

Animal Agriculture and Climate Change

COP 22 Marrakesh

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ABOUT US

- Non-profit action tank that works to transform public policy and dialogue on the environment, animals, and sustainability, both globally and locally



Brighter Green
Equity. Sustainability. Rights.™

- **Food Policy and Equity program**
 - Policy papers, factsheets, and videos on climate change and the globalization of industrial animal agriculture (“factory farming”)

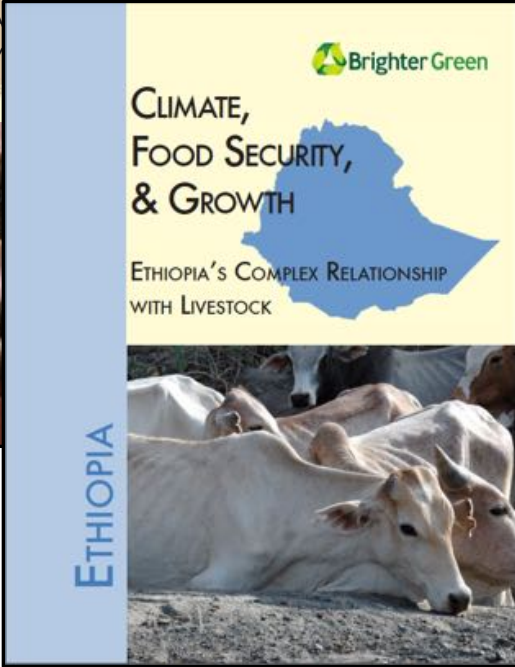
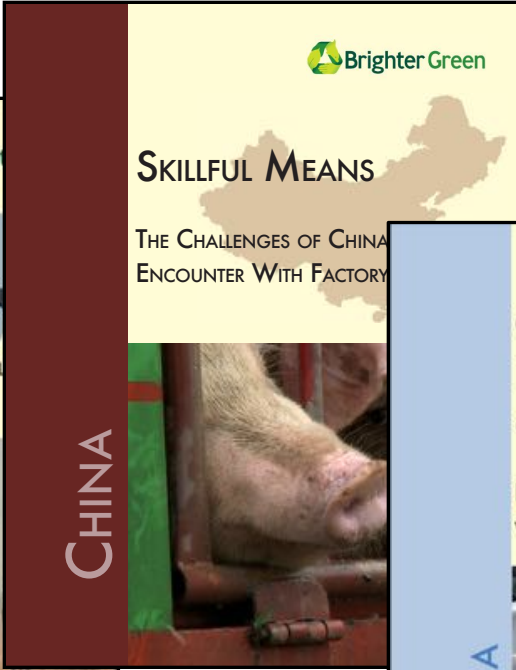
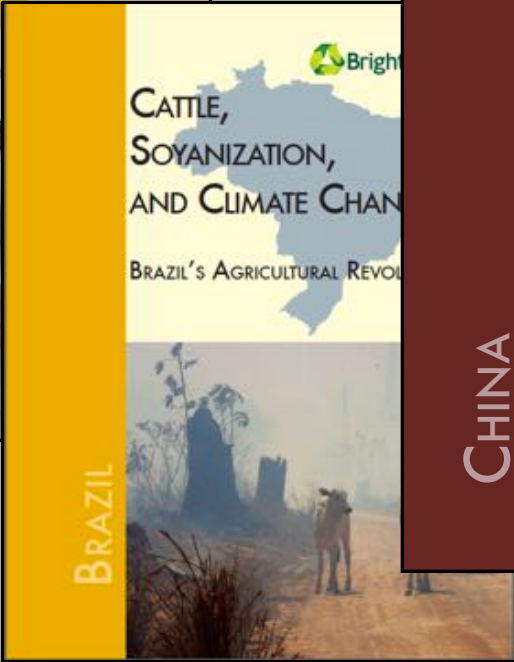
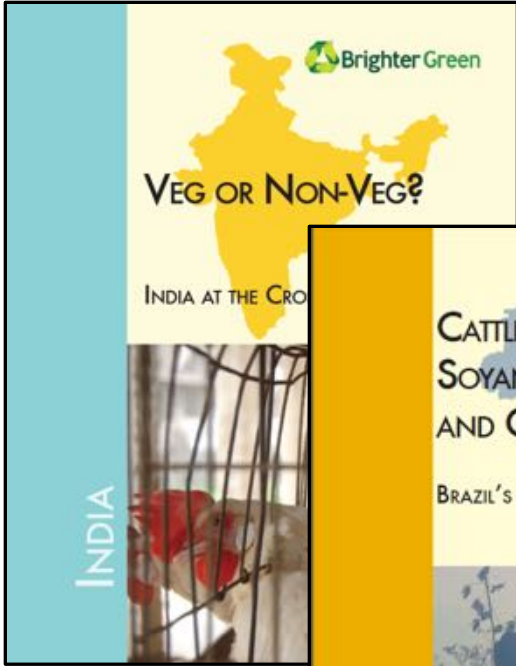
PARTNERS

