

# The Future of Manufacturing in Peterborough









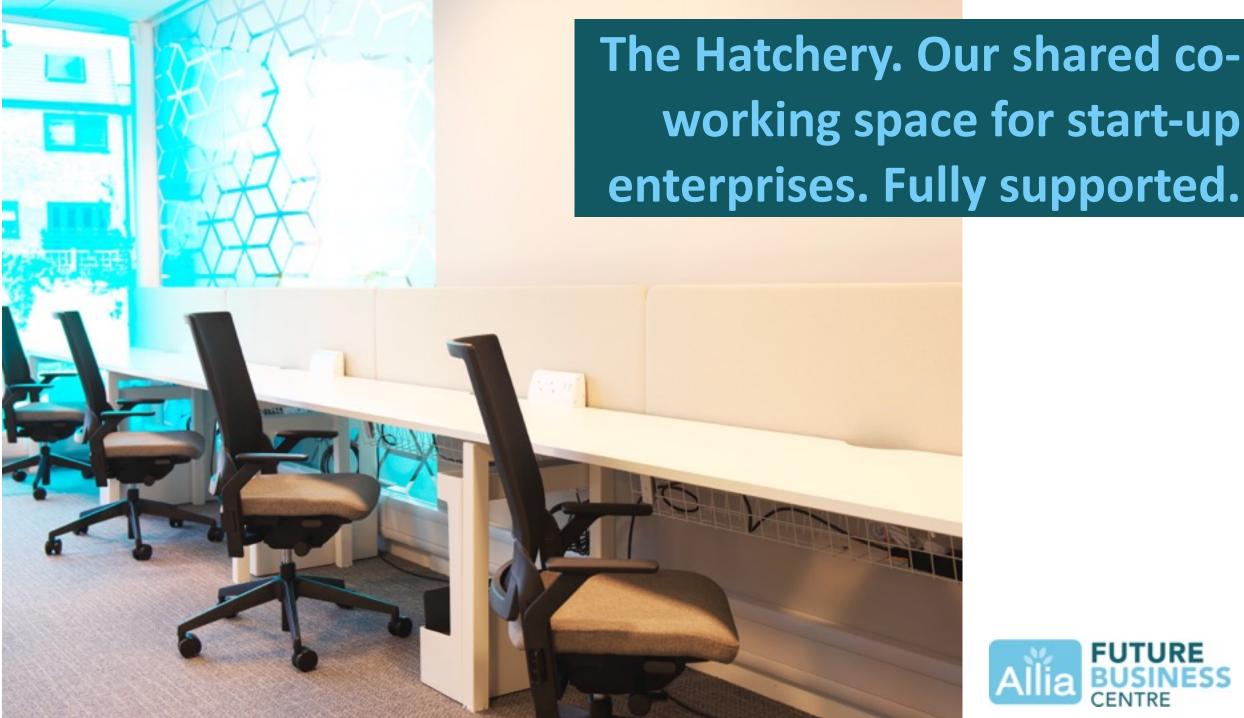














# On-site business support for to help stimulate social start-ups.

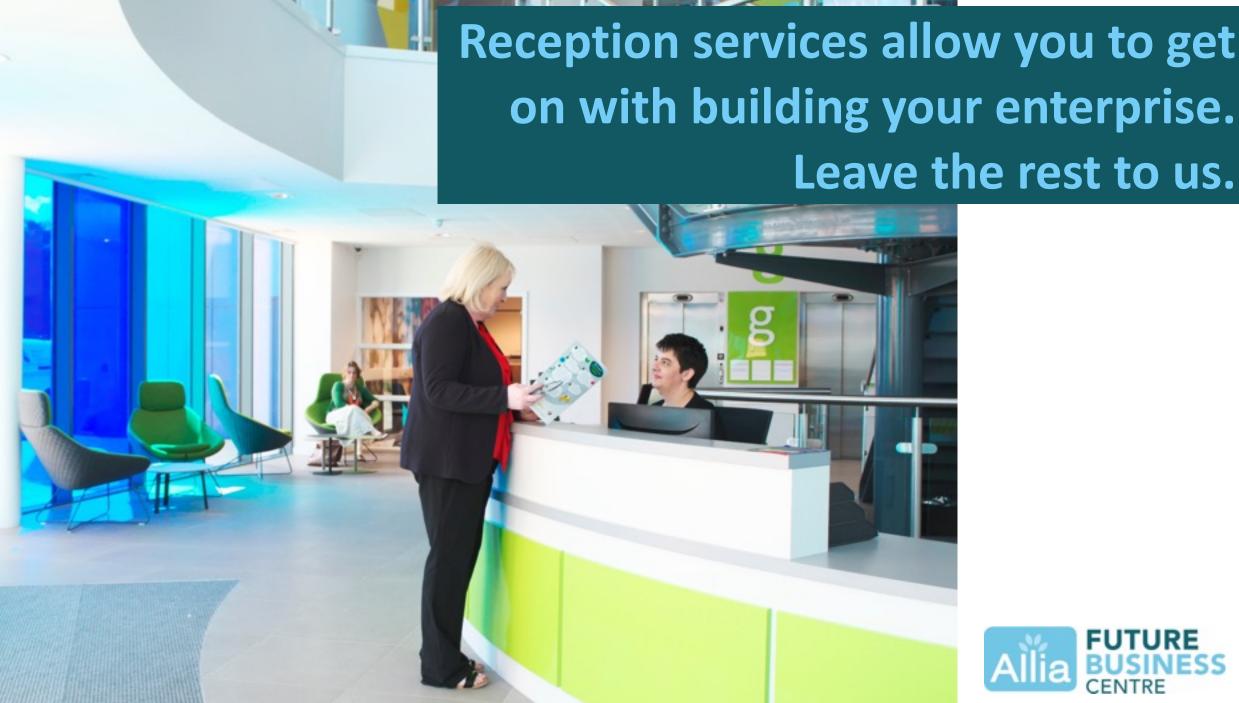




# A wide range of modern workspaces including furnished offices and workshops.

























# Introduction to the Business Growth Service

Jenny Wilton and Richard Garwell
October 2015





# Overview of the service

# What is the Business Growth Service?

Business Growth Service combines the Manufacturing Advisory Service, GrowthAccelerator, Intellectual Property Audits and Design Mentoring products under one, easily accessible offer.

Export support is provided by UKTI and UKEF, and the service is closely linked to Innovate UK, local growth hubs and the British Business Bank.

The service provides tailored business support to small and medium sized firms with ambition and potential to grow.

