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2015 Roundup Of 3D Printing Market Forecasts And Estimates

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I cover CRM, Cloud Computing, ERP and Enterprise Software FULL BIO

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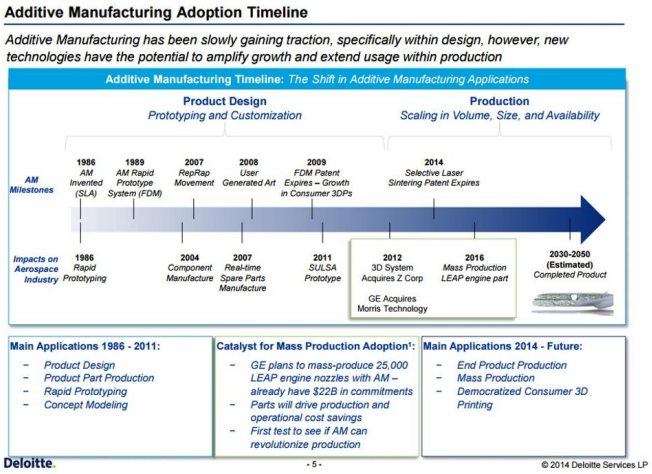
Manufacturers across a broad spectrum of industries including automotive, aerospace, dental, discrete, high tech, and medical products are all actively piloting and using 3D printing technologies today. Prototyping continues to dominate the reasons why enterprises pursue 3D printing, with the opportunity of improving new product development and time-to-market being long-term goals.

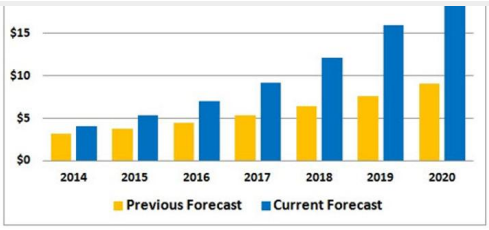
These and many other take-aways are from the following summarized list of 3D printing market forecasts and estimates below:

- **General Electric plans to mass-produce 25,000 LEAP engine nozzles with Additive Manufacturing (AM), and already**

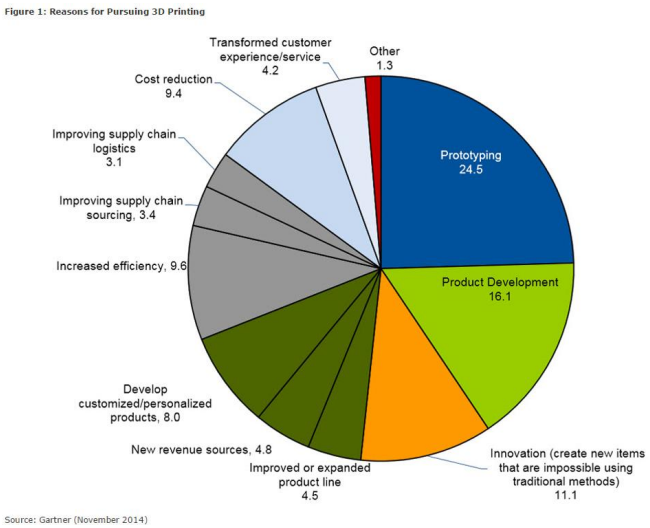
$7 billion by 2020, on 18 percent CAGR (Paul Coster of JP Morgan), to bull market scenarios as high as $21.3 billion by 2020, on 34 percent CAGR (Ben Uglow of Morgan Stanley). Please see the excellent presentation Dr. Mark Cotteleer at the following link: 3D opportunity: Additive manufacturing paths to performance, innovation, and growth. October 1, 2014, Dr. Mark J. Cotteleer, Deloitte Services, LLP.



- **According to Wohlers Report 2014, the worldwide 3D printing industry is now expected to grow from $3.07B in revenue in 2013 to $12.8B by 2018, and exceed $21B in worldwide revenue by 2020**. Wohlers Report 2013 had forecast the industry would grow to become a $10.8B industry by 2021. Source: Why 3D Printing Stocks Could Have a Tremendous Runway for Growth.



- **Prototyping (24.5%), product development (16.1%) and innovation (11.1%) are the three most common reasons companies are pursuing 3D printing.** Of those surveyed in a recent Gartner study, 37% had just one 3D printer within their organizations, with 18% owning 10 or more. The average number of printers per organization was 5.4.
  Source: Gartner Survey Reveals That High Acquisition and Start-Up Costs Are Delaying Investment in 3D Printers.



