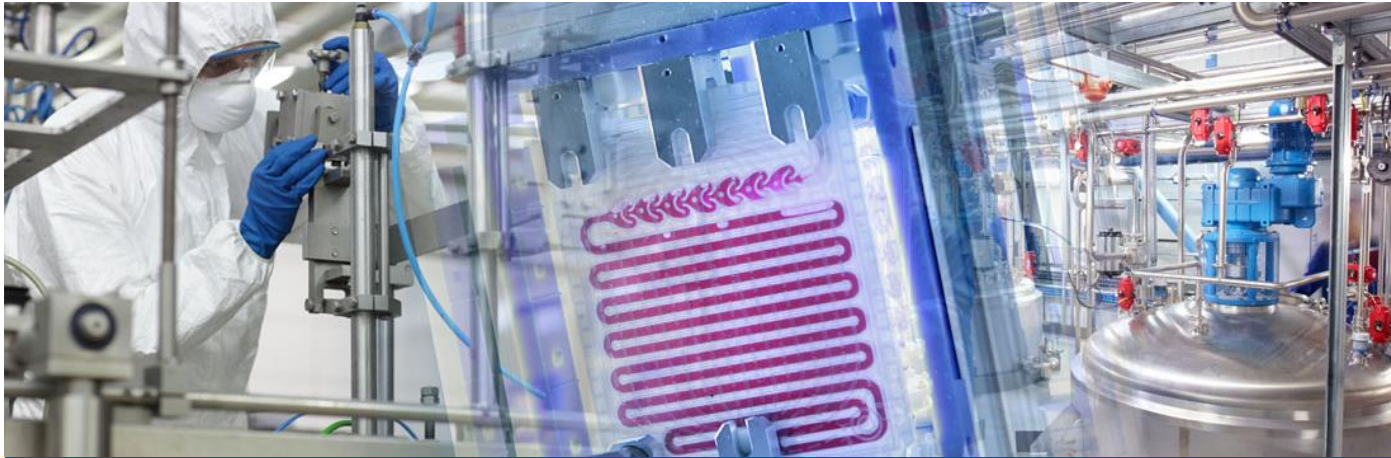




CPI Overview

CATAPULT
High Value Manufacturing





CPI: From Innovation to Commercialisation

Who are CPI?



CPI is a UK technology innovation centre and the process element of the Government's High Value Manufacturing Catapult.



National Printable
Electronics Centre



National Industrial
Biotechnology Facility



National Biologics
Manufacturing Centre



National Formulation
Centre

We use applied knowledge in science and engineering combined with state of the art facilities to enable our clients to **develop, prove, prototype** and **scale-up** the next generation of products and processes.

CPI – Who We Are

CPI is an independent private company limited by guarantee founded in 2004, with the Innovation UK having step-in rights to protect the public investment in the company.

We have grown from regional beginnings to the National Innovation Centre for the Process Industry as part of the High Value Manufacturing Catapult.

We are modelled on the German Fraunhofer Institutes who were members of our pre-incorporation Board.

Our Board and Advisory processes bring in advice from over 30 leading industrialists and academics.

CPI – What We Do



We support many major blue chip clients including many household names, and more than 200 SMEs and institutes, and universities from all over the world.

We operate 4 national centres and employ over £60m of assets.

We employ more than 220 highly skilled scientists and engineers.

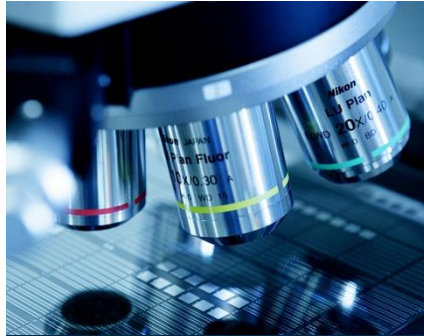
CPI works with organisations to deliver more value by reducing the risk and increasing the pace of their R&D.

CPI integrates knowledge and assets to create scalable products and processes that work, then quickly demonstrates and proves them at prototype and pilot plant scale through to commercial production.

Technology Focus



**Industrial Biotechnology
and Biorefining**



Printable Electronics



Biologics



**Formulation and Flexible
Manufacturing**

CPI works across a distinct set of technological areas that offer the largest potential impact on the future of UK and global manufacturing.

