



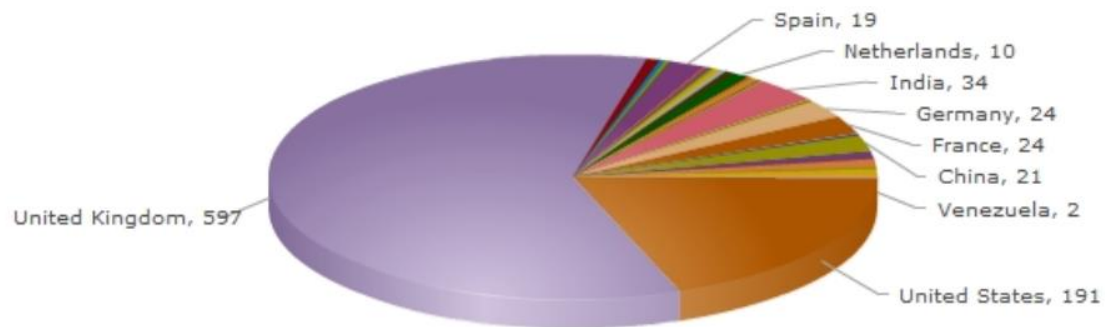
# HVM Catapult Media Roundup

26 August 2014

Welcome to the second HVM Catapult Media Roundup. In the 4 months since April, media interest in HVM Catapult has continued to be strong, with approximately 900 articles in the UK and overseas. We have also seen an increase in the number of casestudies emerging from the Centres, and they have received extensive and positive coverage on press and social media. With a busy schedule of events planned for the months ahead, we expect continued media interest going forward.



Media Coverage April to August



## 1 - HVM Catapult in the News

### [An industrial revolution that begins in a sandpit](#)

19 August 2014 - The Times

Article on how the government's Catapult programme aims to bring manufacturing back to Britain  
[read more](#)

### [Learning how to build what you have into a money-spinner that everyone will want](#)

18 August 2014 - The Times

Article on how Catapults help to translate innovation into commercial success  
[read more](#)

### [Nick Clegg - Why should we Catapult the UK's manufacturing industry?](#)

05 August 2014 - The Manufacturer

Video interview by Gordon Attenborough from IET, taken at Farnborough Airshow  
[read more](#)



### [Taking British innovation to global markets](#)

22 July 2014 - Newelectronics

p18-19 The first Catapult to be identified as critical to the UK's economic growth was High Value Manufacturing and its CEO Dick Elsy believes it can address the very real issues behind that cliché.

[read more](#)

### [Catapults are a step in the right direction](#)

21 July 2014 - CBI Media Centre

CBI submission to Hauser review of Catapults

[read more](#)



### [UK Steel : Industry reaps rewards of innovation though concern grows at falling behind competitors](#)

04 August 2014 - 4-Traders

Funding for Technology Strategy Board and Catapult Centres must be sustained - 95% of manufacturers engaged in innovation in the

...least at 2015/16 levels. 2. Funding for the **High Value Manufacturing Catapult** should be increased and the structure adjusted to encourage SME... [read more](#)

### [Welcome to a fourth industrial revolution — one we can win](#)

29 June 2014 - The Sunday Times

Advances in smart technology could bring Britain huge increases in productivity

[read more](#)



### [The UK's global graphene race](#)

07 August 2014 - The Manufacturer

CPI and the Catapult centres are making rapid progress in helping UK businesses to accelerate the commercialisation of new and innovative technologies such as graphene"

[read more](#)

### [Makers march to the aid of ailing NHS](#)

03 August 2014 - The Sunday Times

Focus on the work of Polyphotonix

[read more](#)



### [New Hauser review hails second age of the Catapults](#)

14 May 2014 - The Manufacturer

Dr Hermann Hauser, whose 2010 review of UK technology commercialisation infrastructure guided the creation to the Catapult network, is to undertake a new review of its effectiveness

[read more](#)

### [Grow your own](#)

17 April 2014 - FreeNewsPos.com

Finding experienced and skilled operators and technicians can be a struggle in the process industries' tight recruitment market.

...the government-backed Catapult centres, in particular the **High Value Manufacturing Catapult** Centre, which brings together UK universities and... [read more](#)



### [UK Catapult Centre works on vision of windowless aircraft](#)

25 August 2014 - Financial Times

FT article on CPI's work on a windowless aircraft

[read more](#)

### [Bashing metal myths](#)

22 August 2014 - The Engineer

[read more](#)



## 2 - Casestudies

### [WMG - Simpac Engineering & Morgan Advanced Materials](#)

15 August 2014 - Innovate UK

[read more](#)

### [AMRC - 3D printed UAV](#)

15 August 2014 - AMRC

[read more](#)



### [CPI - Recyclatech](#)

15 August 2014 - CPI

[read more](#)

### [NAMRC - Rolls-Royce heat exchanger assembly](#)

15 August 2014 - Nuclear AMRC

[read more](#)



### [CPI - Windowless Fuselage](#)

13 August 2014 - CPI

[read more](#)

### [NCC - London Underground](#)

11 August 2014 - NCC

[read more](#)



### [CPI - Polyphotonix](#)

07 August 2014 - Innovate UK

[read more](#)

## 3 - Centres' Success Stories

### [Industry's future is ready to be built in 3D](#)

19 August 2014 - The Times

Article on the work of Hybrid Manufacturing Technologies and the MTC.

