

South Korean Toilet Turns Poo Into Green Energy and Pays Its Users Digital Cash



By [Elias Marat](#) | [The Mind Unleashed](#)

What if your morning #2 not only powered your stove to cook your eggs but also allowed you to pay for your coffee and pastry on the way to class?

It seems like an absurd question, but one university in South Korea has invented a toilet that allows human excrement to not only be used for clean power but also dumps a bit of digital currency into your wallet that can be exchanged for some fruit or cup noodles at the campus canteen, reports [Reuters](#).

The BeeVi toilet – short for Bee-Vision – was designed by urban and environmental engineering professor Cho Jae-weon of the Ulsan National Institute of Science and Technology (UNIST), and is meant to not only save resources but also

reward students for their feces.

The toilet is designed to first deliver your excrement into a special underground tank, reducing water use, before microorganisms break the waste down into methane, a clean source of energy that can power the numerous appliances that dorm life requires.

“If we think out of the box, feces has precious value to make energy and manure,” Cho explained. *“I have put this value into ecological circulation.”*

The toilet can transform approximately a pound of solid human waste – roughly the average amount people poop per day – into some 50 liters of methane gas, said Cho. That’s about enough to generate half a kilowatt-hour of electricity, enough to transport a student throughout campus for some of their school days.

Cho has even devised a special virtual currency for the BeeVi toilet called Ggool, or honey in Korean. Users of the toilet can expect to earn 10 Ggool per day, covering some of the many expenses students rack up on campus every day.

Students have given the new system glowing reviews, and don’t even mind discussing their bodily functions at lunchtime – even expressing their hopes to use their fecal credits to purchase books.