- **Gartner projects the 3D printing market globally will grow from $1.6B in 2015 to $13.4B in 2018, attaining a 103.1% CAGR.** Allied

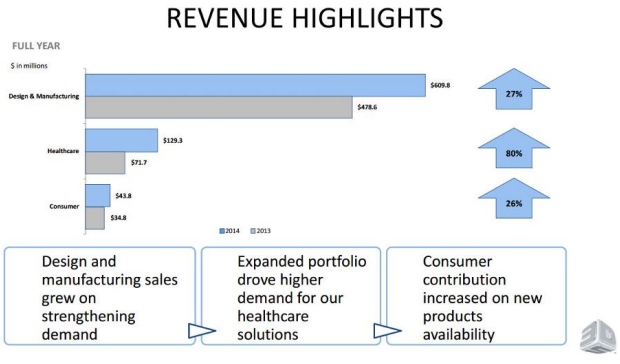
CAGR of 20.6%. These and other forecasts are in the recent Cantech blog post, Education Sector On Cusp of Adopting 3D Printing.

RESEARCH FIRM	YEAR ($ Billions) 2013	2014E	2015E	2017E	2018E	2020E	CAGR	CAGR Period
AMR	$2.3					$8.6	20.6%	2013-2020
Canalys	$2.5	$3.8			$16.7		45.7%	2013-2018
CCS Insight	$1.2				$4.8		33.0%	2013-2018
Freedonia				$5.0				
Gartner			$1.6		$13.4		103.1%	2015-2018
IBISWorld *		$1.4					15.7%	2014-2019
IDC							29.0%	2012-2017
Wohler	$3.1				$12.8	$21.0	33.0%	2013-2018

* U.S. market only

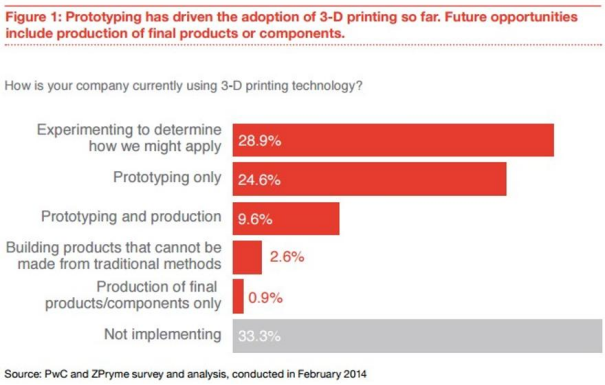
Source: Company press releases, Sophic Capital

- **3D Systems' (NYSE:DDD) sales into design and manufacturing increased 27% from 2013 to 2014, growing to $609.8M in sales.** Sales into healthcare increased 80%, from $71.7M in 2013 to $129.3M in 2014. The consumer segment of 3D Systems' business grew 26% in the last year, from $34.8M in 2013 to $43.8M in 2014. Source: 3D Systems investor Presentation, Manufacturing the Future.

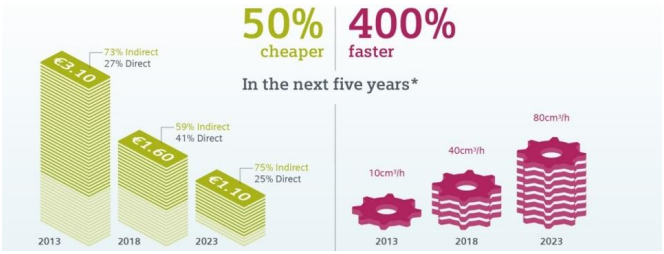


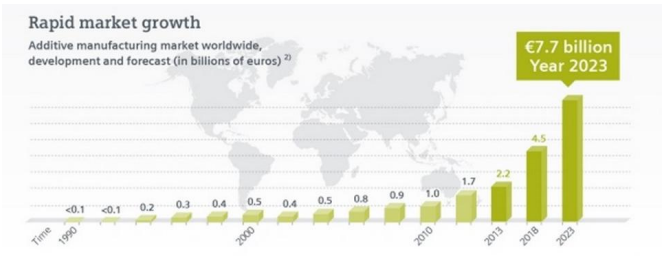
- **PwC estimates 67% of manufacturers are already using 3D printing.** Of these, 28.9% are experimenting to determine how 3D printing can be optimally integrated

the PwC Technology Forecast The Future Of 3-D printing: Moving Beyond Prototyping To Finished Products (52 pp., free, no opt in) for additional details and an in-depth analysis of the 3D printing ecosystem.