[read more](#)

### [The art of the possible gives Polyphotonix sight of a global market](#)

19 August 2014 - The Times

Article on the work of Polyphotonix and CPI

[read more](#)

[The Windowless Fuselage - A Wider Window to the World: News from The Centre for Process Innovation \(CPI\)](#)



15 August 2014 - Process & Control Today

[read more](#)

### [EV-Lite Project Complete – 41% Reduction In Weight, 63% Reduction In Cost](#)

13 August 2014 - Inside EVs

About one year ago, we heard of the EV-Lite project, which co-funded by the UK's innovation agency and the Technology Strategy Board, ...exceeding both of those goals. The project consortium formed by **Manufacturing Technology Centre**, Unipart Manufacturing, Electrovaya, RDVS, CRR [read more](#)



### [Warwick University to host £1 billion APC hub](#)

08 August 2014 - Congo News

British Advanced Propulsion Centre (APC) has selected the University of Warwick, UK, as hub location for research and development of ...systems. The £1 billion research centre will be located on campus at **Warwick Manufacturing Group (WMG)**, a division of the University focused o... [read more](#)

### [Measuring up to complex assembly challenge](#)

08 August 2014 - Nuclear Exchange

The Nuclear AMRC worked alongside Rolls-Royce to significantly reduce the time needed to produce a complex heat exchanger sub-assembly. Measuring up to complex assembly challenge The **Nuclear AMRC** worked alongside Rolls-Royce to significantly reduce the time needed to produce a... [read more](#)



### [Barkley benefits from Warwick connection](#)

04 August 2014 - Congo News

By PRW Staff Posted 4 August 2014 Barkley Plastics has boosted business by partnering with Warwick Manufacturing Group (WMG), a ...Posted 4 August 2014 Barkley Plastics has boosted business by partnering with **Warwick Manufacturing Group (WMG)**, a research By PRW Staff Posted... [read more](#)

### [CPI Announce Investment into Biologics Factory of the Future](#)

23 July 2014 - Pharmaceutical Technology

The Center for Process Innovation (CPI) has announced an investment of £20 million (\$34 million) to create a Biologics Factory of the Future, £10 million (\$17 million) of which is awarded by Tees Valley Unlimited Local Enterprise Partnership, as part of Local Growth Fund and their Growth Deal. ...element of the UK government's national manufacturing strategy, the **High Value Manufacturing Catapult**, a network of seven technology and innovation... [read more](#)



### [Cable announces £30 million for advanced materials and non-destructive evaluation research](#)

22 July 2014 - EurekAlert!

New research that will improve safety and efficiency of gas turbines, rail tracks, fuel pipelines and other important infrastructure International STS; Lavender International; Tribosonics; Peak NDT; TWI; **Nuclear AMRC**; Ultrasonic Sciences Ltd.; Olympus NDT; Weidinger Associates [read more](#)

### [Alicona Join the MTC Community](#)

02 July 2014 - AZoM

A world leader in form and roughness measurement and metrology has become the latest member of the pioneering Manufacturing Technology Centre in Coventry. ...measurement and metrology has become the latest member of the pioneering **Manufacturing Technology Centre** in Coventry. A world leader in form and... [read more](#)

### [Australia's middle class is about to get minced](#)

02 July 2014 - Business Spectator

For the past four decades it's been the working class that has suffered the brunt of the effects of globalisation and automation in the workforce.

...industry. Tim Chapman of the University of Sheffield's **Advanced Manufacturing Research Centre** describes how the economics of manufacturing changes... [read more](#)

### [Strong supply chain can help UK advanced manufacturing compete globally, says Jaguar Land Rover exec](#)

01 July 2014 - FreeNewsPos.com

In a review of the UK's advanced manufacturing sector and its supply chain (52-page / 1.

...UK government recently awarded the University of Sheffield's **Advanced Manufacturing Research Centre** £7 million of funding to conduct research... [read more](#)

### [Can Osborne deliver on northern powerhouse pledge?](#)

29 June 2014 - FreeNewsPos.com

27 June 2014 Last updated at 16:43 George Osborne has spoken about creating a northern powerhouse in the region's towns and cities.