Throughout their journey, participants will have a single point of contact with the Business Growth Service.

#### **Business Growth Service**







# Growth **Accelerator**









# What does this mean for businesses?

A simplified point of contact for businesses

An expansive product offering

An easily connected journey of support

Knowledge at the right time and place

Outcome focused to drive positive results

Consistent eligibility criteria



# Who is eligible?



To be eligible, all businesses must fit the European Union definition of an SME:

- Based in England
- Registered in the UK
- Fewer than 250 employees
- Turnover below £40M OR balance sheet < £34M</li>

The growth need of a business will determine the Business Growth Manager assigned to them on their growth journey.



### **Achievements**

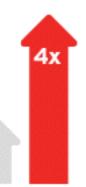
#### Over the past three years we have achieved some notable successes.



We have helped to raise over £100 million in external finance



Since January 2012 MAS has helped 17,000 manufacturers improve productivity and address barriers to growth



Businesses supported by GrowthAccelerator are growing 4x faster



97% would recommend the service

Combined these two services are on target to deliver at least £2.6bn of economic growth (GVA) and create 55,000 new jobs.

# **GRANT Guidelines**

- Matched at 50%, up to a maximum of £3,000 (dependant on business size and growth potential)
- Up to £300 per day subsidy against consultancy support.

#### **Repeat Projects**

- A small number of business may qualify for 2<sup>nd</sup> grant
- \*NB. Must meet GVA increase ROI between projects
- Grant offer <u>must</u> be received before the project starts grants cannot be claimed back retrospectively

# The MAS service

- A national service to all manufacturing businesses in England.
- Built upon the foundations of a successful service.
- Single common delivery model.
- Nationally co-ordinated, locally delivered.
- Delivering strategic and technical support to SMEs.
- Driving Business Growth.
- Encouraging Innovation, both Product and Process

# Scope & Eligibility

- Available to SME's (Less than 250 employees and €50M Turnover)
- Residing in England
- Must be manufacturer
- Must be within De Minimis state aid limit (€200K in a 3 year period)
- Those demonstrating a good fit with at least one over-arching objective:
  - 1. Driving Business growth
  - 2. Developing advanced manufacturing capabilities
  - 3. Creating high value jobs
  - 4. Improvement of resource efficiency (carbon footprint)

# MAS – What is a Manufacturer?

#### A manufacturer is:

A company that has a SIC code 10xxx to 33xxx

A company that designs and sells a physical product, even if they outsource the actual production

A company that changes the state of a physical item in order to add value

#### **Exceptions**

- Fishery and aquaculture sector
- Primary production of agricultural products
- Coal Sector

# Funding eligibility criteria



Manufacturing S.M.E.



Must be within De Minimis state aid limit (€200K in a 3 year period)



Growing and Innovative





Project falls within MAS offering



Company has free choice of consultant / service provider but must be registered on the BGS Expert Portal (no cost involved!)



# **Eligible Projects for MAS funding**

#### Activities across 8 areas

- Patents and intellectual property
- Design
- Sales and Marketing
- Finance
- IT and E-Commerce
- Training
- Efficiency
- Quality and standards

# **Business Growth Coaching**

- Helping companies that want Expert Coaching support to help grow the business
- Anything that the Top level of the business need to address
- Growth Accelerator
- Design Mentoring

# **Growth Accelerator**

- 3 main streams
  - Business Development Coaching
    - Top level Business Strategy Development
  - Growth Through Innovation
    - For Innovative businesses
    - More specific support
    - Process Innovation
  - Access to Finance
    - Help to get pitch ready for investment

# **Growth Accelerator**

- Coaching support
- Leadership and Management Training
  - Further 50% matched grant available
- Workshops and Masterclasses
  - 2 tickets per company
- IP Audit with Growth Through Innovation

# **IP Audits**

- To allow the business to gain a clear picture of their IP assets,
- To ensure they are able to manage their own IP and develop an effective management plan or strategy to grow their business.
- Provides advice and guidance towards identifying and maximising the value of IP.
- It is useful if further guidance is required in respect of managing and developing an IP strategy
- It will help to ensure that potential intellectual property assets are identified and appropriately managed.

# **IP Audits**

- Audit of all IP within a business
- £400 for £3,000 worth of support
- Can only be accessed via a relevant GTI activity
- IPO funds but does not have to deliver

# **Design Mentoring**

- Helping companies that want to 'Redesign' their business
- Design Intensive
- Design Coaching
- Delivered by experts
- Match funded

# **Design Coaching**

- Experienced Coach facilitating transfer of knowledge/skills to support SMEs with;
  - Branding design
  - >Product design
  - >> Process design
  - >Service design

# Design 'triggers'

- Does the business have a clear idea of it's products and service proposition and process to support it?
- Is the business clear about it's target market and how customers experience their products/services?
- Does the business maximise it's visibility and trust in the marketplace (could be branding, logos etc)
- Is there clarity of the touch points for marketing/design activity?
- Is the business differentiated from the competition and is it delivered consistently across its marketing activity?
- Do internal processes need improving / automating?

# **Design Coaching General Info**

- Design Coaching is delivered on a grant basis
- Max £3,000 grant, matched at 50%
- Includes a full day Design Specific Masterclass
- Can only do Design Coaching OR Design Intensive

#### **Design Intensive**

- More complex projects
- Larger outlay £6,300 50% match funded, fixed cost
- Delivery is flexible but within a proven, structured process, with specific milestones at each stage
- Delivered by Design Council Design Associates only
- Must invest in one significant or several smal design projects

### **Design Coaching General Info**

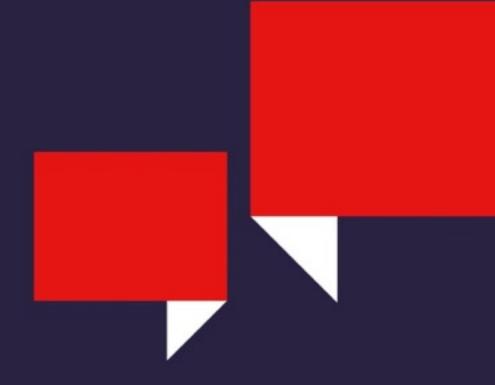
- Design Mentoring Workshop at GT Cambridge on Tuesday 17<sup>th</sup> November
- Free to attend and delivered by the Design Council

#### BUSINESS GROWTH SERVICE

Jenny Wilton and Richard Garwell Business Growth Managers 07824 491333 / 07900 227937 jenny.wilton@mymas.org richard.garwell@mymas.org

