

MEMBANGUN INDUSTRI PETERNAKAN YANG RAMAH LINGKUNGAN (ENVIRONMENTALLY FRIENDLY)

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Keynote Speaker
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Abstrak: (tidak ada abstrak)

Rancang fungsional kandang ternak

Emisi gas dari industri peternakan

Carbon Footprint pakan dan produk peternakan

Peternakan Berkelanjutan

Pengertian “Carbon Footprint”

Wikipedia:

The total set of greenhouse gas (GHG) emissions caused by an organization, event, product or person.

Ingat:

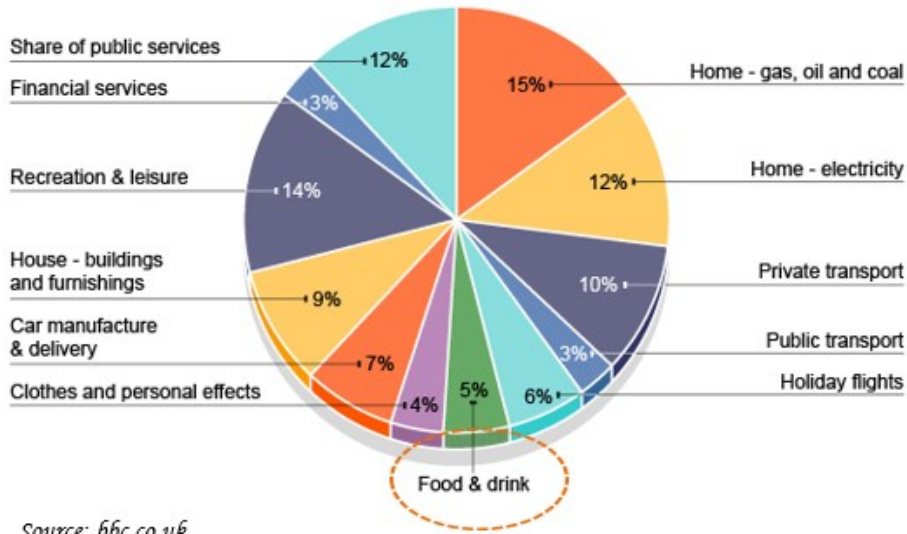
Finger print



Blueprint



Person Carbon Footprint (MEDC)



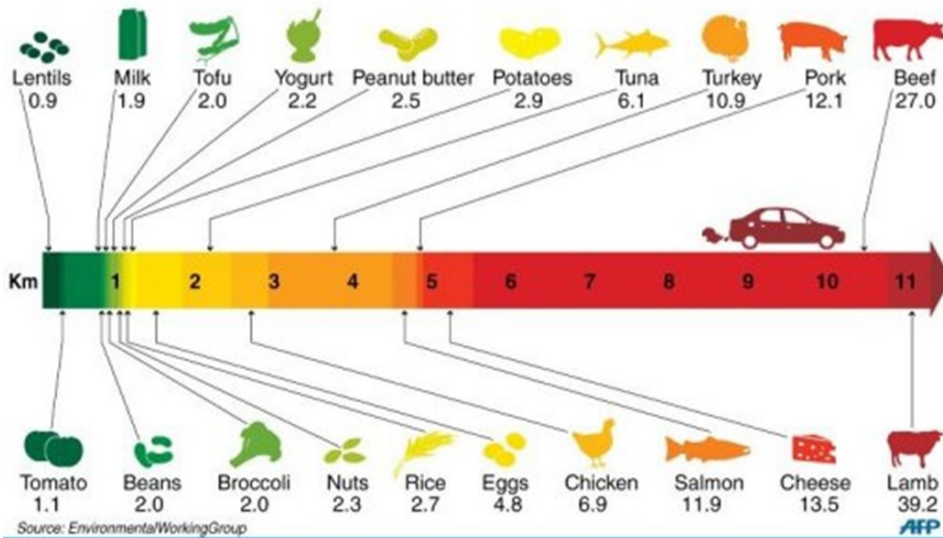
Source: bbc.co.uk

Carbon footprint of what you eat

Calculations of greenhouse gas emissions from the production, processing and transportation of specific food items

■ Main chart compares 110g of food against a journey in a mid-sized car

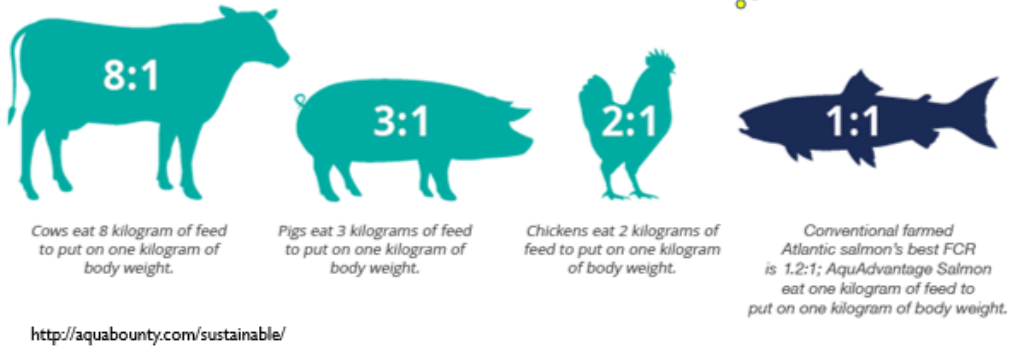
■ Number shows kg of carbon dioxide equivalent produced per 1kg of food