...boost the northern economy. Just outside Middlesbrough is the **Centre for Process Innovation** which looks to turn local scientific expertise into... [read more](#)

### [British engineers build 'intelli-copters', capable of learning as they fly](#)

26 June 2014 - Justhelicopters.com

Sheffield, England - Flying robots that can show true autonomy and even a bit of politeness in working together and venturing into hostile environments are being developed by engineers at the University of Sheffield.

...Siemens. Its industrial successes are exemplified by the award-winning **Advanced Manufacturing Research Centre** (AMRC) and the new £25 million... [read more](#)

### [CPI Shortlisted for Leading Industry Awards](#)

26 June 2014 - Printed Electronics Now

The Centre for Process Innovation (CPI) and its spin-out companies Polyphotonix and Primary Dispersions Ltd. CPI Shortlisted for Leading Industry Awards The **Centre for Process Innovation** (CPI) and its spin-out companies Polyphotonix and Primary Dispersions... [read more](#)

### [National Summit on Apprentices considers new role for the future of advanced technical education](#)

24 June 2014 - Press Release Point

The Secretary of State for Business Vince Cable MP will today (24 June 2014) tell a National Summit on Apprentices at the University of Sheffield that the UK needs a new model of high level, high status technical education which combines academic and applied knowledge.

...combines academic and applied knowledge. Speaking at the University's **Advanced Manufacturing Research Centre** (AMRC), the Secretary of State will... [read more](#)

### [Press release: Clegg and Cable: manufacturing crucial to economic recovery](#)

19 June 2014 - ForeignAffairs.co.nz

MIL OSI – Source: Government of the United Kingdom – Press Release/Statement Headline: Press release: Clegg and Cable: manufacturing crucial to economic recovery companies urged to bid into £200 million Regional Growth Fund new evidence of manufacturing jobs returning to the UK funding for Rolls

...Manufacturing Summit, announced: a £7 million grant to the **Advanced Manufacturing Research Centre** (AMRC) in Sheffield for research into large... [read more](#)

### [UK Government Action to Build Waste Based Bioeconomy Following Lords Report](#)

18 June 2014 - Waste Management World

By Ben Messenger Managing Editor In response to the House of Lords Science and Technology Select Committee report, Waste or resource?

...million for the National Biologics Manufacturing Centre as part of the **Centre for Process Innovation** (CPI) in Autumn Statement 12 and further... [read more](#)

### [Arecor and CPI team on biologics stability research project](#)

17 June 2014 - In-Pharma Technologist

Formulations that stop biopharmaceuticals being degraded by vials and syringes could help biopharmas avoid recalls and improve product shelf life says the UK team behind an industry focused research collaboration. To improve this understanding Unilever Ventures-backed firm Arecor and the **Centre for Process Innovation** (CPI) have teamed up to examine the... [read more](#)

### [CPI and Partners to Develop Printed Sensor for Rapid Test of Bovine Tuberculosis](#)

05 June 2014 - Printed Electronics Now

The Centre for Process Innovation (CPI) is working with CompanDX Ltd, Public Health England and Sapient Sensors Limited to develop a portable testing device which would be capable of detecting bovine tuberculosis in cattle in just a matter of minutes.

...Partners to Develop Printed Sensor for Rapid Test of Bovine Tuberculosis The **Centre for Process Innovation** (CPI) is working with CompanDX Ltd [read more](#)

### [British high-speed railway looks to composite solutions](#)

04 June 2014 - Plastics Today

Engineers responsible for designing Britain's new high-speed railway (HS2), potentially linking London with cities as far north as Glasgow and Edinburgh, have started investigating how fiber-reinforced plastic (FRP) composite materials could play a key role in building the network.

...key role in building the network. During a two-day visit to the **National Composites Centre** (NCC) in Bristol, UK, earlier this year, the team... [read more](#)

### [Graphene's mundane uses deserve greater fanfare, says firm at forefront](#)

25 May 2014 - The Guardian

Focus on Applied Graphene Materials

[read more](#)

### [Aerospace Manufacturing Conference Returns to IMTS](#)

23 May 2014 - Moldmaking Technology

TRAM 2014 will include two days of presentations on ideas and technologies affecting aircraft manufacturing. Here, speakers from Boeing and Airbus offer a preview.

