



# Welsh Gov. support for Research, Development & Innovation

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# Business Innovation

Post ERP - WAG will focus on 6 priority Sectors:

- Advanced Materials and Manufacturing
- ICT
- Energy and Environment
- Life Sciences
- Creative Industries
- Financial and Professional services

➤ Innovation and Knowledge Transfer teams will function across all sectors

➤ Each sector has an external (private sector) advisory panel

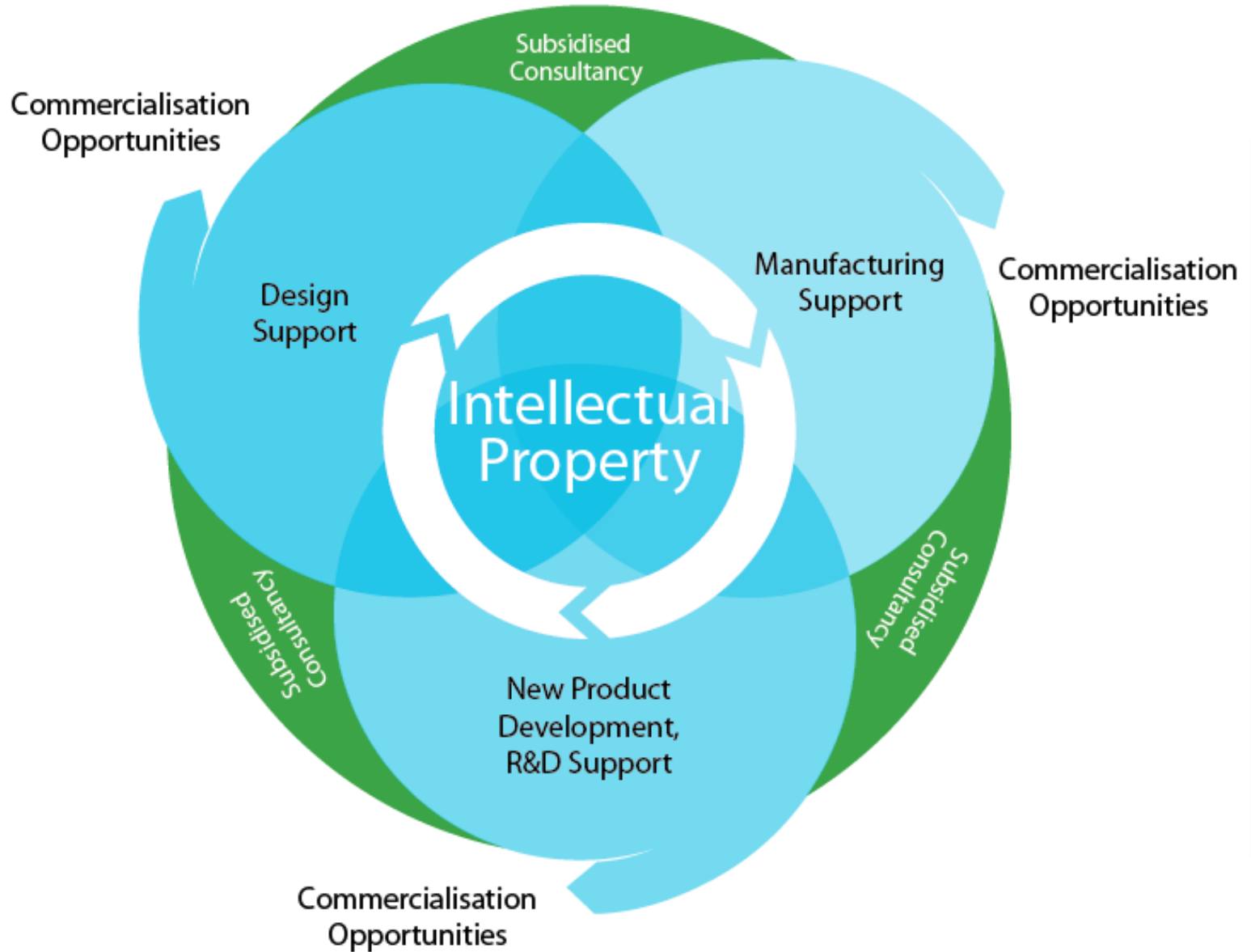
# Business Innovation

BI80234 Competitiveness / BI80235 Convergence

£28 million, 5 year Programme – Pan Wales  
Provides technical, professional and financial support  
at all stages of the innovation process including:-