- African Network for Animal Welfare (ANAW)
- Biofuelwatch
- Chatham House
- China Dialogue
- Civil Eats
- Compassion in World Farming
- Farm Sanctuary
- Federation of Indian Animal Protection Organisations (FIAPO)
- Global Forest Coalition
- Greenbelt Movement
- Humane Society International (HSI)
- Indigenous Information Network
- My Plate, My Planet
- Pan African Animal Welfare Alliance (PAAWA)
- RAPAD Maroc
- Real Food Media Project
- Simba Maasai Outreach Organization (SIMOO)
- Tribal Link
- WildAid

WHY ANIMAL AGRICULTURE?

- Climate change and natural resource use
- Food security and hunger
- Power and control over food system
- Public health
- Animal welfare and rights
- Species and biodiversity loss
- Livelihoods
- Equity
- Sustainability

PUBLICATIONS



“WHAT’S FOR DINNER?” (WFD)

- Being the first
- Chinese crew
- Educate and inspire



WHAT'S FOR DINNER?

[Home](#) [China Tour](#) [About the Film](#) [Screenings](#) [Film Guides](#) [Watch](#) [Contact](#) [Brighter Green](#) [English](#) [中文 \(中国\)](#)

NEW SEQUEL, SIX YEARS ON, ALMOST COMPLETE

COMING SOON...

Six Years On revisits some of the places and people (including the film crew) featured in the 2009 film *What's For Dinner?* and poses questions about the future of the country's food production and consumption. What has and hasn't changed in their lives and their awareness and understanding of animal agriculture? A Brighter Green production.

What's For Dinner? is a short documentary that provides a unique look into the rapidly growing consumption of meat in China and the increasing industrialization of agriculture. Through interactions with people across Chinese the impacts this big



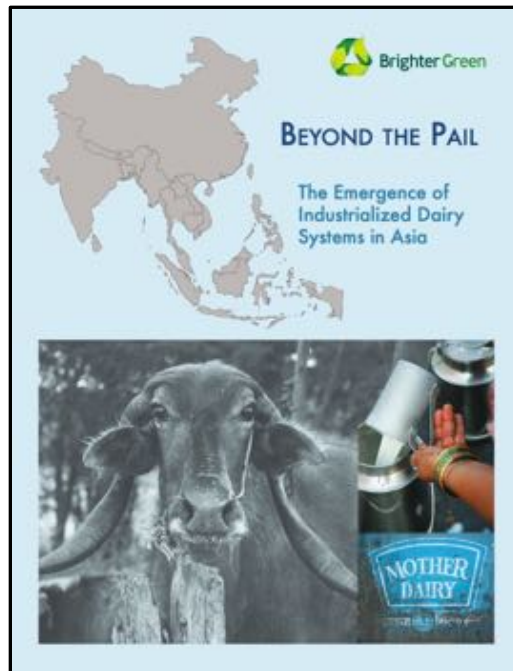
Trailer music "Tension" by Dustin Stavans



