

Trump Proposes to Slash Climate Change Funding as Extreme Heat and Weather Patterns Continue to Cause Concern

Environmental Advocates and the Scientific Community Call for Solutions to Reduce Greenhouse Gases in order to Counter Global Warming. Power Knot's LFC (Liquid Food Composter) Offers Companies the Opportunity to Go Green and Save on Waste Removal.

(San Jose, CA) April XX, 2017 – With 2016 being the hottest year on record, and extreme weather patterns becoming more and more prevalent, evidence is mounting that global warming is becoming a major problem.¹ In the United States, half the country now identifies as “concerned believers” – people who accept climate science and are worried about addressing it.² Consensus within the scientific community overwhelmingly points to human activity as the cause of climate change: 97 percent or more of actively publishing climate scientists agree humans are the cause of global warming.³ Environmental leaders and green entrepreneurs, like Iain Milnes of Power Knot, are looking for ways to reduce the greenhouse gas emissions that are responsible for global warming.

“We need to spend much more on researching climate change and ways to combat it to stay on top of rapidly changing conditions,” says Milnes. “Unfortunately, the already meager investment on climate research and observation is being threatened by the current administration.”

The Trump administration is proposing a significant cut to funds earmarked for the environment, including the budgets for climate change, pollution clean-ups and energy efficiency programs.⁴ Current plans would dismantle the Clean Power Plan to reduce greenhouse gas emissions from coal burning power plants and defund climate research and partnerships.^{2,4,5} Proposed budget reductions include a \$2.6 billion cut for the Environmental Protection Agency (EPA) in 2018 and a loss of \$330 million in hazardous waste clean-up initiatives.⁴

Critics of the proposed budget cuts emphasize the impact climate change may have on our health and wellbeing.^{4,5} According to the World Health Organization (WHO), between 2030 and 2050, climate change will cause an estimated 250,000 deaths per year from malnutrition, infectious disease and heat stress.⁶ Deadly heat waves, changes in precipitation and natural disasters resulting from global warming will affect access to clean air, safe drinking water, nutritious food and safety and security.⁷ Because outcomes may be dire, the U.S. Department of Defense has identified climate change as potentially destabilizing force.⁵

Greenhouse gases produced from organic waste and the burning of fossil fuels are responsible for creating a greenhouse effect in Earth’s atmosphere. Greenhouse gases, such as carbon dioxide and methane, slow the loss of heat to outer space making the Earth progressively warmer.⁸ To reduce this warming effect, human production of greenhouse gas emissions must be lowered.

Methane, produced from the decomposition of food and other organic materials, dominates the make-up of greenhouse emissions in waste.⁹ Companies large or small can reduce the amount of organic waste they send to the landfill by using Power Knot's LFC. The LFC is a bio-digester that uses microorganisms to break down food without the pollution associated with the breakdown of organic material in a landfill. The LFC will also significantly reduce the amount spent on waste removal.

As the biggest per capita producer of greenhouse gases in the world, the U.S. is in a good position to lead global efforts to curtail emissions.² "Many in the U.S. have accepted the challenge to live in a greener way," adds Milnes. "Companies, too, are supporting efforts to reduce greenhouse gas emissions. I hope that our LFC can help corporations reduce their carbon footprint, improve their bottom line and gain accolades in the court of public opinion."

About Power Knot's LFC:

Power Knot's LFC is sold globally to organizations that need to dispose of waste food. It saves organizations, the cost, mess, inconvenience, and carbon footprint of sending that organic material to a landfill. The LFC is available in seven sizes to suit a variety of users and can usually pay for itself in 24 months or less. The LFC can generate goodwill with the growing number of environmentally-conscious consumers and this clean technology will continue to help advance the global movement toward sustainability and zero waste.

About Power Knot:

Power Knot, with its headquarters in San Jose, Calif., provides innovative solutions for commercial, industrial, and military customers seeking to reduce their carbon footprint. The company is profitable, and designs, develops and manufactures its products in Silicon Valley.

Its LFCs (Liquid Food Composters) are high-quality, technologically-advanced bio-digesters capable of rapid digestion of most organic materials. LFCs create a safe and economical resolution for customers looking to address their carbon footprint by diverting waste food from landfills and by reducing emissions related to the transportation of waste. LFCs represent long-term performance and sustainability for any organization. LFCs typically have a payback period of six to 24 months, based on reduced waste and costs of waste disposal. For more information, access <http://www.powerknot.com>.

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