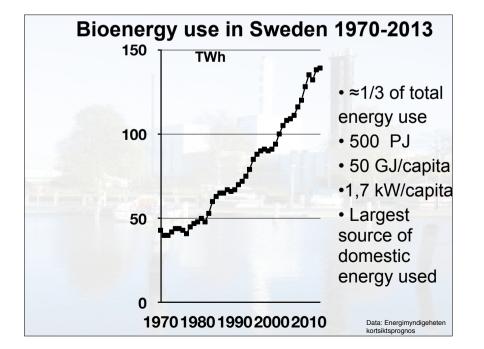
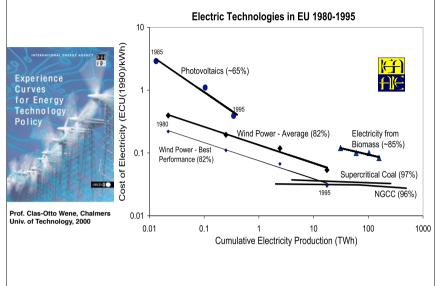
From German *Energiewende* to Global Energy Transition: Costs Matters! Helsinki 2015-03-30

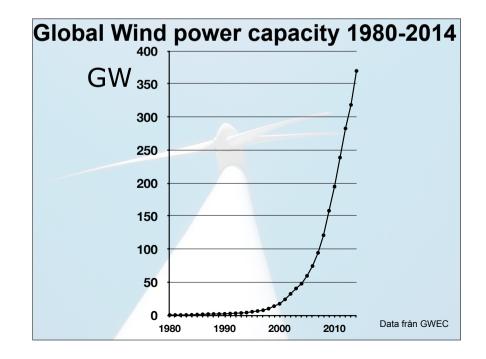
Tomas Kåberger

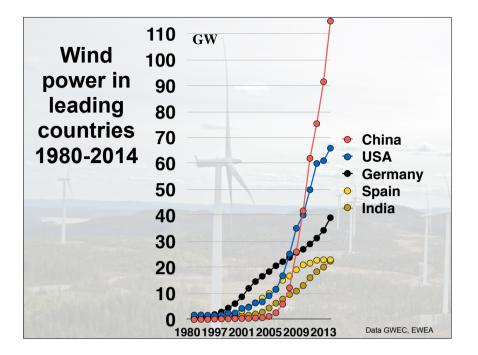
Professor of Industrial Energy Policy at Chalmers University of Technology visiting fellow/academy/professor at IAS TU München/IIIEE Lund Univ. / Zhejiang University Executive board chair Japan Renewable Energy Foundation

