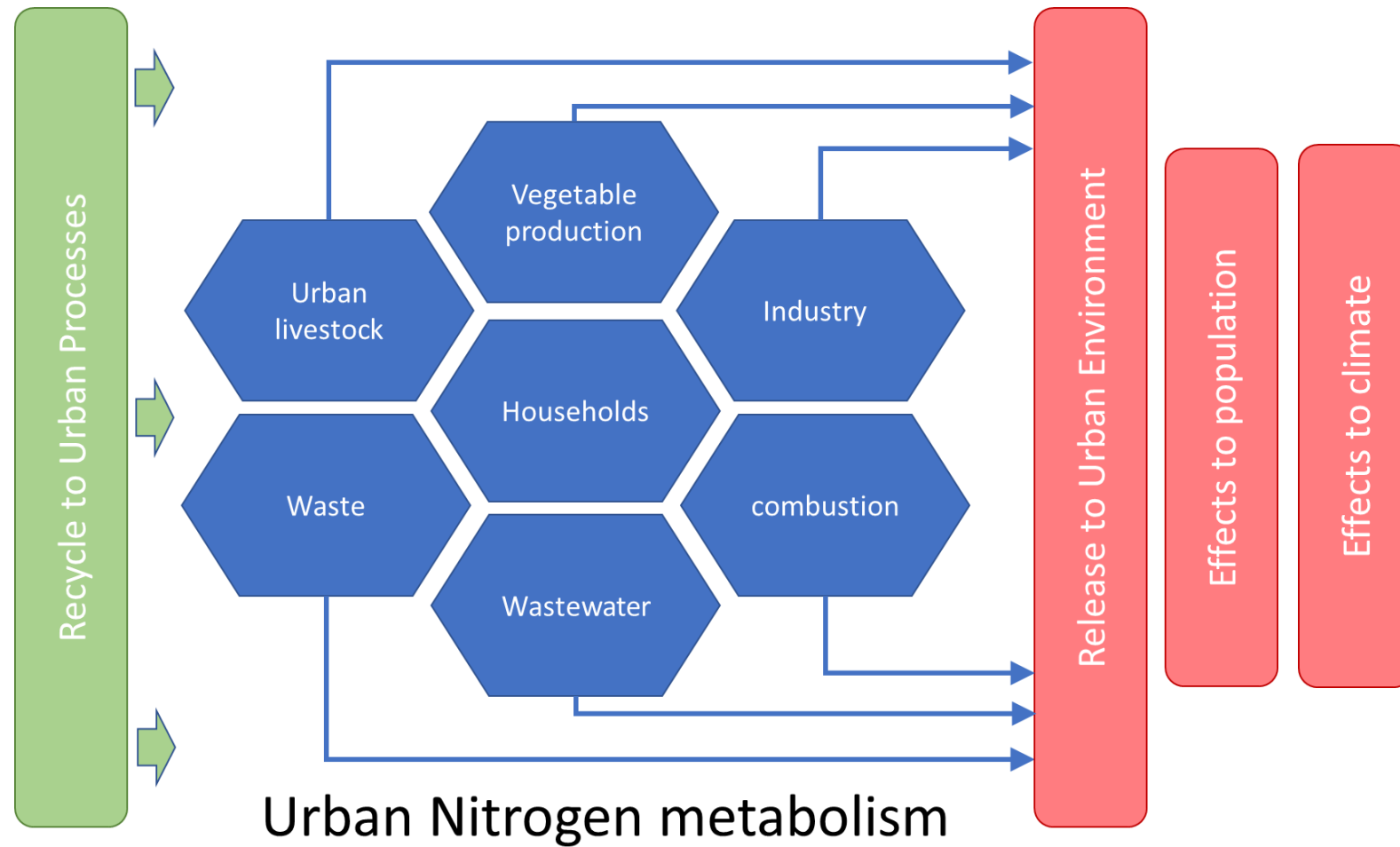
ENA, 2011



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



More info



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winiwarter@iiasa.ac.at



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