



**FOR IMMEDIATE RELEASE**

**Contact:** James Lorenz

**Email:** [james@pr-arc.com](mailto:james@pr-arc.com)

## **Asia's growing appetite for meat and seafood a recipe for environmental destruction**

**[Singapore, 4<sup>th</sup> September 2018]** Population growth and rising incomes across Asia will drive a 78% increase in meat and seafood consumption by 2050, according to a new report by Asia Research & Engagement (ARE) released today at the [Sustainable Food Summit in Singapore](#).

The report, which examines the environmental effects of meeting Asia's growing demand for protein, discloses for the first time the dramatic impact on water, land-use, anti-microbial use and the climate.

Specifically, the report finds that between 2017 and 2050:

- Greenhouse gas emissions will rise 88% from 2.9 billion tonnes of CO<sub>2</sub> to 5.4 billion tonnes per year – equivalent to 95 million cars' lifetime emissions
- A land mass the size of India will be required to accommodate food production with land usage rising 81% from 3.9 million km<sup>2</sup> to 7.1 million km<sup>2</sup>
- Water use will rise 83% to 1,054 billion m<sup>3</sup> from 577 billion m<sup>3</sup> per annum
- Antimicrobial use will rise 44% growth from 27 thousand tonnes to 39 thousand tonnes per annum, raising risks of antibiotic resistance

	<b>2017</b>	<b>2030</b>	<b>2050</b>	<b>Growth from 2017-30</b>	<b>Growth from 2017-50</b>
<b>GHG</b> (billion tonnes CO <sub>2e</sub> )	2.9	3.9	5.4	34%	88%
<b>Water</b> (billion m <sup>3</sup> )	577	777	1,054	35%	83%
<b>Antimicrobials</b> (thousand tonnes)	27	33	39	22%	44%
<b>Land</b> (million km <sup>2</sup> )	3.9	5.2	7.1	33%	81%

Serena Tan, lead author of the report, said: “Unless we rapidly chart a more sustainable path together, the growing Asian appetite for meat and seafood is a recipe for environmental destruction.”

“This report aims to provide a baseline for regulators, the meat industry, and finance to understand critical problems in meat production and prioritise solutions.”

The report also charts a range of potential solutions both in terms of demand and supply to forge a path to more sustainable protein. These include making use of improved farm technology, stronger sustainability policies from multinational food corporations and more effective regulation, monitoring and enforcement from governments.

Robert Appleby, a Founder and Partner of ADM Capital, said: “the potentially devastating climate, land and water impacts, coupled with the excessive and damaging use of antibiotics and concurrent health consequences, offer many reasons to improve the sustainability of protein production in Asia.”

“We have an opportunity today to make sure there are secure and safe alternatives that can feed Asia’s hunger for growth.”

**Read the report: [LINK](#)**

**If you would like more information about this topic, please contact James Lorenz at [james@pr-arc.com](mailto:james@pr-arc.com) or Ben McCarron at +65 8299 6852, or email [ben.mccarron@asiareengage.com](mailto:ben.mccarron@asiareengage.com).**

The report was sponsored by the **ADM Capital Foundation (ADMCF) and ADM Capital’s Cibus Fund**. ADMCF is an impact driven foundation focused on making change in Asia. Through research, they identify environmental challenges then work **towards solutions across five key areas: marine ecology, water security, air quality, wildlife trade and forestry conservation finance**.

***Asia Research Engagement (ARE)*** is a sustainable investment consultancy. They integrate sustainability and governance considerations into risk processes for investors, banks, and companies, often in partnership with foundations and not-for-profits. Clients benefit from a network of partners and researchers across Asia that provide analysis of the financial relevance of these issues.