

## Breathtaking!

A single breath into a newfangled breathalyzer is all doctors need to diagnose 17 different diseases, including lung cancer, irritable bowel syndrome and multiple sclerosis, a new study found.

Researchers invited about 1,400 people from five different countries to breathe into the device, which is still in its testing phases. The breathalyzer could identify each person's disease with 86 percent accuracy, the researchers said.

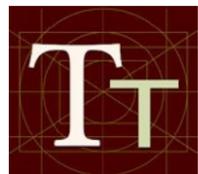
The technology works because "each disease has its own unique breathprint."

The breathalyzer analyzes microscopic compounds — called volatile organic compounds (VOCs) — to detect each condition. Testing for VOCs isn't a new approach; in 400 B.C., physicians learned that smelling a patient's bodily emissions could help with diagnoses. For instance, doctors used to smell the stools and urine of infant noblemen daily, the researchers said.

But while excrement and other bodily substances, such as blood, contain VOCs, examining exhaled breath is the cheapest, easiest and least invasive way to test for the compounds, the researchers said.

—ACS Nano

## A Mobile App for the Greek Archaeological Topos



ToposText is an indexed collection of ancient texts and mapped places relevant to the history and mythology of the ancient Greeks, from the Neolithic period up through the 2nd century AD. Topos of course is the etymological root of the English word "topography."

ToposText was designed as an application for mobile devices.

Opening it presents a scrolling alphabetical list of 5000+ Greek cities, colonies, sanctuaries, archaeological sites, museums, and other points of interest, side-by-side with a location-aware map showing the nearby places by name, icon (city, sanctuary, theatre), and the number of ancient references in the TT database. The texts and index and a basic map are stored on the device and requires no Internet connection.

ToposText Was developed by Brady Kiesling with the support of the Aikaterini Las-karidis Foundation.

<http://topostext.org/>

## Archaeology MA, in English, in Athens

For those interested in mastering archaeology, a one-year postgraduate program, taught entirely in English, is offered at the National and Kapodistrian University of Athens. The program, Greek and Eastern Mediterranean Archaeology, is devoted to the advanced study of archaeology of Greece and the wider area of the Aegean, as well as Cyprus and the Eastern Mediterranean, including Mesopotamia. The program runs for 12 months, September to October, with applications accepted from January 1 until May 31. While ideal for archaeology graduates, the program is also suitable for those with a degree in humanities, classics and other related subjects, who wish to prepare for doctoral research, to pursue a career in commercial archaeology.

## ATHENS TOURISM PARTNERSHIP



Athens Mayor Yiorgos Kaminis announced the Athens Tourism Partnership. The City of Athens, Aegean Airlines and the Athens International Airport are uniting forces having a common objective: promoting Athens as a modern cultural center and attractive tourist destination throughout the year.

The first initiative is a new campaign, "One City. Never Ending Stories," aiming at showcasing the Athenian experience. The campaign focuses on promoting Athens as a city that offers countless options. A city full of stories, pictures and experiences. The main video campaign captures the many, known and unknown, aspects of Athens: in just one minute, 51 images of the city unfold, 51 experiential moments of a city that has something unique to offer all year round.



## GREEK LIQUID GOLD— A New Resource on Olive Oil

An American living with her Greek husband in Crete has created what may be the first independent English-language website focused on the Greek olive oil world. Greek Liquid Gold: Authentic Extra Virgin Olive Oil ([greekliquidgold.com](http://greekliquidgold.com)) does not sell olive oil, but informs consumers, cooks, healthy eaters, importers, buyers, travelers, and olive oil lovers about its high quality, homeland, and health benefits.

Complete with recipes, photos, olive oil business news, and information about olive oil production and the Mediterranean diet, Greek Liquid Gold aims to help the ailing Greek economy by highlighting one of its key exports. Gaea CEO Aris Kefalogiannis called the Greek Liquid Gold website "an excellent source of information and news on Greek extra virgin olive oil."

A former English professor, Lisa Radinovsky teamed up with Dimitris Doukas, a Princeton-educated Greek computer scientist, and his team at Twin Net Information Systems Ltd. in Athens to launch this website.

Researching and writing about Greek olive oil business news for *Olive Oil Times*, Radinovsky had searched in vain for a comprehensive, up-to-date English-language source on her topic. Struck by Greeks' use of olive oil in most of their cooking and baking and impressed by their efforts to produce and export a high quality product during the economic crisis, she established the information source she couldn't find.



## Dealing with Food Waste

Around 88 million tons of food are wasted annually in the EU — around 20 percent of all food produced, with associated costs estimated at 143 billion Euros. The EU is looking for every opportunity to prevent food waste and strengthen sustainability of the food system.

### WHAT IS FOOD WASTE?

Food waste is waste generated in the production, distribution and consumption of food. To fight food waste the European Union needs to understand where we lose food, how much and why. This is why, as part of the Circular Economy Package adopted in 2015, the Commission will elaborate a methodology to measure food waste. This methodology will illustrate, in the light of EU definitions of "food" and "waste," what material is regarded as food waste and what is not, at each stage of the food supply chain. Consistent measurement of food waste levels in the EU and reporting will allow Member States and actors in the food value chain to compare and monitor food waste levels and thereby assess the effectiveness of food waste prevention initiatives.

WWW.

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## FINANCIAL SUPPORT FOR SMES AND EMPLOYMENT

The European Investment Bank (EIB) launched a one billion Euro credit line to Greek banks to be channeled to small- and medium-size companies and firms promoting youth employment. The first agreements with commercial lenders Alpha Bank, Eurobank, National Bank of Greece and Piraeus Bank were signed in Athens in December for 400 million Euros, equally split between the four. The remaining 600 million Euros in the program will be allocated over the next two years, provided the banks absorb and channel the first tranche to businesses. The loans will be used by Greek banks for on-lending to SMEs and MidCaps active in the agriculture, tourism, manufacturing, services and other sectors, the EIB said.