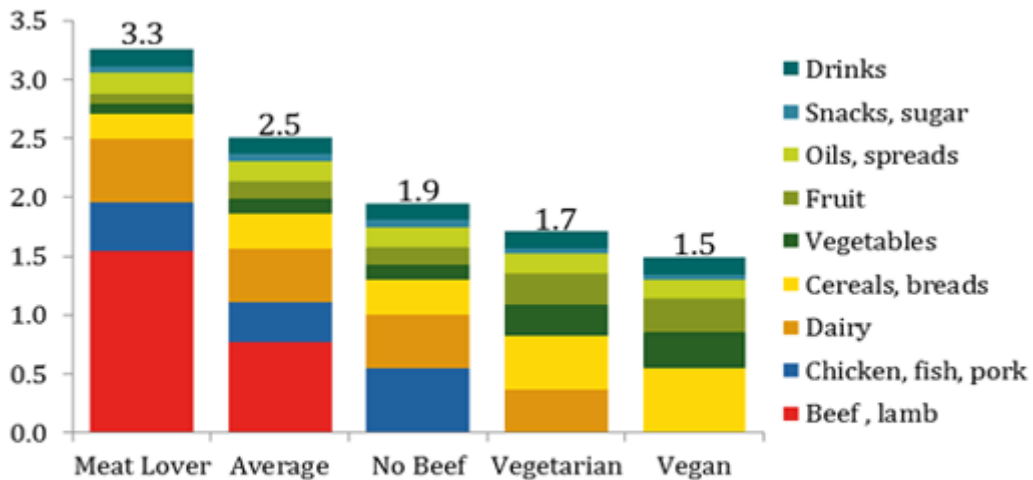
Source: EnvironmentalWorkingGroup

Feed consumption

Mana yg lebih ramah lingk. ?



Foodprints by Diet Type: t CO₂e/person

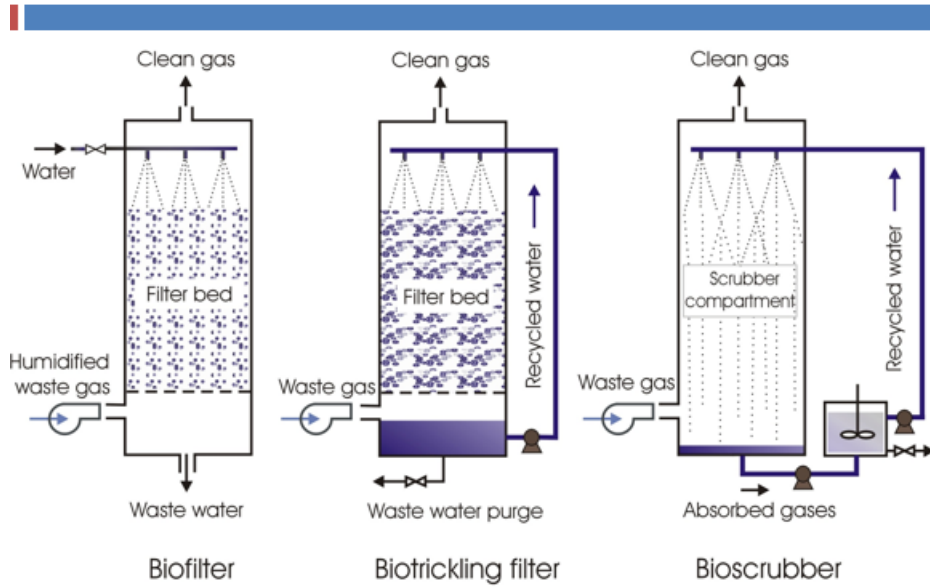


Note: All estimates based on average food production emissions for the US. Footprints include emissions from supply chain losses, consumer waste and consumption. Each of the four example diets is based on 2,600 kcal of food consumed per day, which in the US equates to around 3,900 kcal of supplied food.