Join the Conversation: @BGS\_tweets #ThisIsGrowth

www.greatbusiness.gov.uk/businessgrowthservice 0300 303 0034







## UK Trade & Investment

How UKTI can help you grow your business overseas

#### Why export?

## Independent research confirms that exporting companies:

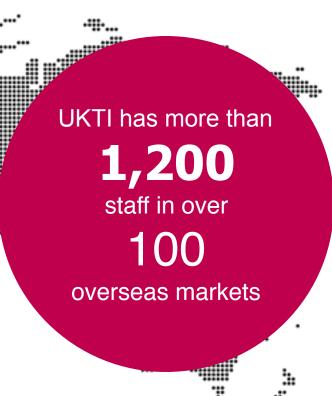
- achieve stronger financial performance;
- achieve growth not otherwise possible;
- are more productive and innovative than non-exporters;
- are more resilient to an economic downturn;
- have a higher profile and more credibility;
- are more likely to stay in business





#### UKTI – Global Reach, Local Insight

- UKTI has more than 1,200 staff in over 100 overseas markets and around 400 people across UK regions, working locally to support UK businesses and overseas investors.
- Our International Trade Advisers are from the private sector, with extensive experience in international trade.
- A tried and tested portfolio of services.
- A wealth of contacts in over 100 overseas markets.



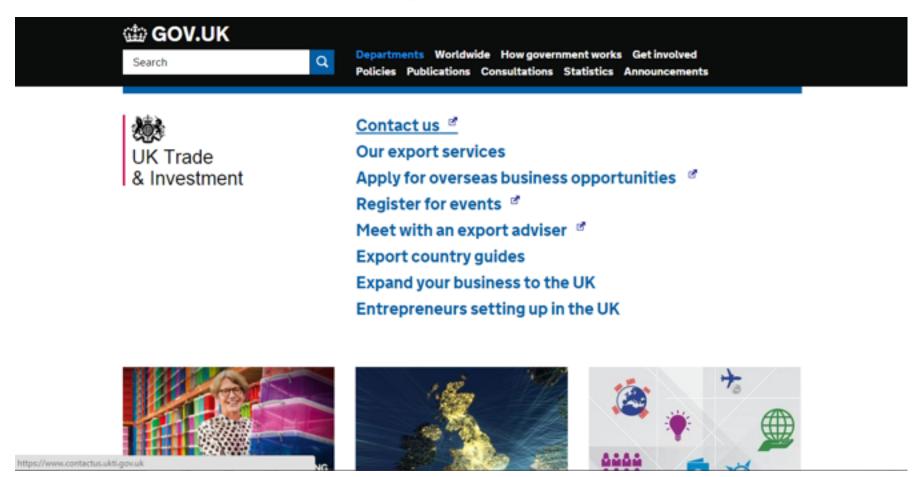


"UKTI really opened doors for us, and we knew we were engaging with exactly the right person at each organisation."



#### **UKTI Services:**

#### www.gov.uk/ukti



#### UKTI trade services portfolio

- Services for New Exporters:
  - Passport to Export
  - www.exportsavvy.co.uk
  - Export Insight Visits
- Business Opportunities

   www.businessopportunities.ukti.go
   v.uk
- Export Market Research Scheme (EMRS)
- Overseas Market Introduction Service (OMIS)
- Export Communications Review (ECR)
- Market Visit Support (MVS)

- E-exporting
- Events <u>www.events.ukti.gov.uk</u>
- Trade missions
- Tradeshow Support
- Postgraduates for International Business
- High Value Opportunities (HVOs)
- Culture & Language Support
- Open to Export <u>www.opentoexport.com</u>
- Support for Medium Sized Businesses
- Overseas Business Network

#### UKTI case studies

#### **Insight Cordless Lighting - LED lighting to luxury hospitality.**

- Selling to 30 countries through web orders. Needed to build scale of business.
   UKTI advice helped achieve this.
- Focus on 5 star resorts first market visited with support from UKTI was Kenya.
   New orders secured from visits organised by British Embassy in Kenya, researched other tourist resorts.
- Estimate 70% of business will be overseas.
   Targeting European ski resorts in Europe and safaris in Africa.
- Our trade adviser, has a tremendous amount of integrity and professionalism. "I really value his guidance: his support and advice have been First Class." Nigel Fawkes, Insight Cordless Lighting



#### **Further information**

#### **UKTI East**

Email: pat.smith@mobile.ukti.gov.uk

Tel: 07595 964083

**Customer Services Team:** 

Email: UKTI EastInfo@Mobile.ukti.gov.uk>

Tel: 01707 398398

www.gov.uk/ukti

S la media

linkedin.com/UKTI East of England

twitter.com/UKTIEast



#### How do we support UK exports

**Primary focus - contracts of less than 2 years** 

#### **Access to funding/credit**

- Bond Support Scheme
- Export Working Capital Scheme

#### **Guaranteeing payment**

Export Credit Insurance Policy (EXIP)





#### **Export Working Capital Scheme**

- UKEF guarantees upto 80% of bank facility
- Minimum 20% UK content
- Maximum loan repayment term 2 years
- UKEF does not charge the exporter nor take security





#### **Bond Support Scheme**

- UKEF guarantees upto 80% of bank facility
- Minimum 20% UK content
- Maximum loan repayment term 2 years
- UKEF does not charge the exporter nor take security





#### **Export Credit Insurance Policy**

- Supports sales to 'challenging' markets
- Insures exporter against risk of
  - non payment or
  - political risk or
  - non-performance (external factors)
- Cover up to 95% of the contract value, no minimum contract value
- EU and 'rich' OECD markets excluded for risks of less than 2 years
   (except Greece, South Korea and Israel)
- Export contract specific i.e. <u>not</u> whole of turnover business
- 20% minimum UK content





#### **Summary**

- Must be a UK based entity exporting to an overseas buyer
- For the short term products, the repayment period must be less than two years
- There has to be a minimum of 20% UK content in the contract
- UKEF complements the private market it does <u>NOT</u> compete with it
- Triggers may be when a larger than normal order is won, a buyer is demanding credit which makes you uncomfortable, your bank is not supporting overseas growth