- New Product Development (NPD)
- Design
- Manufacturing process improvement
- Intellectual Property (IP) and Commercialisation

# Business Innovation



# Business Innovation



New Product  
Development,  
R&D Support

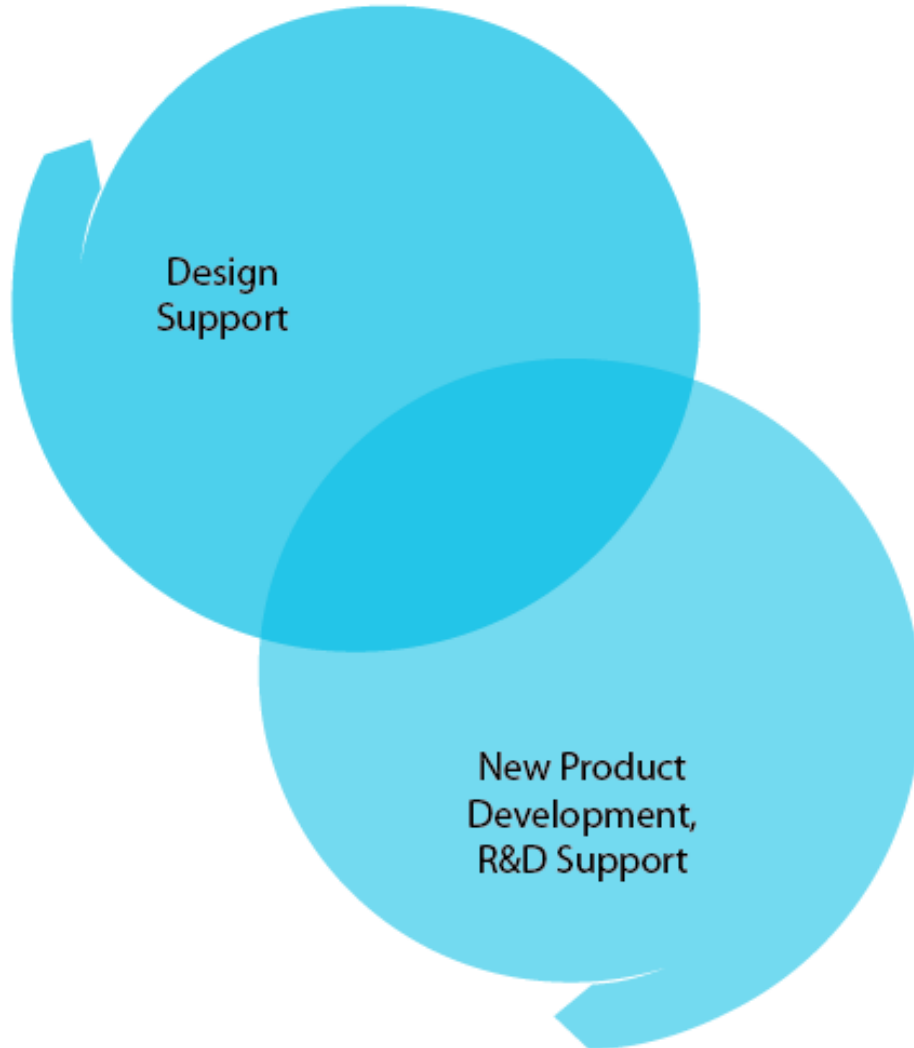
# Business Innovation – NPD / NPI

A team of Innovation Specialists with sector expertise can:

- Identify opportunities within your business for NPD support.
- Facilitate access to Innovation Vouchers / R&D funding.
- Identify and assist with the exploitation of IP in your business.
- Help you to access funding for the acquisition and implementation of new technologies and processes.
- Facilitate collaboration with other businesses or academics.