- **Siemens predicts that 3D printing will become 50% cheaper and up to 400% faster in the next five years.** Siemens is also predicting 3D Printing will be a €7.7B ($8.3B) global market by 2023. Source: 3D Printing Facts and Figures.

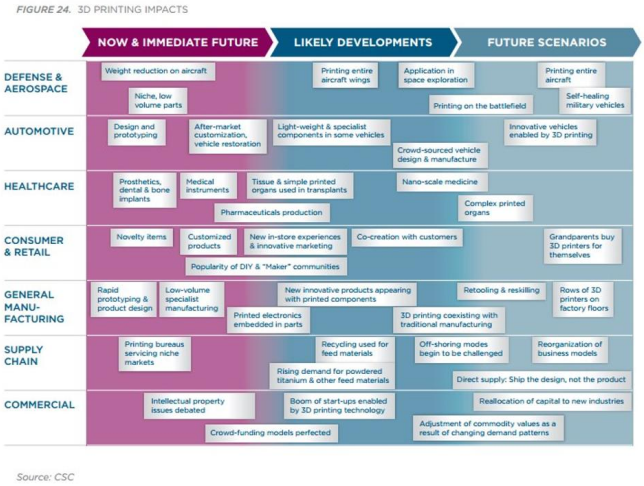




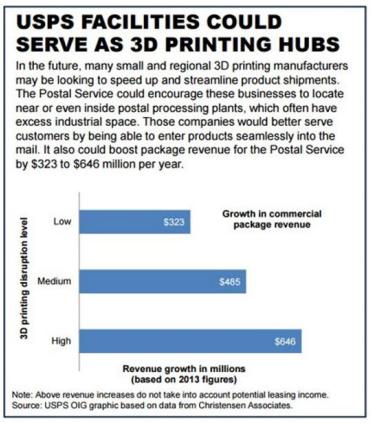
- **The global 3D printing market was valued $2.3B in 2013 and is**

20.6%. Please see the graphic below for more specific findings from this report. Source: Research and Markets: Global 3D Printing Market (Technology, Material, Services, Application and Geography) - Forecast to 2020.

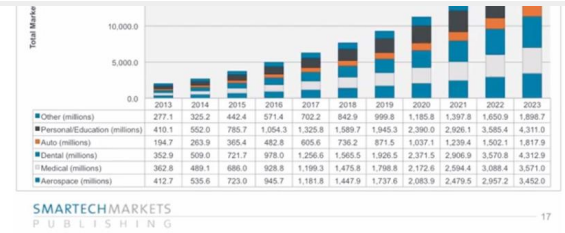
- **CSC has created a roadmap of 3D printing adoption across seven industries including general manufacturing and supply chain management.** The roadmap illustrates how 3D printing will revolutionize industry value chains over time. Source: CSC's Study, 3D Printing and the Future of Manufacturing.

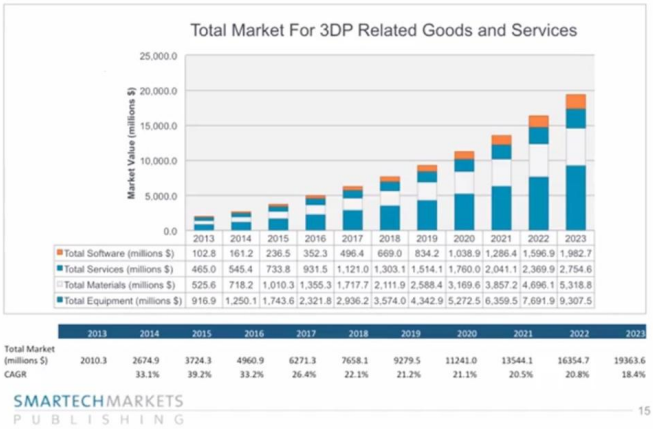


printing hubs could generate an incremental $646M in commercial package revenue. These and many other fascinating insights into how the USPS could revolutionize their service model with 3D printing technologies are from the report If It Prints, It Ships: 3D Printing and the Postal Service (free, no opt in, 33 pp.)



- **The automotive industry's adoption of 3D printing is projected to increase from $365.4M in 2015 to $1.8B in 2023, attaining a 19.51% CAGR.** The aerospace industry's adoption of 3D printing solutions is projected to increase from $723M in 2015 to $3.45B in 2023, attaining an 18.97% CAGR. These insights and many others can be found in the video 3D Printing 2014 A Survey of SmarTech's Annual Market Findings.





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