#### **How to Contact UK Export Finance**

Dan.Hewitt@ukef.gsi.gov.uk

Tel: 07580 745923

https://uk.linkedin.com/in/danhewittexport

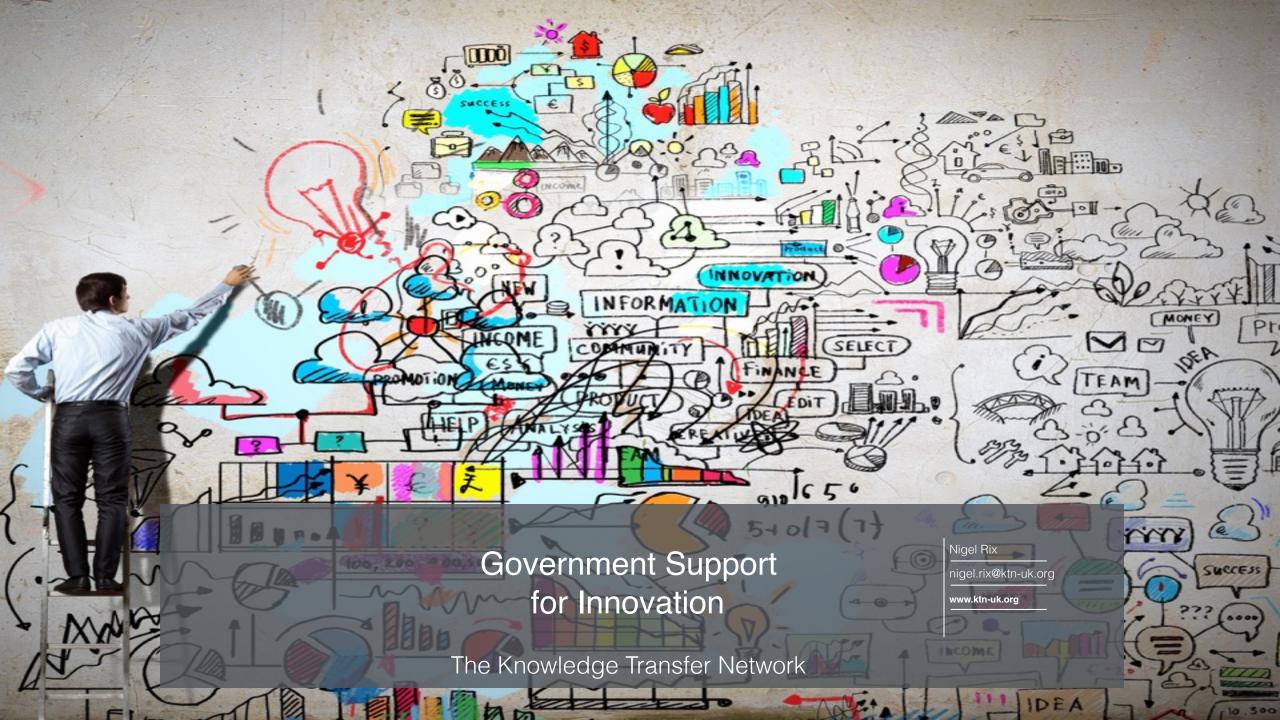
www.gov.uk/uk-export-finance







# EXPORTING IS GREAT BRITAIN & NORTHERN IRELAND

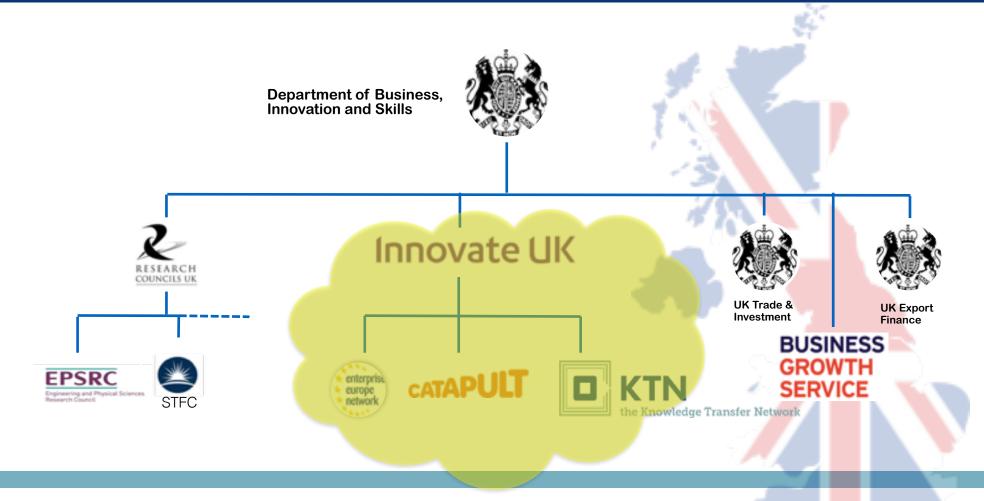


## The Knowledge Transfer Network Stimulating dialogue/accelerating innovation





#### The Government landscape





#### Supporting innovation in the UK

#### Government Priorities

#### Government:

- 1) Increased productivity
- 2) Growing the economy
- 3) Regionalisation
- 4) Increasing Exports

#### Innovate UK:

- 1) Accelerating UK Economic Growth
- 2) Building on Innovation Excellence
- 3) Developing Catapults
- 4) Working with Research Community and across government
- 5) Evolving the Funding Models



#### We are an innovation nation

The UK is built on innovation. Its genius for invention and creativity has shaped the world.

- From television to world wide web
- From the discovery of penicillin to in-vitro fertilisation
- From the jet engine to graphene

Today our global economic footprint is a testament to those who have innovated before .....

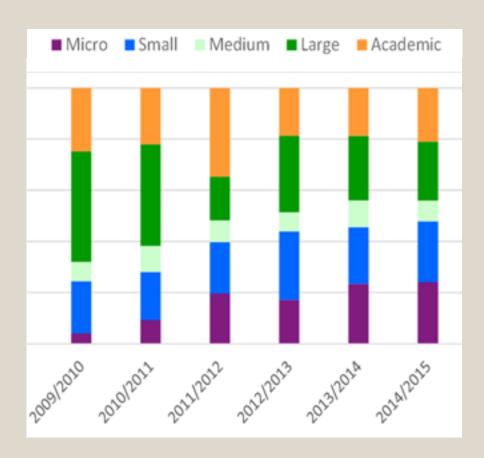
but we cannot stand still!

#### Innovation doesn't just happen

Strategic innovation doesn't just happen. It happens as a consequence of coordinated collaboration between business, government and research.

This is where **Innovate UK** comes in.