RECENT PUBLICATIONS

□ Beyond the Pail

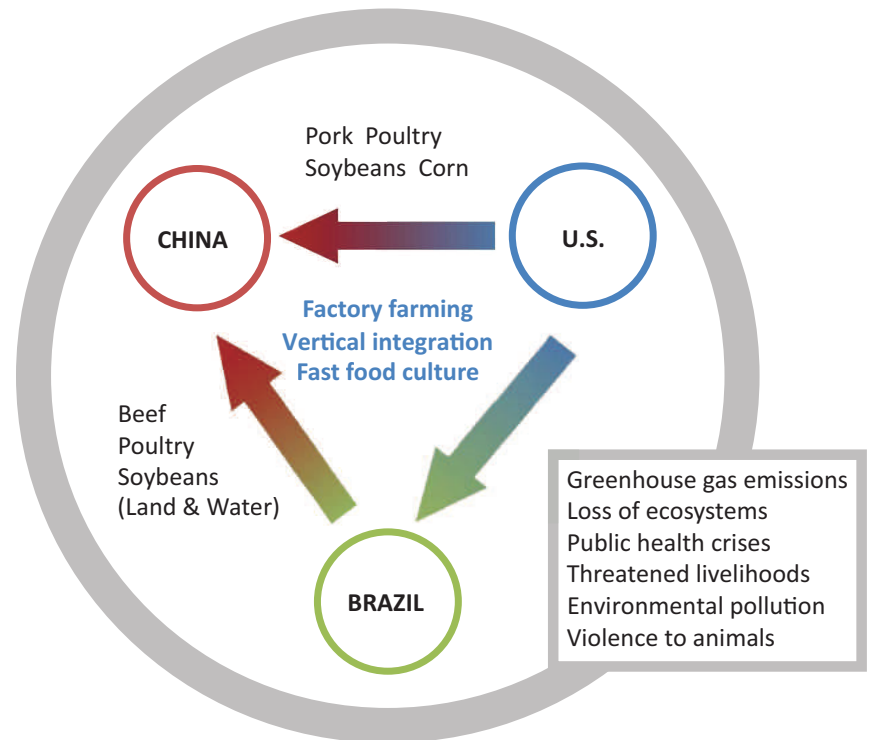
■ The Emergence of Industrialized Dairy Systems in Asia



RECENT PUBLICATIONS

□ The Triangle

- The Evolution and Future of Industrial Animal Agriculture in the U.S., China, and Brazil
- COP 21 release