# Business Innovation



Design  
Support

New Product  
Development,  
R&D Support

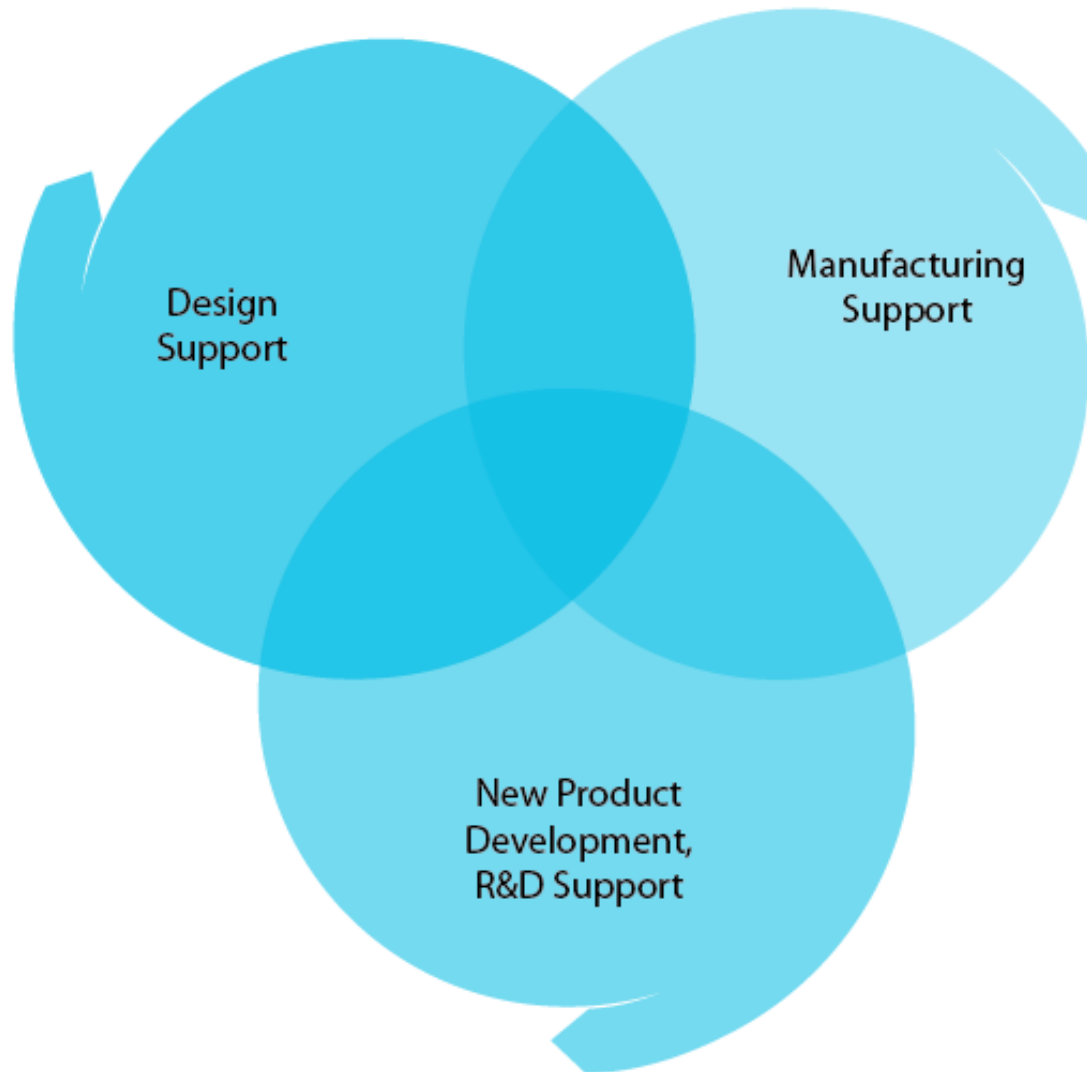
# Business Innovation - Design

Design Specialists can undertake a design diagnostic review with your business and facilitate access to potential funding to help :

- Development of new & existing products
- Review and develop your design processes
- Enhancement of your companies' design skills
- Advice on design tools & software
- Use of design to achieve product improvement
- Investigation of new materials
- Consider legislative led design
- Consider design for manufacture



