

Candy and Poisons: Thoughts on Protecting Marine Environments While Meeting Societal Needs

Daniel Rittschof

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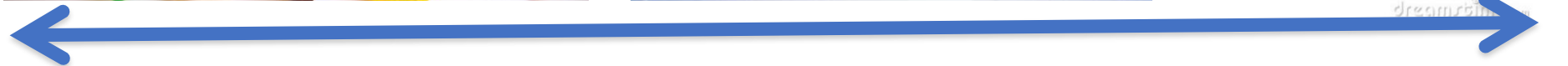


Fire is Everywhere





Credit: Jurnasyanto Sukarno—epa/Corbis



Candy

Poison

Qingdao, China 2013





Human Waste
Animal Waste
Industrial Fertilizer

Fertilizer

Water

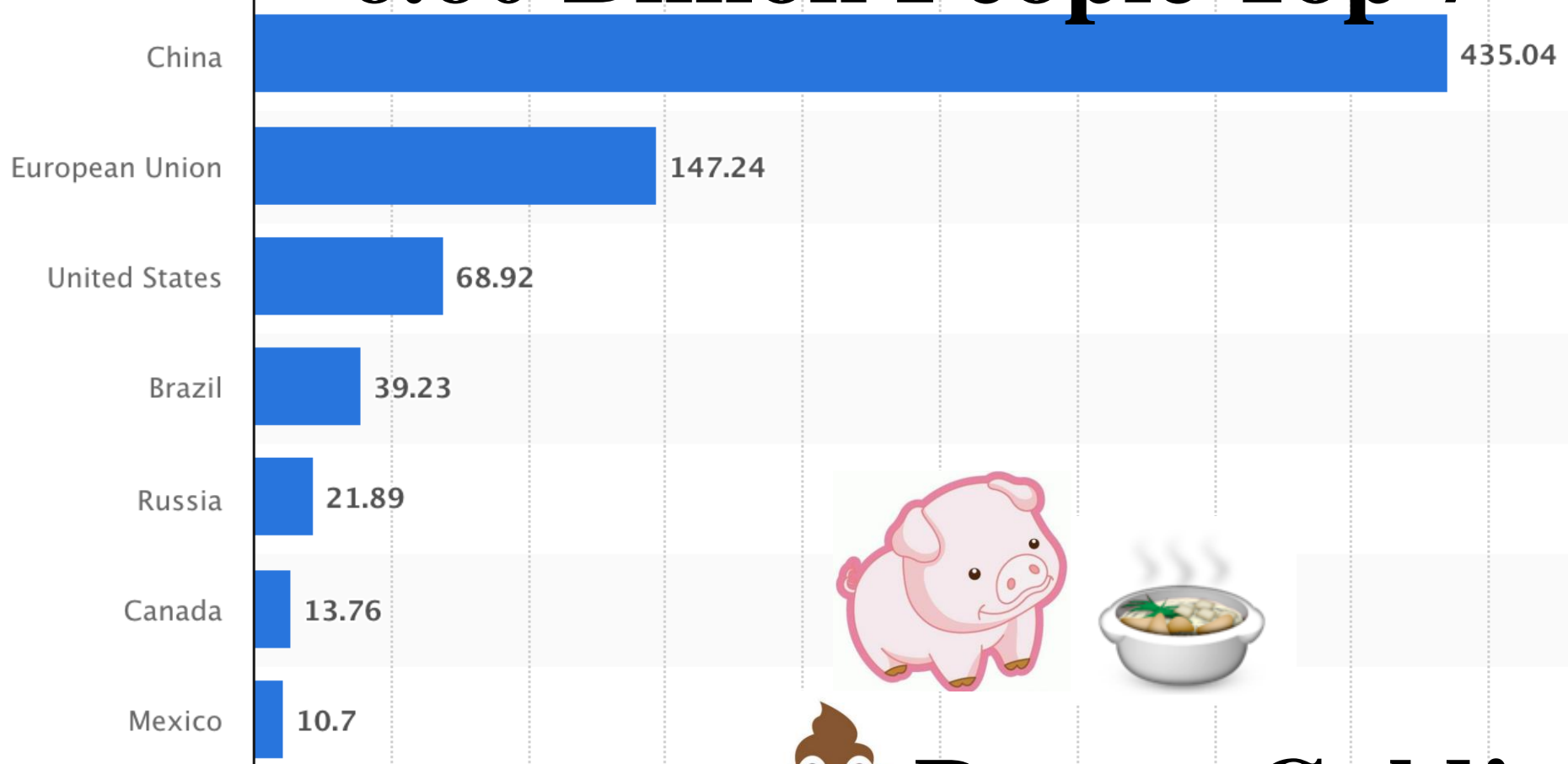
Waste



1 PIG = Waste 10 PEOPLE

Pigs \approx 4.35 Billion People in China

\approx 6.60 Billion People Top 7



Brown Gold!

Engineering Solution

Waste Water

Pathogens

Poisons



Water



Poison



Fire



Fertilizer

The image features a monochromatic blue color scheme. In the upper right, a single, perfectly spherical water droplet is suspended in mid-air, its surface reflecting light. Below it, the surface of water is disturbed by several ripples. A prominent ripple in the lower right foreground shows a clear, concentric pattern of waves. To the left of this ripple, another water droplet is shown in the process of merging with the surface, creating a small splash. The overall composition is clean and minimalist, emphasizing the fluidity and interconnectedness of water.

We Can Fix
What We Break

Needs

Clean Food

Clean Water

Clean Air

**What can We do for
Marine Environments?**

Asia Pacific Region as Leaders

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