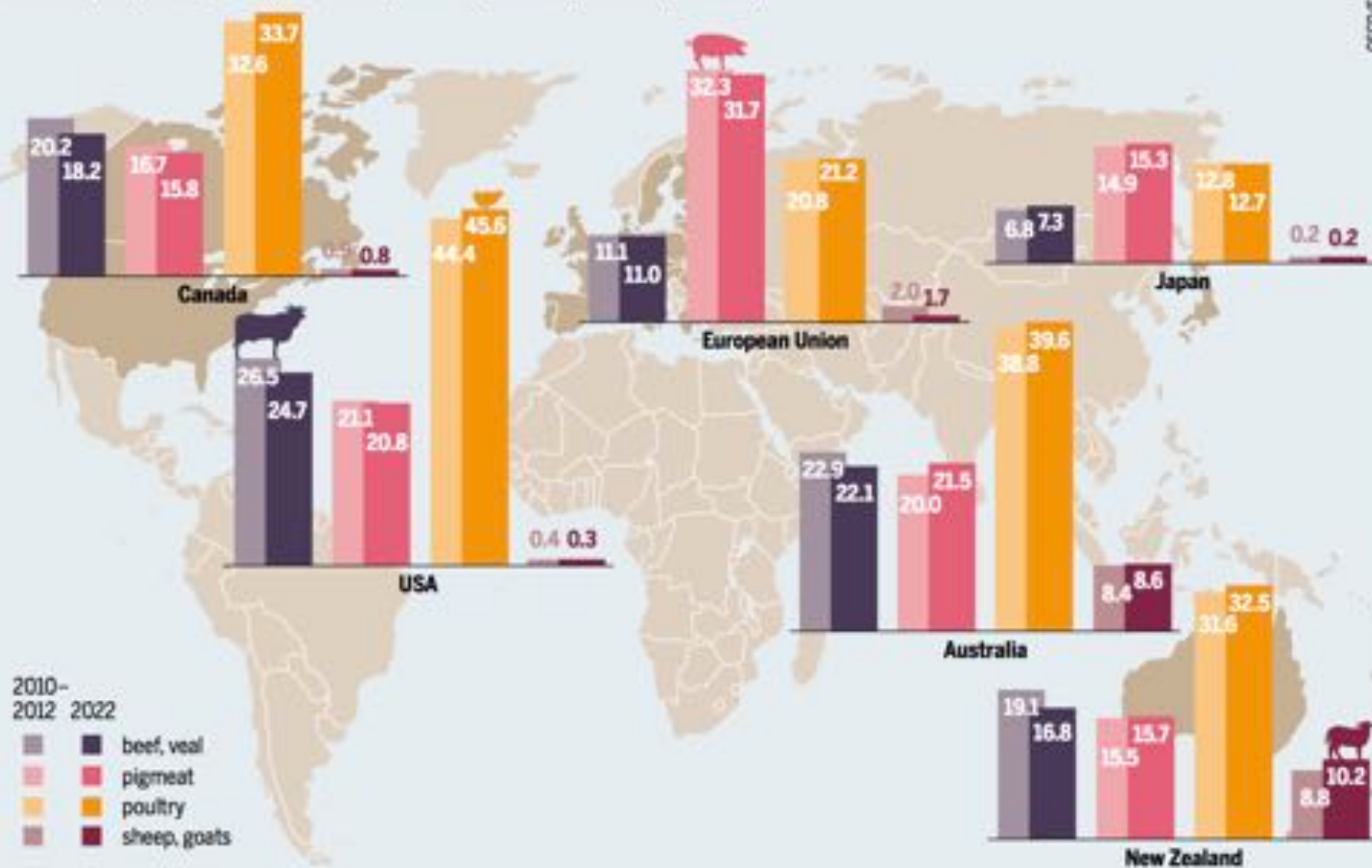
BY THE NUMBERS

- 70 billion+ animals killed for food globally per year
- Average American eats 230 lb (104 kg) of meat per year (including fish)
- Rest of world: c. 75 lb (34 kg) per capita/year (not including fish) and rising
- Meat and dairy production use 30% of Earth's land surface & 70% of agricultural land

Demand in the rich world is satiated

Meat consumption per capita, kilograms, average 2010–12 (estimate), and 2022 (forecast)

