FEEDING AND FUELLING EUROPE

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The impacts of livestock farming

- Global livestock production set to double by 2050
- 80% of this = industrial systems
- Livestock one of the biggest reasons for land-use change
- 33% cultivable land used to produce feeds
- 23 out of 25 global biodiversity hotspots threatened by livestock and feed production
Livestock and climate

- 18% of Greenhouse gas emissions arise from animal agriculture
- Manufacturing fertilisers for feeds = 40 million tonnes CO2 every year
- 37% of human-induced methane
- 65% human-induced nitrous oxide
Livestock and climate change

Percent contribution to total livestock-related GHGs

- Enteric: 25.3%
- Other: 4.1%
- Manure: 30.4%
- Fertiliser: 6.2%
- Deforestation: 34.0%
Increasing need for animal feeds

Slaughtered chickens EU 25 1961-2004
(million tonnes)
Increasing need for animal feeds

Slaughtered pigs EU25 1961-2004
(million tonnes)

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European factory farms need soy

Soy bean import EU27 1961-2005
(1000 tonnes)
European factory farms need soy

Soy meal imports EU27 1961-2005
(million tonnes)
Soy...

forced evictions

slavery
Soy...

unemployment

hunger
Soy... genetically modified erosion
Soy...
deforestation
destruction
Increased demand for agrofuels

- EU 10% target by 2020
  - European Commission - 20% imports
  - IF 30% second generation on stream
  - IGNORES possible displaced imports (20%)
  - JRC study - imports for biodiesel ca 50% (80% if 2nd generation not widespread)
Palm oil import EU 27 1961-2005
(1000 tonnes)
Soy oil import EU27 1961-2005
(1000 tonnes)
Feeding and Fuelling Europe

- Major environmental and social impacts
- Creating increased competition for land
- Leading to more intensive agriculture
- Leading to expansion of agriculture land into new areas
Feeding and Fuelling Europe

- Stop the agrofuel madness - no mandatory targets or perverse subsidies
- Reduce consumption of animal-based products (contract and converge)
- Grow protein crops in Europe (CAP reform)