Services



Product and Process Development



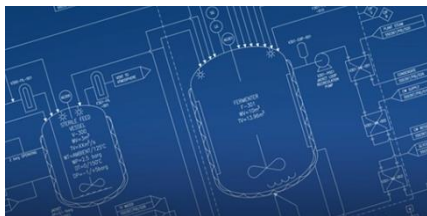
Prototype, Demo and Scale-up



Pilot Production



Feedstock and Materials Investigation



Manufacturability, Process Modelling and Simulation



Process Economics and Evaluation



Identification and Engagement of Key Collaborators



Commercialisation Support and Incubator Space

Market Focus



Healthcare



Energy



Materials and Chemicals



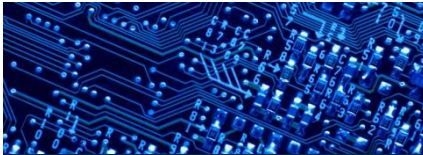
Food and Drink



Consumer Goods



Personal Care



Electronics



Transportation



Built Environment

High Value Manufacturing Catapult



£460 million invested to date

research to create something even greater

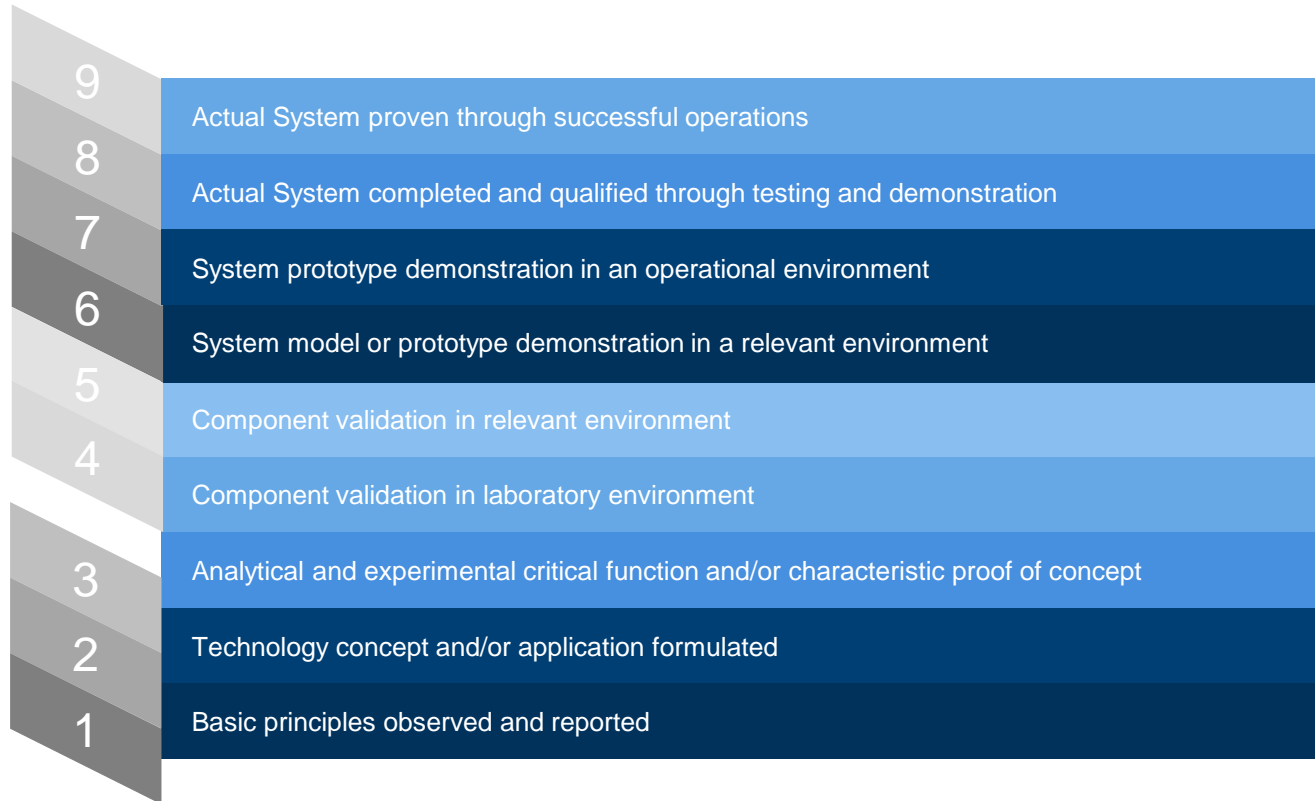
Over **£240 million** for the next 5 years

Over **2300** industry clients

A combined **1300** staff and growing



Technology Readiness Levels (TRL)



The CPI Process



Integrate CPI assets and knowledge to create scalable products and processes that work

Prove that the product or process will meet a market need

Demonstrate the product or process across TRL 4 - 7

Get the product or process ready for production;
reducing risk and providing partners with confidence to invest

Help clients understand their market environment and create options
for their future

Summary of CPI



Reduce risk before investing large sums of money on new facilities by demonstrating and refining novel technologies

Proof of concept and process scale-up showing that new concepts are feasible before approaching potential investors, stakeholders or funding programmes

Decrease the time to market for a novel product or process by accessing proven demonstration assets and key expertise

Thank you...

For more information visit www.uk-cpi.com

Email: info@uk-cpi.com

Twitter: [@ukCPI](https://twitter.com/ukCPI)

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