OECD/FAO

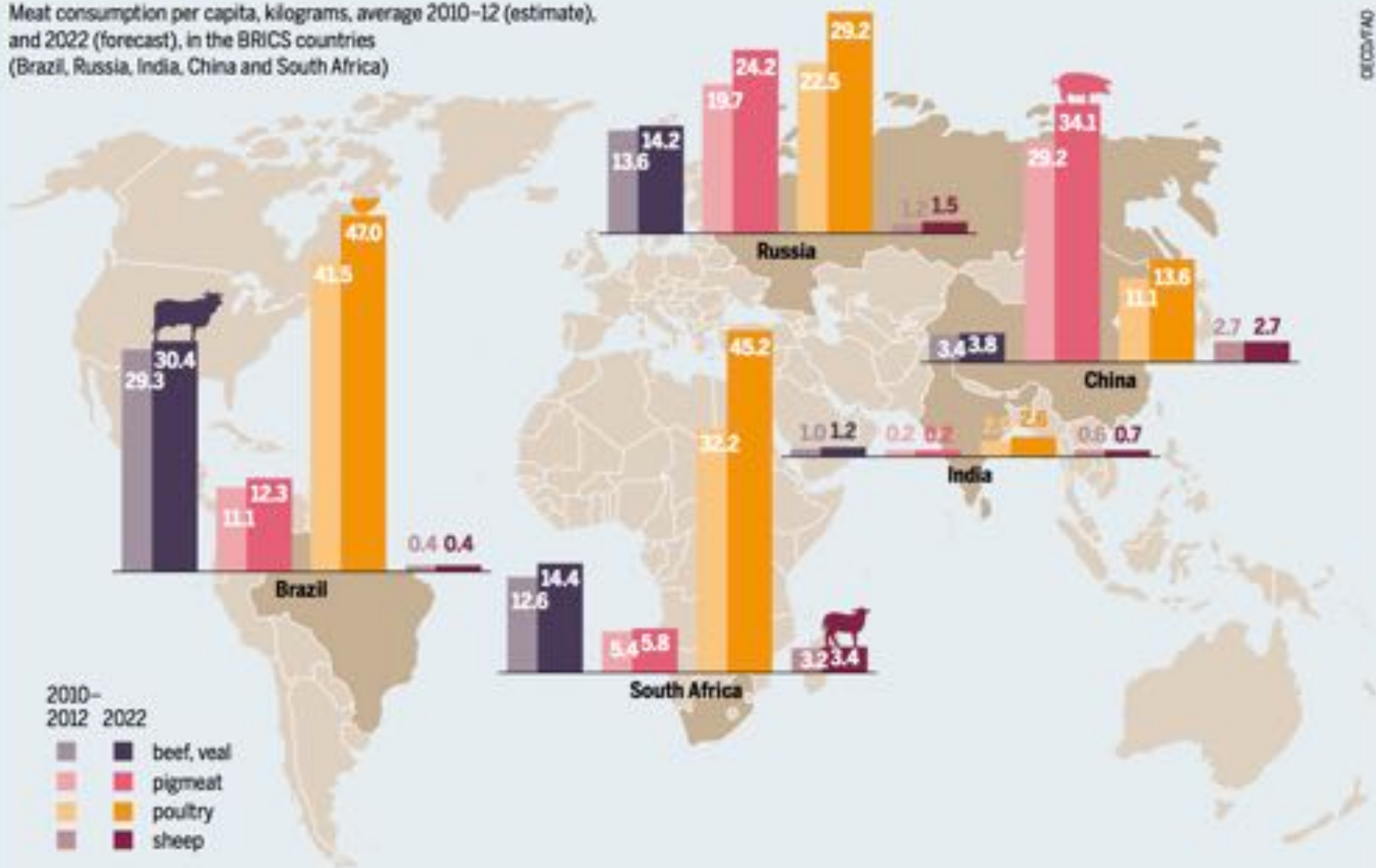


Source: Meat Atlas: Facts and figures about the animals we eat, January 2014

Demand in the developing world is rising steeply

Meat consumption per capita, kilograms, average 2010–12 (estimate), and 2022 (forecast), in the BRICS countries (Brazil, Russia, India, China and South Africa)

