

**From:** [Alex Bistrika](#)  
**To:** [Sur, Peter](#)  
**Cc:** [ask@bistrika.com](mailto:ask@bistrika.com)  
**Subject:** VII - 1 testimony  
**Date:** Tuesday, September 27, 2022 8:45:56 AM

---

Dear Peter,

Although I cannot agree with many current approaches in waste management on island, I understand how absolutely critical this endeavour is for both our quality of life and preservation of our island paradise. Let Kauai be the example; now racing to solve an imminent landfill disaster with less than 5 years to critical capacity and overflow. There are many solutions available and a handful of companies in the know about a truly sustainable way forward.

Unfortunately, procrastination— due to the sloth-like nature of government protocols— is winning out. Despite the huge land area on our island (of Hawaii) a pure landfill model cannot be sustained. Rapid breakdown of common materials, reconstruction of waste products, and chemically engineered synthetics from our waste can, not only make local waste management sustainable, but profitable.

This funding opportunity can be an incentivised gateway for the innovation we need. Or even the financial push for many available technologies (E.g. synthetic fuel generation by pyrolysis and electrochemical means, raw battery materials production, sustainable recycled plastics production, etc.) to become a reality locally. A reality that I have witnessed to be deemed insignificant by the county in the past; in my five years on island I have tried to get involved several times in different capacities to no avail. It seems to me that the county feels that bringing on experts is not important. If the county has a good and unwavering collective of advisors and expert employees, why does it make poor decisions in the future of our island (and policy— not all bad of course)?

Kindest regards,

Dr. Alexander Bistrika  
DBA Bistrika  
Big Island Hawaii  
Cell: (541) 829-3166  
[Alex@bistrika.com](mailto:Alex@bistrika.com)

This message is intended for the use of the individual or entity to whom it is addressed and may contain work-product information that is privileged, confidential, and exempt from disclosure under applicable law which may include the Electronic Communications Privacy Act, 18 U.S.C. 2510-2521. If you are not the intended recipient or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you receive this e-mail in error, please notify the sender immediately by reply e-mail or by telephone at 541.829.3166 and immediately delete/destroy this message and all attachments without further review or distribution. Thank you.