...of the event's organizers, along with the UK's **Advanced Manufacturing Research Centre** and AMT the Association for Manufacturing Technology. Speakers... [read more](#)

### [Profile: Stuart Harrison](#)

20 May 2014 - FreeNewsPos.com

Stuart Harrison wants to help companies secure work on a project which aims to harness the power of fusion. ...companies. In his new role as business development director at the Nuclear **Advanced Manufacturing**

**Research Centre** (AMRC), Mr Harrison wants to ensure... [read more](#)

### [University's Vice-Chancellor unveils ambitions for manufacturing and technical education](#)

16 May 2014 - Press Release Point

University of Sheffield Vice-Chancellor Professor Sir Keith Burnett last night (Thursday 15 May 2014) chose what has been termed 'the most important business dinner outside London' to unveil the University's ambitions for a High-Value Manufacturing Valley along the M1 corridor supported by a new

...manufacturing sector, drawing on the success of the University's **Advanced Manufacturing Research Centre** (AMRC). Looking beyond the success of... [read more](#)

### [CPI Looks Back on 10 Years, Plans for the Future](#)

14 May 2014 - Printed Electronics Now

UK's national technology and innovation center continues research while commercializing new

...activities are occurring at leading innovation centers throughout Europe, and The **Centre for Process Innovation** (CPI) is in the forefront of these... [read more](#)

### [Indian-origin academics lord over Royal Fellowship](#)

05 May 2014 - Hindustan Times ePaper (Lucknow)

Two prominent Indian-origin academics — Lord Sushantha Bhattacharyya and Rajesh Thakker — are among 60 eminent scientists elected as 2014 Fellows of the Royal Society, which is the world's oldest scientific academy in continuous existence since 1660 with Albert Einstein, Isaac Newton and Charles ...Charles Darwin as past fellows. Lord Bhattacharyya, who founded the **Warwick Manufacturing Group** in 1980 that has the Tata Group as one of its... [read more](#)

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### [United Kingdom : TTL joins MANUFACTURING TECHNOLOGY CENTRE in COVENTRY \[TendersInfo \(India\)\]](#)

29 April 2014 - Technology News

(TendersInfo (India) Via Acquire Media NewsEdge) Buckinghamshire-based computer numerical control expert TTL has joined the Manufacturing Technology Centre (MTC) in Coventry.

United Kingdom : TTL joins **MANUFACTURING TECHNOLOGY CENTRE** in COVENTRY [TendersInfo (India)] (TendersInfo (India) Via Acquire Media NewsEdge [read more](#))

### [Eliminating Tool Pullout in Titanium Milling](#)

28 April 2014 - Modern Machine Shop

Toolholder employs a secondary locking system to counter the high axial cutting forces encountered during the development of a tool for high-metal-removal-rate milling of titanium.

...this problem, and the two companies worked together within the **Advanced Manufacturing Research Centre** of Sheffield, England. Stephen Eckersall [read more](#)

### [CPI Breaks Ground On New Biologics Manufacturing Center](#)

25 April 2014 - Pharmaceutical Online

The Centre for Process Innovation (CPI) announced that it has officially broken ground on the state of the art National Biologics Manufacturing Centre (NBMC) at its new Central Park, Darlington site.

CPI Breaks Ground On New Biologics Manufacturing Center The **Centre for Process Innovation** (CPI) announced that it has officially broken ground... [read more](#)

### [Composites UK Conference 2014, to Take Place on 13 – 14 May](#)

25 April 2014 - Textiles Update

London, United Kingdom – Composites UK is to take place on 13 – 14 May 2014 at the National Composites Centre (NCC) in Bristol, UK, which will focus on specially selected key topics, supplying delegates with the latest composites industry intelligence.

...Kingdom Composites UK is to take place on 13 14 May 2014 at the **National Composites Centre** (NCC) in Bristol, UK, which will focus on specially... [read more](#)

### [3D-Printed UAVs Complete Preliminary UK Trials](#)

18 April 2014 - Robotics Business Review

Project paves way for cheap, rapid manufacturing of disposable UAVs.

...designed to enable cost-effective, rapid drone manufacturing. Engineers at the **Advanced Manufacturing Research Centre** (AMRC) tested the 1.5m (4.9 [read more](#))

### [How Big is Big? Introducing UK's Biggest Electron Beam Welding System Till Date](#)

17 April 2014 - World Industrial Reporter

Scientists at the Nuclear Advanced Manufacturing Research Centre have scored another first by installing Electron Beam Welding system big enough to take a complete aero-engine or parts for a nuclear reactor.

...Beam Welding System Till Date Scientists at the Nuclear **Advanced Manufacturing Research Centre** have scored another first by installing Electron... [read more](#)

### [Co-Operative Robots Take Center Stage](#)

17 April 2014 - Fabricating and Metalworking

Dense clusters of robots, requiring no complex computation, can swarm like bees or a flock of birds to carry out tasks collectively and pave the way for robot 'swarms' to be used in the agricultural industry, for example, where precision farming methods could benefit from the use of large numbers of

...Siemens. Its industrial successes are exemplified by the award-winning **Advanced Manufacturing Research Centre** (AMRC) and the new £25 million... [read more](#)

