FIBL – APRIL PREDICTION 10

#108 Rebuilding Soils

Rebuilding carbon-rich agriculture soils is the only real productive, ... solution to taking excess carbon dioxide from the atmosphere. She's ..... that scientists and politicians don't see the same opportunities she sees. This year Australia will ..... just over 600 million tonnes of carbon. We can sequester 685 million tonnes of carbon by soil carbon by ..... half a percent on only 2% of the farms. If we increased it on all of the farms, we would sequester the ..... world's emissions of carbon.

#105 Entrepreneurs

Why do we need more entrepreneurs right now? The entrepreneurs who create and run our businesses, who play by the rules, are in fact critical to our ..... as a nation. We need them especially today. Business, not government, will end this ..... Government must help by creating fair rules, ... monetary policy, and by protecting our fellow citizens in periods when they are jobless. We have to make way for the new entrepreneurial firms that will push us to ..... of innovation.

#99 Nanotechnology

What is nanotechnology? Well, a report that was put together by a ..... of the Royal Society and the Royal Academy of Engineering that came out last summer, ... two topics. Nano-science is the study of ..... and the manipulation of materials at atomic, molecular and ..... scales, where properties differ significantly from those as a larger scale. Nanotechnologies are the design, characterization, production and application of ....., devices and systems by controlling shape and size at the nanometer scale. So I'll talk a little bit more in a moment about what a nanometer is, but ..... speaking people think of nanotechnologies as being a sort of a hundred nanometers or less.

LIVEWORKSHEETS

#96 Financial Markets

Financial markets swung wildly yesterday in frenzied trading market by further selling of ..... and..... about an unraveling of the global carry trade. At the same time trading in the European credit markets in London was exceptionally ..... for a third consecutive day. London trading was marked by particularly wild ..... in the prices of credit derivatives, used to ensure investors against ..... defaults.

#95 Oceanographer

For many years the favorite horror story about ..... climate change was that a shift in ocean currents could ..... .cool Europe's climate. These currents, called the overturning ..... bring warm water and warm temperatures north from the equator to Europe. Susan Loosier, an ..... at Duke University, says scientists have long worried that this ocean circulation could be disrupted.

#94 Beautiful Building

Along the way, we have built .....beautiful buildings, two of which have won and been runner-up in the prestigious United Nations World ..... Award: the first time an Australian building has received that international honor. We rely on older ..... of Australian architecture that are heavily influenced by the bush. All residents have private verandas which allow them to ..... outdoors and also creates some "defensible space" between their bedrooms and public areas. We use a lot of ..... or soft materials and build beautiful landscaped gardens.

LIVEWORKSHEETS