#### 1. Accelerating innovation; growing businesses

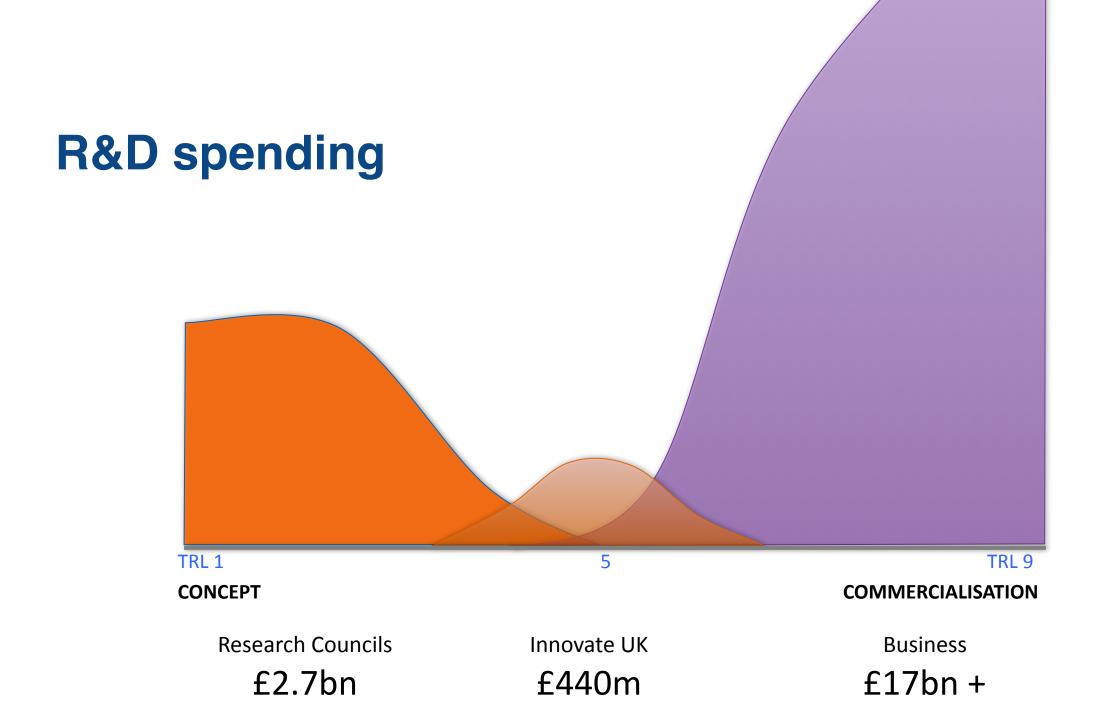


We have increased our focus on small, high-growth companies

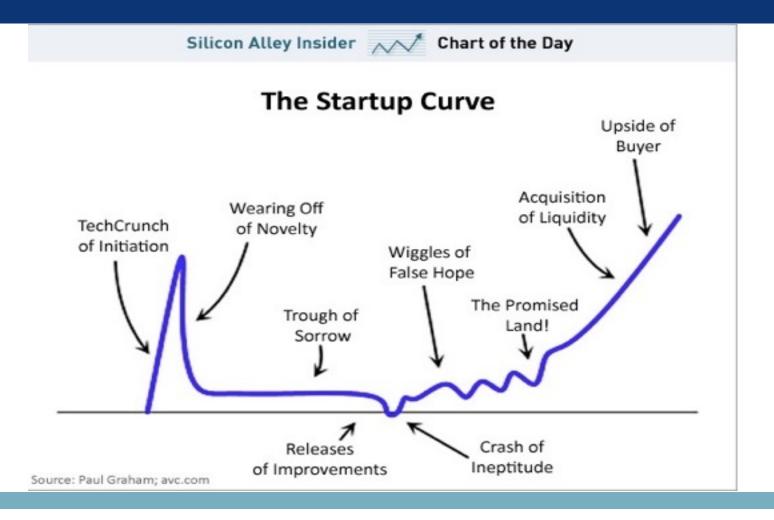
#### **Intelligent Energy**

- 2001 start-up based on EPSRCsupported research
- Won 11 Innovate UK grants in early years
- Powered the first purpose-built fuel cell motorbike and a fleet of fuel cell London taxis for the 2012 Olympics
- Now publicly floated; one of the fastest-growing technology companies in Europe