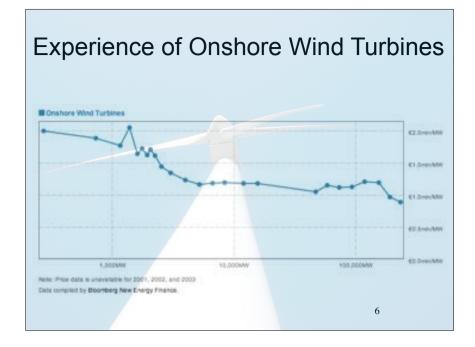


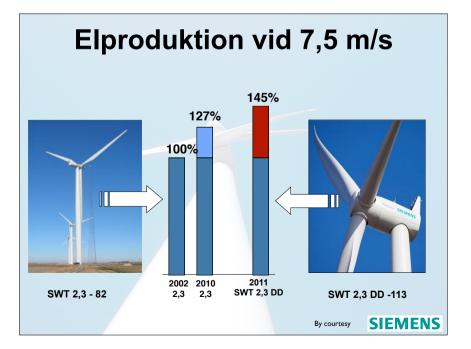
Industrial learning by experience



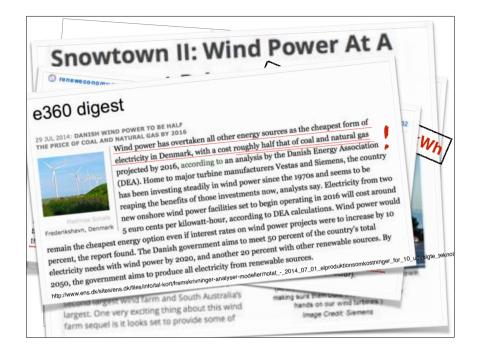


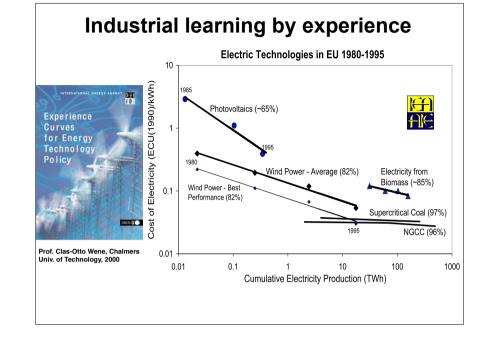


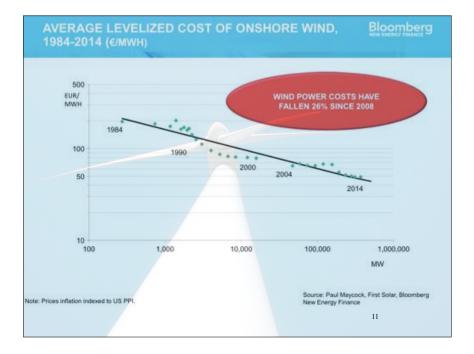


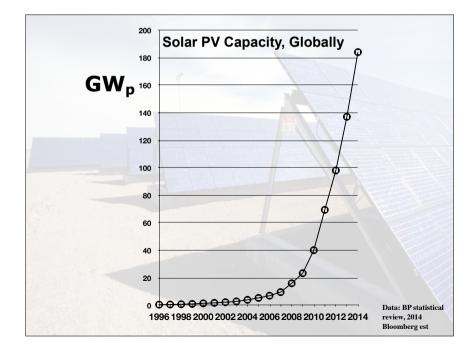


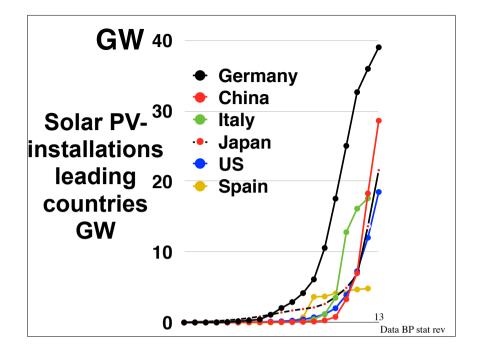


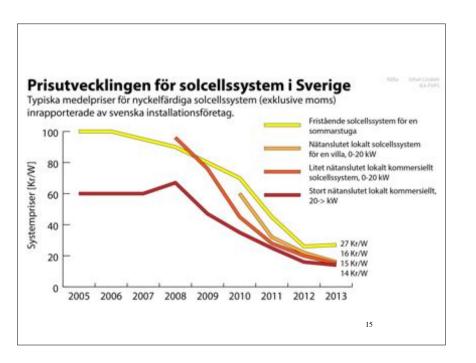


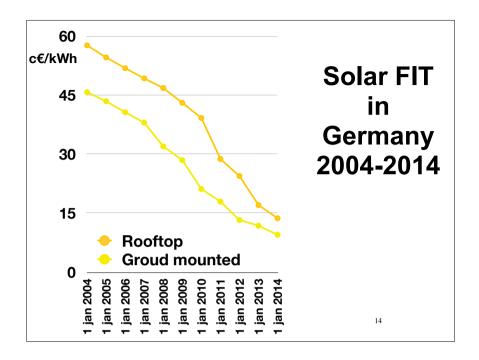


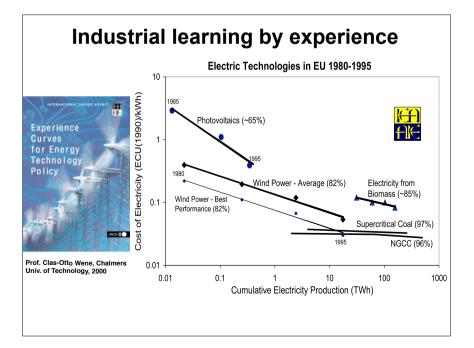


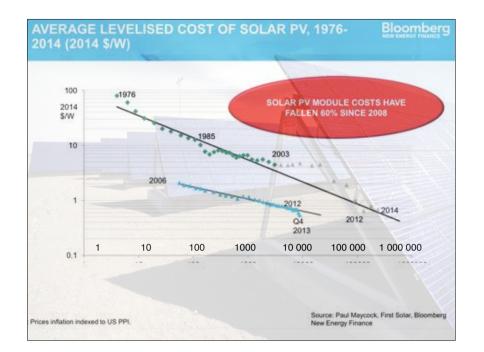


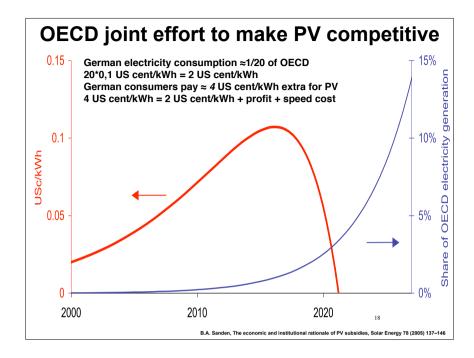








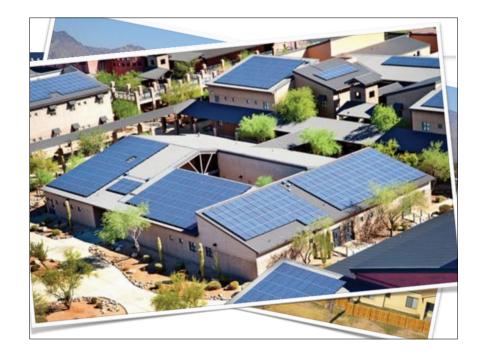




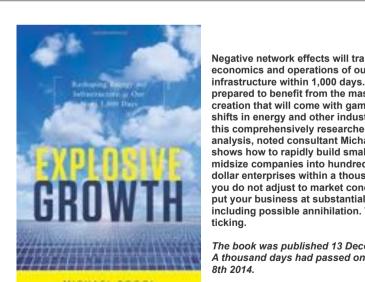


In Bangladesh, one solar rooftop is installed every minute!







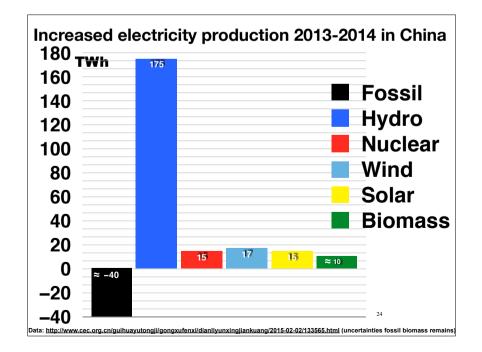


