

# Gasifier Experimenters Kit

Pushing wood gas beyond the Imbert

- ABOUT
- GASIFICATION BASICS
- REACTOR OPTIONS
- GALLERY
- COMMUNITY
- TEST REPORTS
- DOWNLOADS
- PURCHASE
- MANUFACTURING
- PRESS

Prime Time for GEK in Tuvalu  
 GEK goes to University  
 Maker Faire 2009  
 GEK: The new Altair 8800?  
 Personal Energy Robot:  
 GEK v3.0



### Wiki Updates

jay added Open-top down-draft gasifier  
 jay uploaded  
 jay edited Practical Engineering  
 jim mason edited v3 Cyclone  
 jim mason edited Insulation Data



« GEK goes to University

## Prime Time for GEK in Tuvalu

We were thrilled to get these photos via email recently. It shows Madame Sikinala Ielemia, wife of Tuvalu Prime Minister Apisai Ielemia, watching a demonstration of a GEK Version 2.0 running on coconut shells.



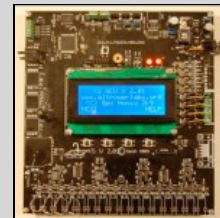
The GEK was purchased and imported by the NGO Alofa Tuvalu, which is working to help the small Pacific Ocean atoll nation find a way to use locally available resources for energy, instead of importing petroleum.



And here's a look at the fuel they were using. Coconut shells are common among the nine islands of Tuvalu, and properly gasified can release energy that can offset the need for some of those imports, with the added benefit of some leftover biochar which can be used to supplement the staple root crops of their diet. As one of the world's first countries likely to cease to exist unless we can stop the rising tides of climate change, Tuvalu has a pressing interest in these issues, and we're happy to play a small role in helping. We'll keep you posted on their progress

(A side note: a member of our team, Tom Price, was the first US journalist to report on Tuvalu's fight with the rising tides of climate change, back in 2003. You can read some of his reporting here. )

### NEW! GEK Add-ons:



NEW Gasifier Control Unit (GCU)



NEW Fuel Feed Auger



New PyroCoil

GEK™ kits, parts and packages

Free temperature, pressure, and moisture instruments with every kit





GEK™ kits, parts and instrumentation packages

Share This:

- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 

Posted June 19th, 2009 under Uncategorized. Tags: Tuvalu RSS 2.0 feed. Leave a response, or [trackback](#).

Leave a Reply

Name (required)

Mail (will not be published) (required)

Website



All gasifier plans on this site are distributed under the Creative Commons Attribution-Noncommercial-Share Alike License

Gasifier Experimenters Kit is powered by WordPress - Theme by BytesForAll Web Hosting & Design Entries (RSS) and Comments (RSS).