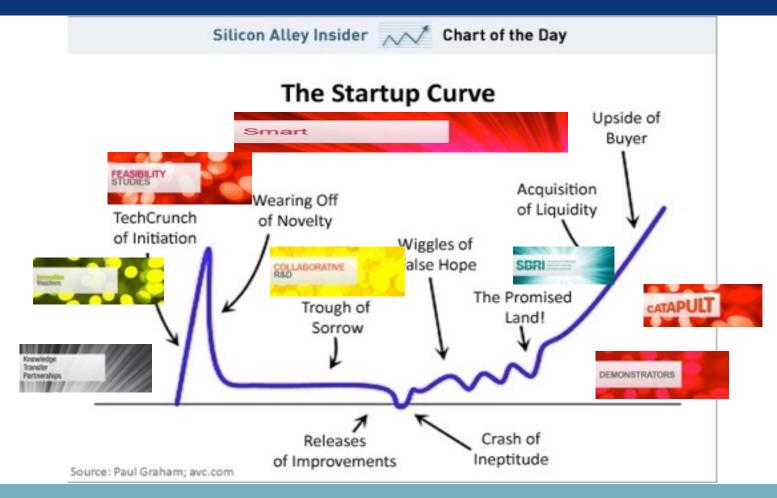


#### The Startup Curve





## The Startup Curve Innovate UK Programmes





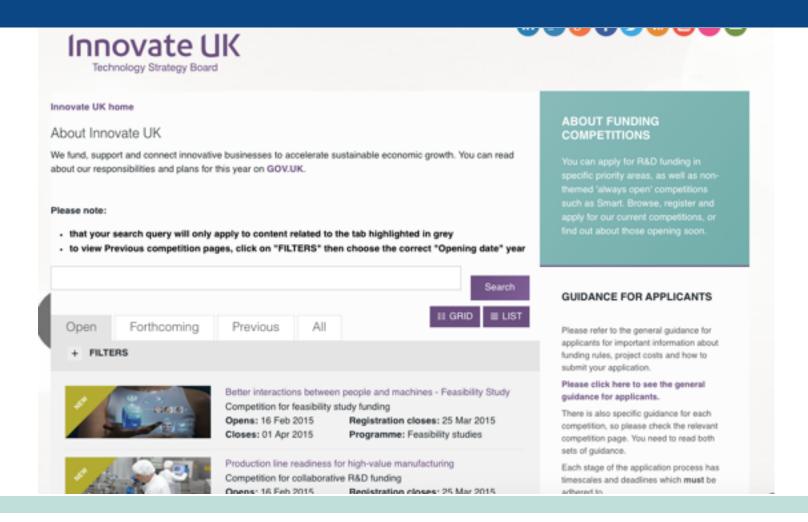






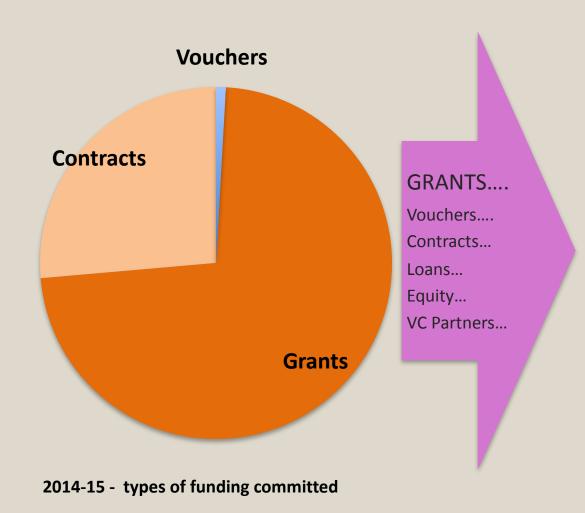
#### Innovate UK Competitions

https://interact.innovateuk.org/





#### 5. Evolving our funding models



#### **FIND**

Research-led opportunities

Government-led opportunities

Business-led opportunities

#### **GROW**

Creating high growth potential SMEs

**CATAPULT-**centred scaling

#### SCALE

SME to mid-size, allowing new supply chains to form in UK

Delivery capability for industry and digital scale-up

## Growth Showcase www.growthshowcase.com

Innovate UK, Growth Accelerator and JustInvesting

Profiles of SMEs Validated, Ambitious & Innovative, Accessible



A SELECTION OF THE LATEST GROWTHSHOWCASE BUSINESSES



#### Horizon 2020 Funding

FoF-11-2016: Digital automation Budget 51M€ - deadline Jan 2016

- 1. Collaborative manufacturing and logistics
- 2. Novel architectures for factory automation based on CPS and IoT

FoF-12-2017: ICT Innovation for Manufacturing SMEs (I4MS) Budget 33M€ - deadline Jan 2017

**Enhancing digital transformation in manufacturing SMEs and mid-caps** 

Digitising European Industry:

http://ec.europa.eu/digital-agenda/en/digitising-european-industry

Factories of the Future (FoF) on the web: <a href="https://ec.europa.eu/digital-agenda/en/factories-future">https://ec.europa.eu/digital-agenda/en/factories-future</a>



# How this applies to manufacturing

#### **Backdrop**

#### **Global Market Opportunity**

- £30bn boost to UK economy by 2025 by strengthening domestic supply
  - Offshore wind  $\rightarrow$  £18bn
  - Automotive → £4bn
  - Off-site construction → £6bn
  - Smart IB processes → £4-12bn
- Passenger aircraft → \$629bn by 2030

#### **UK Capability**

- 9.5% of UK GVA, Global 11<sup>th</sup>, EU 4<sup>th</sup>
- 8% workforce (2.6m), 50% of exports
- 69% of business R&D
- 88% VA from large firms
- 17% turnover from medium firms
- Overseas control of top tiers
- Good support in the landscape: HVMC, CIMs, MAS, RCs, ...

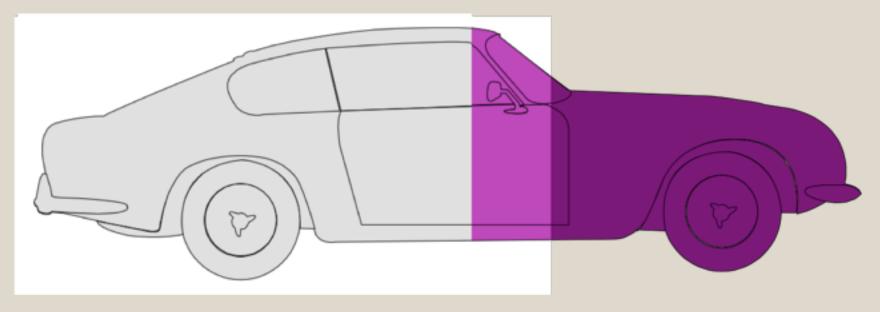
#### **Timeliness**

- Growth in emerging economies
- Legacy of R&D ripe for pull through
- Place: reshoring, (re)distributed/local manufacturing
- Scale: large (to serve industrial sector needs) and small (mass customisation)
- Circular economy

#### **Additionality**

- Funding models and connectivity to derisk pull-through of high-value, crosssector manufacturing technology and the broadening of innovation
- Network of HVMC, KTN and CIMs for pre-competitive and competitive R&D
- Can link HVM with Digital

#### **Opportunity**



- UK Supply Chain Spend (37%, £12.2 bn)
- UK Supply Chain Opportunity identified by BIS (10%, £3.3 bn)
  - Non-UK supply chain spend (53%, £17.5bn)

Source: KPMG The UK Automotive Industry and the EU, April 2014

#### **Opportunities over next 5 years**

#### 1. Digital for manufacturing – for competitiveness and flexibility

- Only ¼ of ICT initiatives are to address new challenges
- Barriers: cost, lack of confidence, mgt buy-in and skills
- Can use cutting-edge capability in UK digital/creative sector

#### 2. Manufacturing readiness at scale – for impact and anchoring

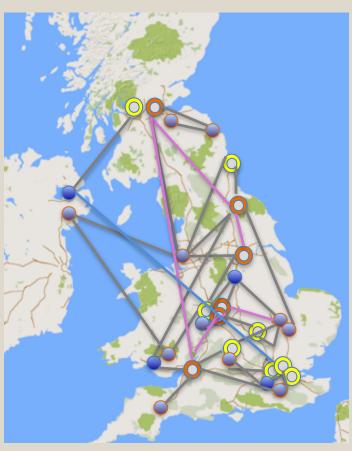
- Reduce risk to top tier by scaling and/or validating developments
- Need external expertise, finance and factory floor space to innovate past
   TRLs 4-6
- Information gap between top and lower tiers

#### 3. Early stage manufacturing concepts – for future-proofing

 To enable new sources of revenue e.g. remanufacturing, collaborative consumption, personalisation

