

# **Podria la Nova Revolució Industrial afectar al futur de la meva empresa?**

Col·legi d'Enginyers Industrials de Catalunya  
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## January 2013



We also have the chance, right now, to beat other countries in the race for the next wave of high-tech manufacturing jobs.

My administration has launched two hubs for high-tech manufacturing in Raleigh and Youngstown, where we've connected businesses to research universities that can help America lead the world in advanced technologies. Tonight, I'm announcing we'll launch six more this year. Bipartisan bills in both houses could double the number of these hubs and the jobs they create.

**28 January 2014**





## FUND INFORMATION

On Feb 11 TDPIX 9.80 +0.82%

### Investment Objective

The Fund seeks long term capital appreciation through focused investment in global 3D printing and technology companies.

### Investment Strategy

The Fund will invest in equity securities issued by U.S. and non-U.S. 3D printing and technology companies. "3D Printing", or "additive manufacturing", produces three-dimensional objects from digital models. 3D Printing and technology companies include, among others, those in the manufacturing, biotech, computer software and hardware industries. In selecting securities for the Fund, the Adviser uses a "top down" approach to create a universe of securities in which the Fund may invest. The Adviser then employs a research oriented "bottom-up" investment approach to create the Fund's investment portfolio, focusing on company fundamentals and growth prospects when selecting securities.

### Fund Facts

### Class I (Institutional)

Fund Inception Date

January 28, 2014

To Invest:  
855-330-6225

### Email Updates

Want to learn more about the 3D Printing opportunity? Sign up now for our newsletter service to keep up to date.

Sign Up Now

USA : 28 January 2014

The UK Government's Industrial Strategy has led to a commitment of £14.7 million investment to develop 3D printing projects, UK Business Secretary Vince Cable announced yesterday. The [Technology Strategy Board](#), and [Research Councils](#) are investing £8.4 million into the projects, alongside an additional £6.3 million of private investment.



Mr Cable said: *"Investing in tomorrow's technology will bring jobs and economic growth throughout the UK. That's why last month the Government announced the biggest ever investment in the work of the Technology Strategy Board. With £440 million of funding they will support new manufacturing techniques to maintain the UK's position as a world leader in technology and design. This joint investment with the Research Councils highlights the commitment from across the sector to boost manufacturing in the UK."*

**June 2013**

# **Lessons in 3D printing and pupils aged FIVE taught computer programming in hi-tech new national curriculum**

- **David Cameron says new curriculum 'marks a new chapter' in education**
- **Michael Gove hopes it will stop UK's slide down international league tables**
- **Tougher lessons based on systems in Massachusetts and Singapore**
- **Five-year-olds to read aloud and learn computer programming**
- **9-year-olds to learn 12-times table and pupils aged 11 study Shakespeare**