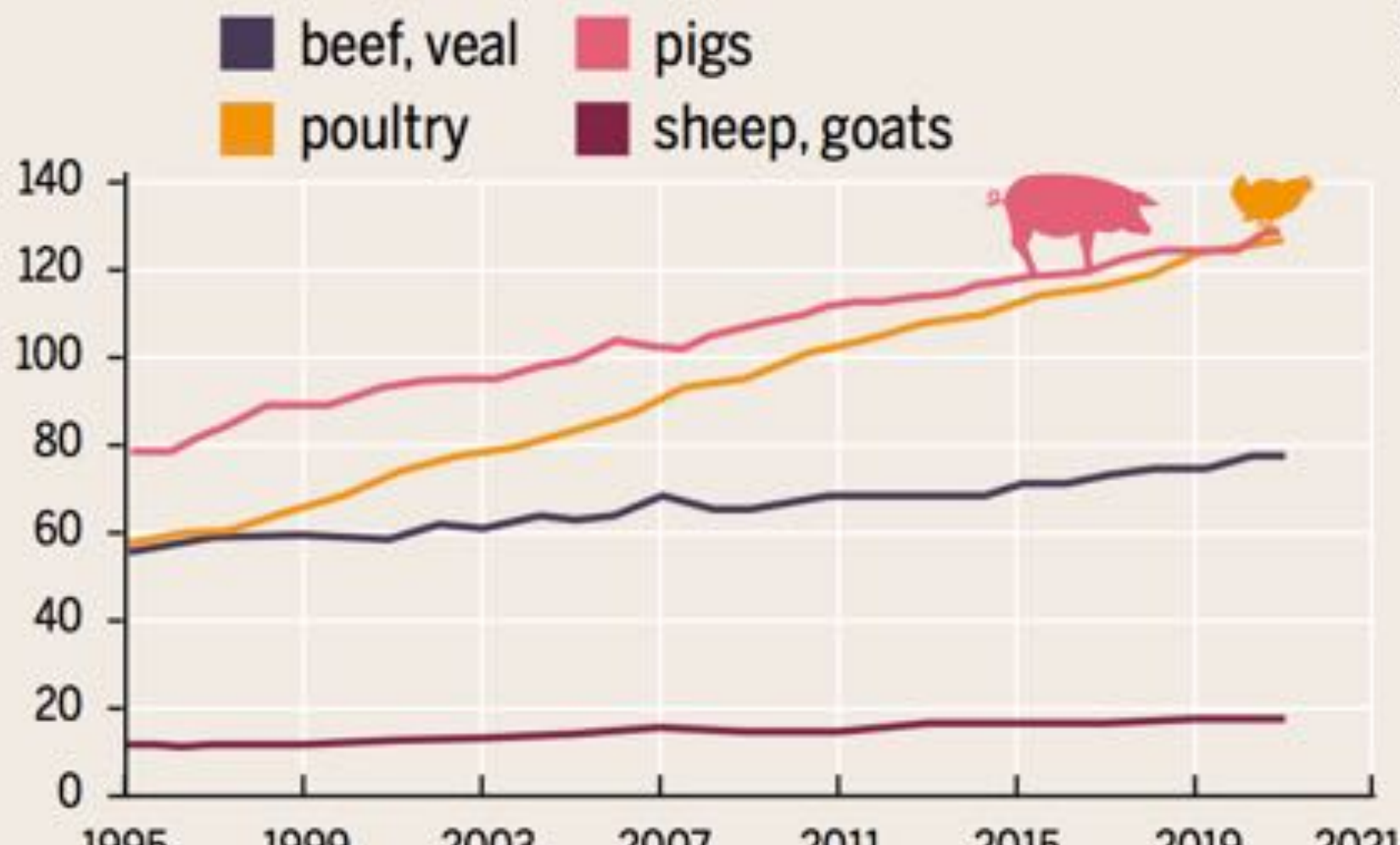
OECD/FAO



Small animals in big groups – poultry take off

Meat production, trends and forecast, in million tonnes

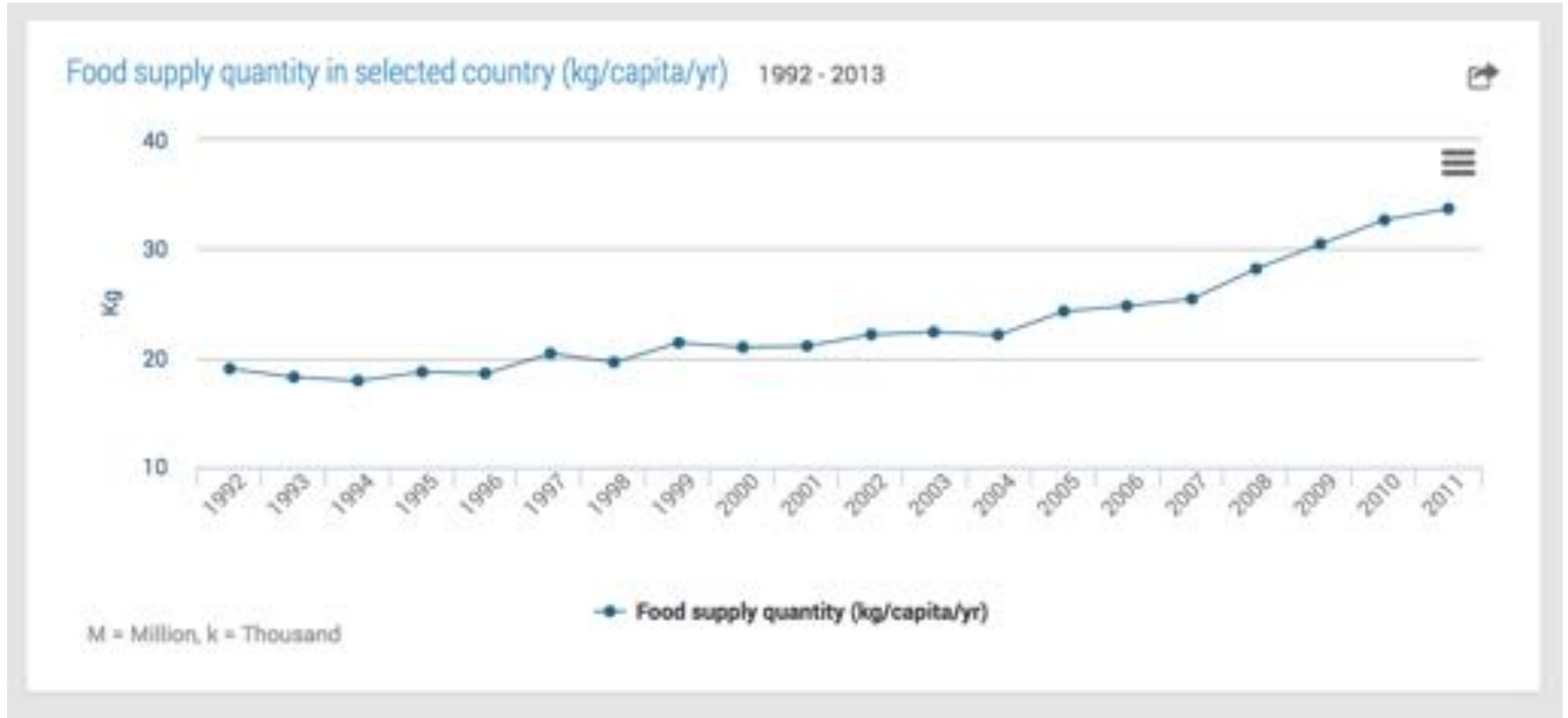
OECD/FAO



MOROCCO

Food Balance / Food Supply - Livestock and Fish Primary Equivalent

ITEM	AREA	FROM YEAR	TO YEAR	AGGREGATION
Meat	Morocco	1992	2013	Average



FACTORY FARMING



Photo courtesy of Farm Sanctuary

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Photo courtesy of Farm Sanctuary

