

BY THE NUMBERS: Solar Toilet

2.5 BILLION*	<i>Number of people around the globe without access to sanitary toilets, which results in the spread of deadly diseases</i>
1.5 MILLION*	<i>Number of people, mostly under the age of five, who die each year from diarrheal diseases</i>
\$100,000	<i>Money for additional development of a solar toilet, awarded to James Irvine Professor of Environmental Science Michael Hoffmann and colleagues by the Gates Foundation for winning its Reinvent the Toilet Challenge</i>
\$0.05	<i>Cost, per user per day, of Hoffmann's solar toilet</i>
50 GALLONS	<i>Amount of fake feces (made from soybeans and rice) brought in for the demonstrations that were part of the Gates challenge, held last summer in Seattle</i>

**Source: The Bill and Melinda Gates Foundation*