**U.K. : July 2013**

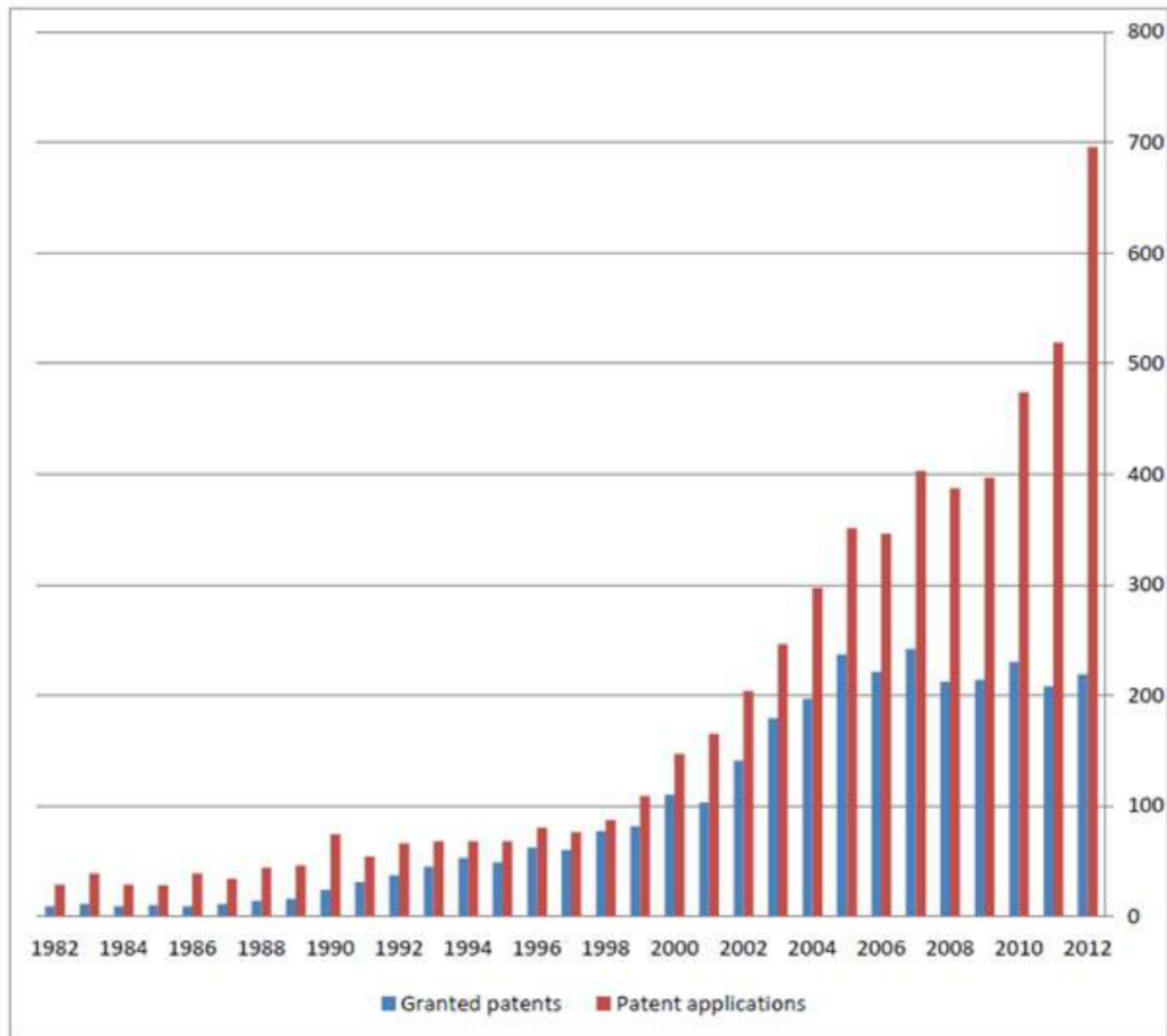


Figure 4: Comparison of granted patents and published patents applications by publication year

**“3D Printing. A Patent Overview.” - November 2013.**  
**UK Intellectual Property Office**



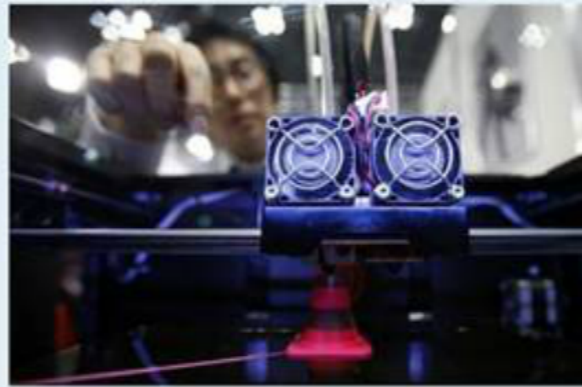


“Around the future: 3D printing for jewellery”  
Exhibition at Vicenzaoro  
January 2014



**TNO** innovation  
for life

## Japanese government to fund 3D printing in education



This summer, the Japanese Economy, Trade, and Industry Ministry (METI) will choose several universities and technical schools to receive a subsidy for two-thirds of their expenses related to the introduction of 3D printing technology into their schools. The ministry's plans include a goal to reach select middle and high schools by the 2015 fiscal year.

METI included 4.5 billion yen (about 44 million US Dollars) in the year 2014 budget to support research and development to manufacture metal products using 3D printing technology. METI pointed out that Japan is lagging behind in the area of 3D printing compared with U.S. and Europe. The minister hopes the funding will foster students' design and manufacturing skills to help Japan stay on top of technological trends in and developments in 3D printing.

**Japan : February 2014**

# Manufacturing group to build 3D printing innovation centers

The alliance plans to build 10 innovation centers for 3D printing technology in 10 cities in China in the near future, with a planned investment of 20 million yuan (\$3.3 million) for each center. The centers mainly aim to serve manufacturers, and the AMA is calling for fiscal policy support from the government.

China still lags behind the US in advanced manufacturing, such as 3D printing of turbine blades for jet engines, according to industry insiders who said good policies are the key to improving China's manufacturing competitiveness in general.

**May 2013**



# **Singapore Government to Invest \$500 Million in 3D Printing**

The government of Singapore will invest \$500 million over five years to boost the country's skills in advanced manufacturing, including in the rapidly emerging 3D printing industry.

This funding is part of the government's Future of Manufacturing (FoM) program aiming to get Singapore's manufacturing firms to embrace disruptive technologies such as 3D printing and Robotics, and new business models such as mass customization.

**Singapore : March 2013**