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Photo courtesy of Farm Sanctuary

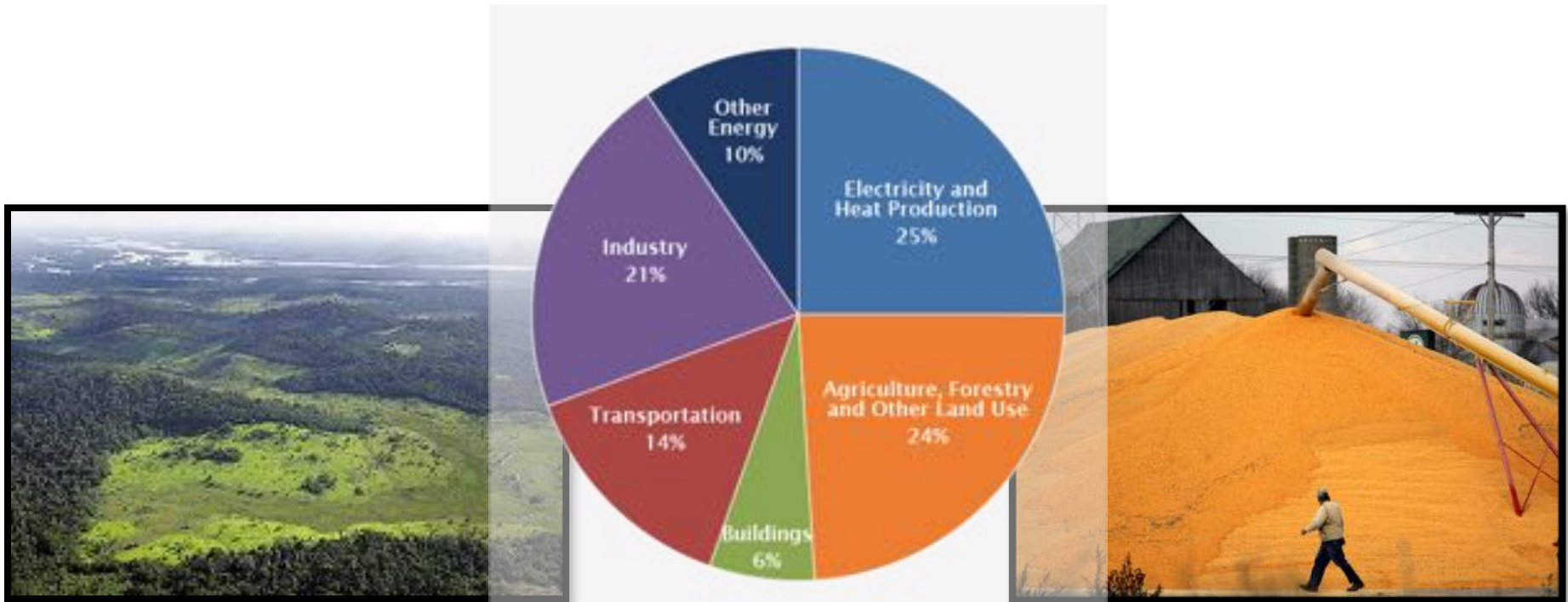
NORTH CAROLINA (U.S.) – OCTOBER 2016



Photos courtesy of Jian Yi and Caroline Wimberly/Brighter Green

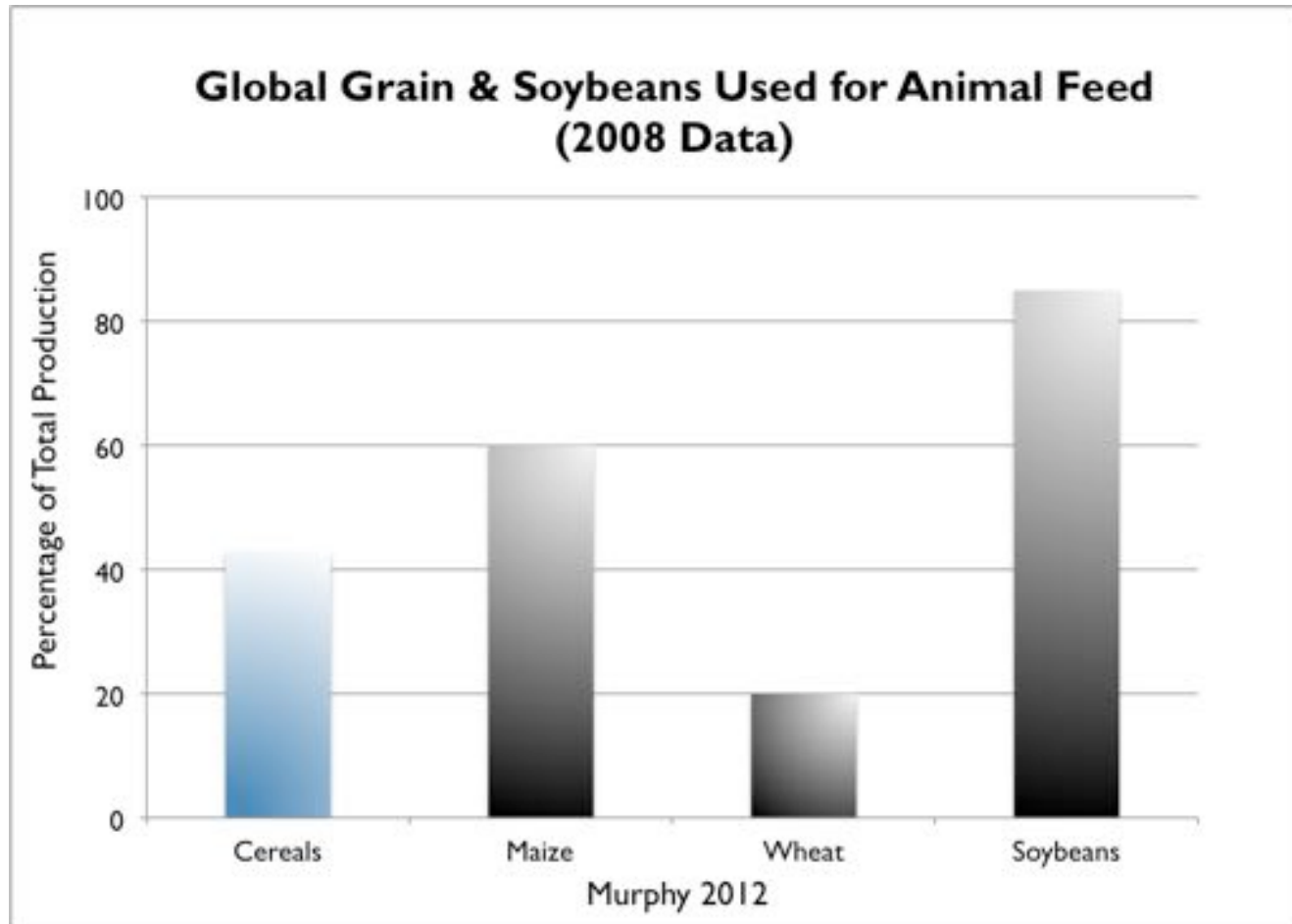
TO CLIMATE, FOOD MATTERS A LOT

- Estimated **one-quarter** of all human-caused greenhouse gases (GHGs) result from agriculture and changes in land-use related to the production of crops *and* farmed animals



Source: [IPCC](https://www.ipcc.org/), 2014 (using 2010 data)

FOOD FOR ANIMALS VS HUMANS



FUTURE CLIMATE SHOCK

- If consumption of animal products continue on current trajectory, by 2050 there will be 120 billion farmed animals raised each year, and the agricultural sector will emit 20 gigatonnes of CO₂ equivalent
- Emissions of **23 GtCO₂e** = **total** possible for 2°C pathway

WAYS FORWARD

- Promote alternative visions & public policies (Food security and sustainability for all vs. creation of meat-centered diet/intensive animal ag.); governance is way behind
- Make multi-pronged case & alliances; embed in climate change, development, food/hunger/ag. & sustainability discussions/movements
- Need demand & supply side efforts & campaigns (South and North linkages)
- Bold thinking post-Paris COP21: policy, public education, media, industry, i.e., “deforestation-free” supply chains

MARKET BASED SOLUTIONS

- Plant-based meat analogues



THANK YOU!

- Follow/like Brighter Green to stay in touch



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Brighter Green



BrighterGreenNY



BrighterGreenNY

- COP 22 Updates
- China outreach projects
- Public Health & the Western Diet discussion paper