### 2. Developing Catapults - within a network





Future nodes and connections are illustrative only

## Thank you

#### Nigel Rix Head of Electronic Systems

nigel.rix@ktn-uk.org +44 (0) 791 237 0752



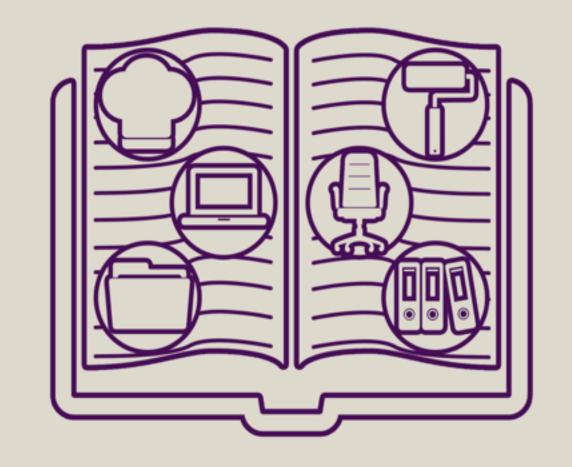
## Innovate UK

- additional slides

Innovate UK

# What has Innovate UK done for the UK?

Adding an estimated £7.5bn to the UK economy and creating an average of per **company** we have worked with

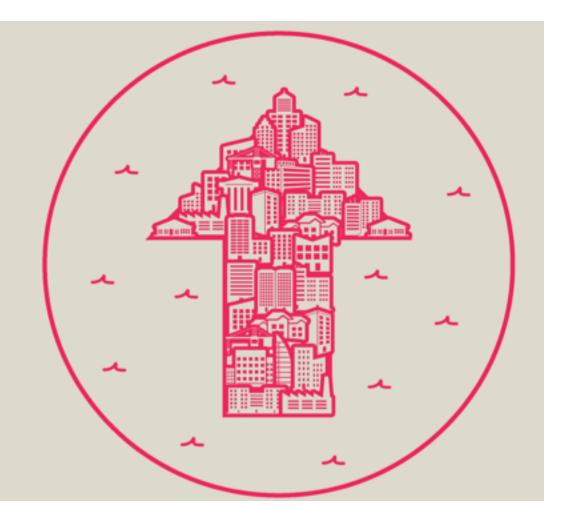


# Why innovation is so important?

## 1

Because when UK innovations in science and technology are turned into new businesses and industries, our whole economy benefits through new higher-skilled jobs and better productivity

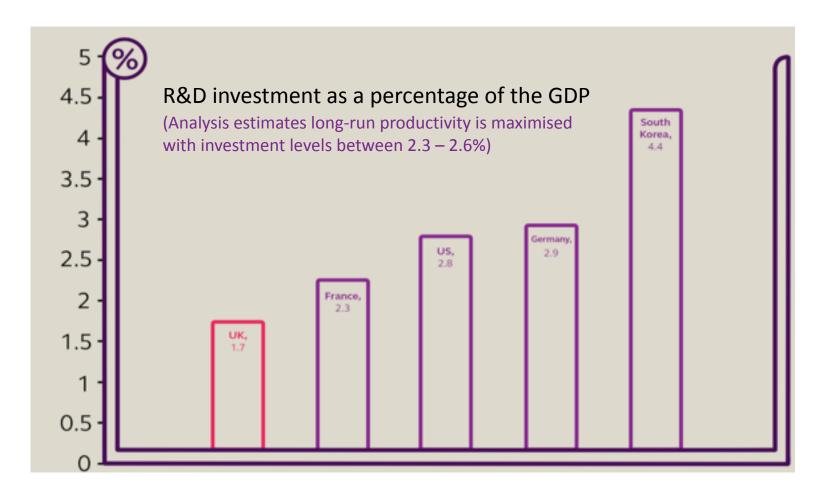
Firms that persistently innovate have 13% higher productivity than non innovators and 9% higher productivity than occasional innovators



2

Because we are in a global race for *future prosperity*. We need to be a winner in the race. Right now, small & medium sized businesses in UK are less innovative than their European competitors.

Countries across the world are investing in science and technology businesses. We need the UK to stay one step ahead of them. We need our industries and economy to be more forward thinking and more competitive than theirs.



## 3

Direct public investment in innovation is an investment for the future. It is the vital fuel that drives private investment towards longer term, higher-risk projects with higher social returns.

Firms that persistently invest in R&D grow twice as fast as non innovators and have higher exports

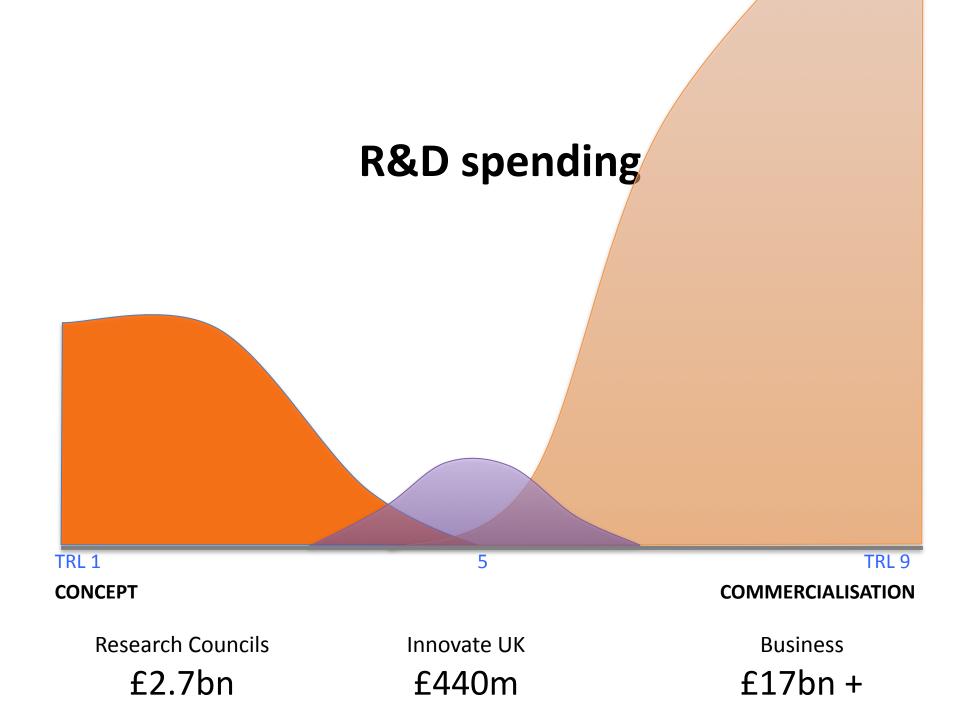


Source: BIS Innovation Report 2014

## How we work

Steering economic growth







Apprenticeship Grant

Click to e

Stella Cockerill



#### Purpose of the Grant



To support employers, to create new jobs and to recruit new 16-24 year olds to your workforce.