MICHAEL ROGOL

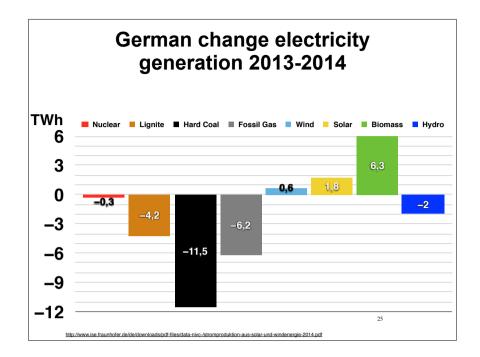
Negative network effects will transform the economics and operations of our infrastructure within 1,000 days. Are you prepared to benefit from the massive value creation that will come with game-changing shifts in energy and other industries? In this comprehensively researched economic analysis, noted consultant Michael Rogol shows how to rapidly build small and midsize companies into hundred-milliondollar enterprises within a thousand days. If you do not adjust to market conditions, you put your business at substantial risk including possible annihilation. The clock is

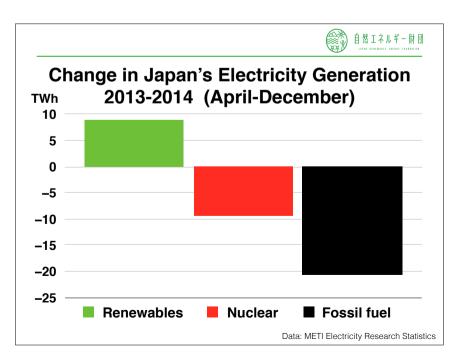
The book was published 13 December 2011. A thousand days had passed on September