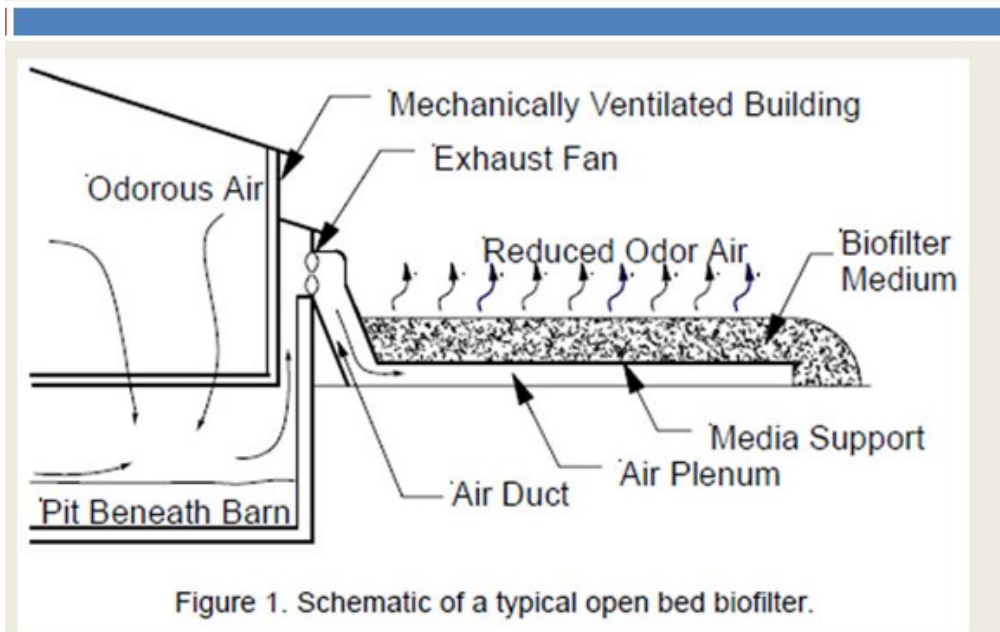
Sources: ERS/USDA, various LCA and EIO-LCA data



Odor Pollution Reduction Technologies - Biological



Biofilter untuk Kandang Ternak



Contoh Kasus: Baros, Sukabumi. Peternakan Ayam: **Berkelanjutan?**

Cemarkan Lingkungan, Warga: Tutup Peternakan Ayam PT NNF

07:54, Kamis, 3 November 2015 | 18:46 WIB

Wartawan: Ahmad Zunaedi



Warga di Kampung Civalan dan Kampung Salagombong, Kelurahan/Kecamatan Baros, Kota Sukabumi desak Pemkot Sukabumi

Bagaimana kondisi:

- **Ekonomi?**
Pendapatan naik.
- **Lingkungan:**
 - Aroma tidak sedap
 - Serbuan lalat hijau
- **Sosial-budaya:**
 - Resah
 - Tidak nyaman.

Bagaimana kesimpulannya? Budidaya ayam yg berkelanjutan ?

Solusi (Rencana Kementan 2015-2045)



Pertanian Berkelanjutan
Berbasis Masy, Ling, &
Pelaku Agribis:

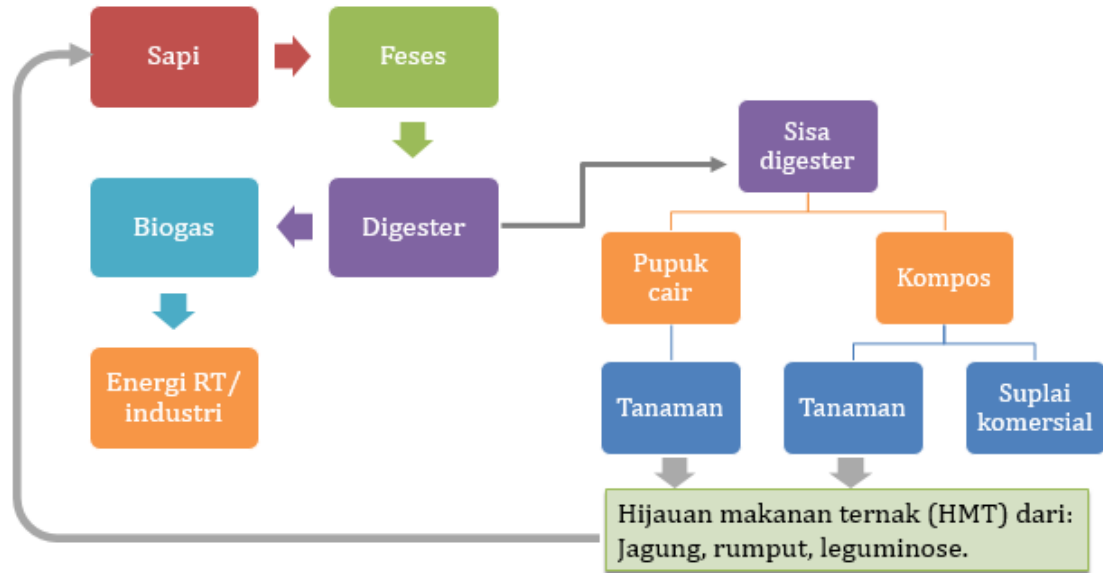
Ubah orientasi

Maksimisasi nilai
tambah bagi pemilik
(**shareholders**) ke:

Optimisasi nilai tambah
pemangku kepentingan
(**stakeholders**) scr luas

Wong cilik
makin
makmur

Contoh Solusi: Keterkaitan antara budidaya ternak dan produksi energi



Contoh Ilustrasi Bio-industri (Tanaman ubi kayu - Ternak sapi - Industri tapioka)