#### Who can apply?

#### You may get a £1,500 apprenticeship grant if:

You have less than 50 employees in the UK

Your apprentice is aged 16 to 24 years old

You can claim support for up to 5 apprentices





#### Eligibility

 Applies to apprenticeship frameworks only the new apprenticeship standards are not covered by the grant

#### You can receive up to 5 grants in total if:

- Confirm you are not able to recruit without the Grant
- You have not had any employees start an apprenticeship in the last 12 months



#### When should you apply?



Starts up to & including 31st December 2015





#### **Employee Eligibility**

#### Qualifying apprentices:

- New recruits (or P/T progressing to F/T)
- Aged 16-24
- Enrolled on a recognised apprenticeship
- Living in England
- Not in full-time education
- Complete 13 weeks 'in-learning' on the apprenticeship programme





#### Payment process?

#### 13 weeks from the start date



Up to 9 weeks for government to pay the training provider



30 days for the training provider to forward payment to you



#### How to apply?

• Complete, sign and return an AGE 16 to 24 Employer Declaration with your chosen training provider **BEFORE** your apprentice starts their first day

• For further information & access to the enquiry form visit <a href="https://www.gov.uk/take-on-an-apprentice/employer-grants-apprentices">https://www.gov.uk/take-on-an-apprentice/employer-grants-apprentices</a>





#### Your commitment

- Pay minimum wage
- Employ the apprentice for minimum of 12 months or the time it takes to complete whichever is greater
- Confirm you are aware of and comply with State Aid rules
- One payment of £1,500 is made after the apprentice completes 13 weeks in-learning on their apprenticeship programme. However, employers are required to commit to providing ongoing employment to the apprentice (as defined in the Employer Agreement)
- If the apprentice leaves or is dismissed BEFORE completion of 13 weeks in-learning you will not receive the Grant but If the apprentice leaves or is dismissed AFTER completion of 13 weeks in-learning there will be no requirement to repay the Grant

### Thank you...

Skills@gcgp.co.uk

01480 277180







signpost2grow

Click to



#### Introduction to Signpost2Grow

Signpost2Grow is a service that's been developed with businesses in mind. We help point businesses in the right direction by bringing all the information and support available in one place, making it easier for businesses to seek the right advice and assistance to help their business grow.

Signpost2grow is a hub for information and support for businesses across the GCGP area: Cambridgeshire, Peterborough, West Norfolk, West Suffolk, North Hertfordshire, South Holland and Uttlesford.

Website: <a href="http://signpost2grow.co.uk/">http://signpost2grow.co.uk/</a>

Email: <a href="mailto:hello@signpost2grow.co.uk">hello@signpost2grow.co.uk</a>

Telephone: 01/120 277120





#### How do we help businesses

- Our team will signpost to services which are relevant to you.
- Delivering events in all areas tailored made to local business needs ranging from specific workshops to funding fairs to business surgeries where businesses can get 1-2-1 advice and support.
- Working with the professional services community (lawyers, accountants, bankers, commercial agents) to understand business requirements.

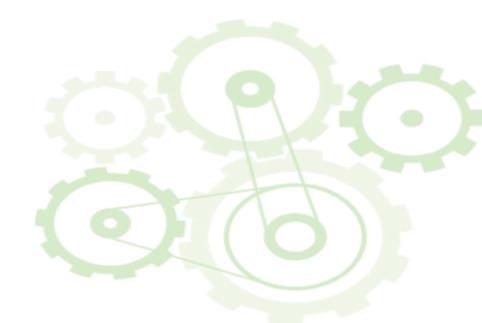


#### How do we help businesses?

- Website <u>www.signpost2grow.co.uk</u>
  - Business support search tool
  - Events search
  - Static information

• Helpline: 01480 277180





#### Eastern Agri-Tech

As there was great success with the Regional Growth Funding Bid, we are now benefiting from millions of pounds worth of funding to support the development of the Agri-Tech industry. To help support ideas within this important sector the Eastern Agri-Tech Growth has been launched. There are two main funds available for businesses located in within Cambridgeshire, Peterborough, Rutland, North Hertfordshire, Uttlesford, South Holland, Norfolk and Suffolk can apply for:

The **Agri-Tech Growth Fund** which provides grants between **£10,000** and **£15,000** to support product development and improve agricultural productivity.

The second provides grants between **£10,000** and **£60,000** to support the research and development of new products or processes.

If you would like to know more about the Agri-Tech grants feel free to contact the Programme Manager, Martin Lutman via <a href="mailto:info@agritechgrants.co.uk">info@agritechgrants.co.uk</a> or by calling 01480 277180.



#### **GCGP Business Loans**

In 2012 the government allocated the **Greater Cambridge Greater Peterborough Enterprise Partnership** £16.1 million fund to invest in stalled projects and initiatives that couple help create new jobs and economic growth.

Since 2012 a number of projects have been supported by the GCGP Business Loans. Below are a few examples:

- K&K Machines
- Haverhill Research Park
- Ely Crossing
- The Future Business Centre Cambridge
- Oakham Business Park Rutland
- Huntingdon Link Road

If you would like to know more about the Growing Places Funds or have any enquires please feel free to \( \) flowers@gcgp.co.uk or call 01480 277180.



#### Thank you for listening...

Binal Cadieu

Project Manager

Binal.Cadieu@gcgp.co.uk

07713 199021

http://signpost2grow.co.uk/





## The HMA

Chairman: Stuart Searle

Vice Chair: Jenny Wilton

Established in 2009 450 + local manufacturing members

Free to Join Association
Representing and Supporting Manufacturers



## Aims and Objectives

To listen

To assess

To represent

To provide guidance and education

To collaborate

To assist GROWTH

To lobby

To inform



## **Supporting Partners**

Huntingdonshire DC

The LEP

**Urban and Civic** 

**UKTI** and **OBN** 

MAS

Local MP

HRC and WATA



## Recent Activity

Access to Funding Event

Engagement with EDGE

Questionnaire

Skills Event with Simon Weston, ANATECH

Apprenticeship Ambassadors

H & S Concerns for Business Owners

**House of Commons Dinner** 



## The HMA

Contact: stuartsearle@thehma.co.uk

Committee meet every Tuesday of the Month Alconbury Incubator Building at 8.30am