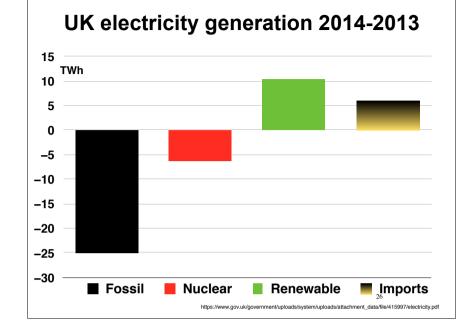


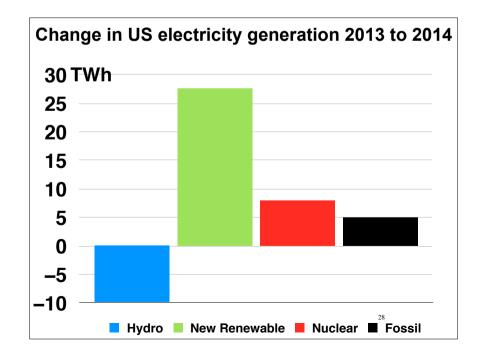


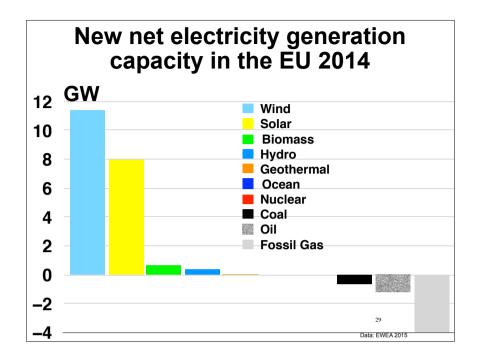
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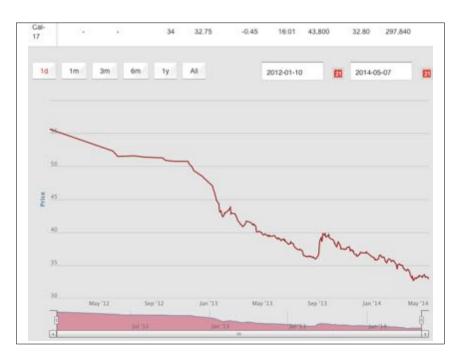


















Citibank: Utilities are dinosaurs waiting to die

By Jesse Berst Published October 10, 2013 Tags: Corporate Strategy, Energy & Utilities, More...



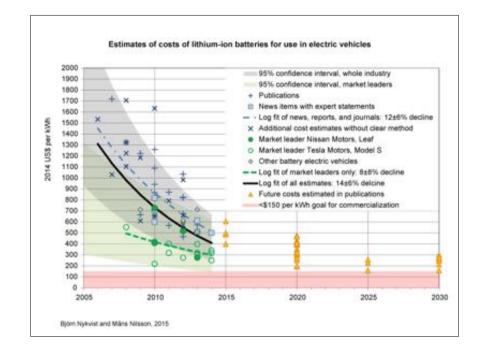
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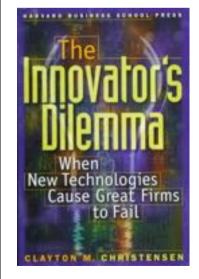
Today's electric power utilities could lose half their addressable market to energy efficiency, solar and storage, and other distributed generation, according to "Energy Darwinism – the evolution of the energy industry," a new report (PDF) from the investment banking arm of Citibark.

"Consumers face economically viable choices and alternatives in the coming years which were not foreseen five years ago," the analysts write.

According to REnewconcrry, the price fall of solar panels has exceeded all expectations, resulting in cost parity being achieved in certain areas much



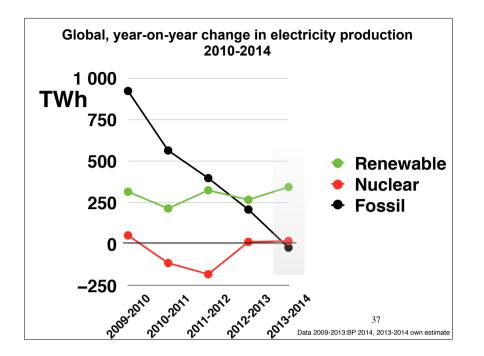
Disruptive innovations



Solar and wind power are too expensive...

Intermittent power is not sufficient...

Solar and wind do not fit our business model...





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Tomas Kåberger

Professor of Industrial Energy Policy at Chalmers University of Technology visiting fellow/academy/professor at IAS TU München/IIIEE Lund Univ. / Zhejiang University Executive board chair Japan Renewable Energy Foundation