# Business Innovation



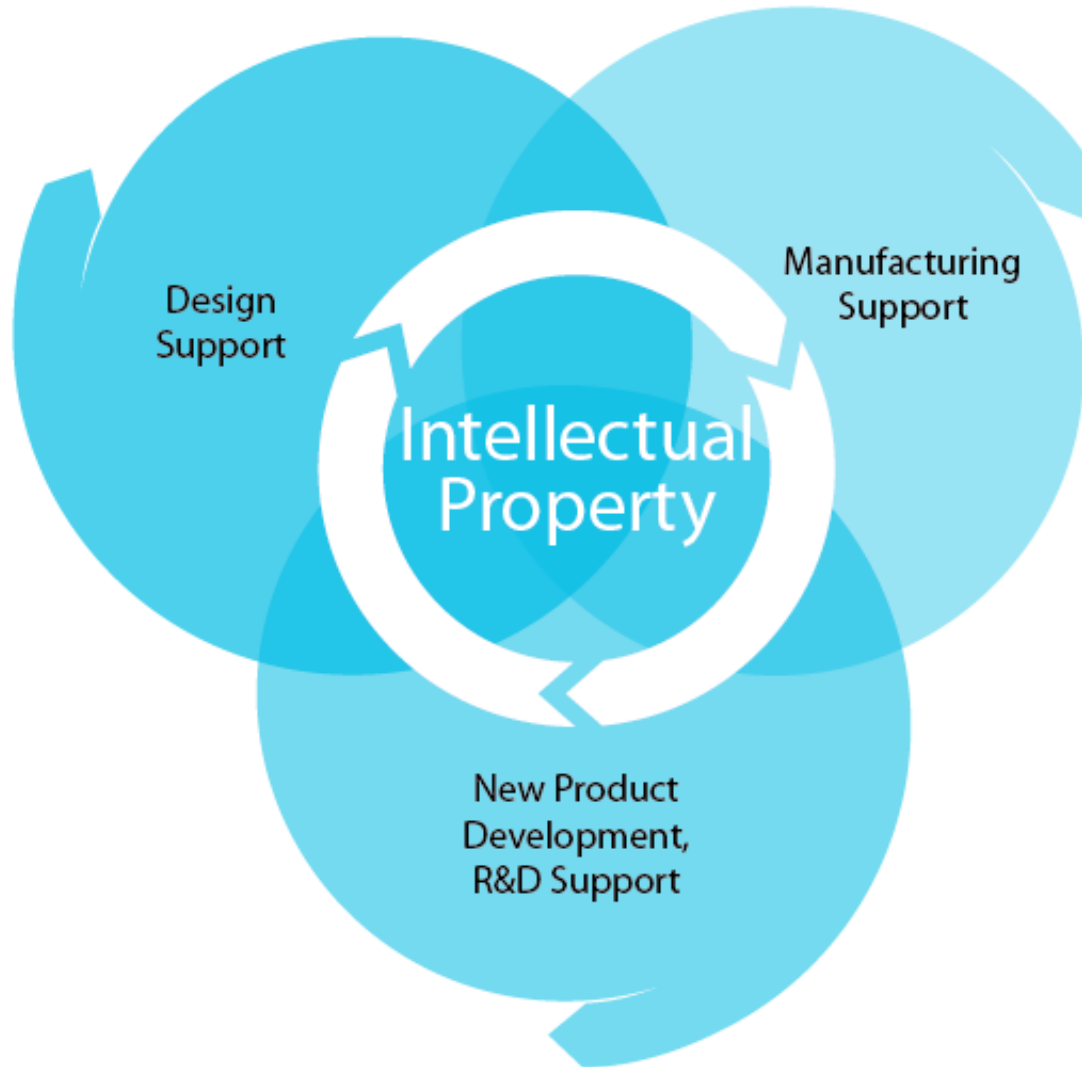
# Business Innovation - Manufacturing

Team of experienced manufacturing specialists can review your business and facilitate access to expertise and potential funding to help your business:

- Utilise space and equipment more efficiently
- Improve operations management
- Achieve lead time reduction
- Implement manufacturing best practice
- Reduce waste through 'lean' principles
- Increase productivity
- Improve supply chain management



# Business Innovation



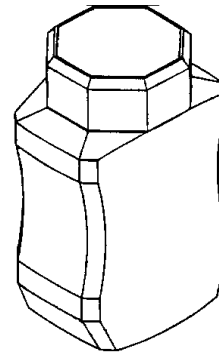
# Business Innovation - Intellectual Property



- Patents
  - Protects how something works
- Know How
  - Protects trade secrets

*Coca-Cola*

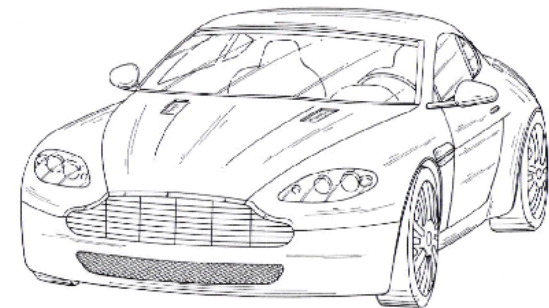
- Trademarks
  - Protects brands



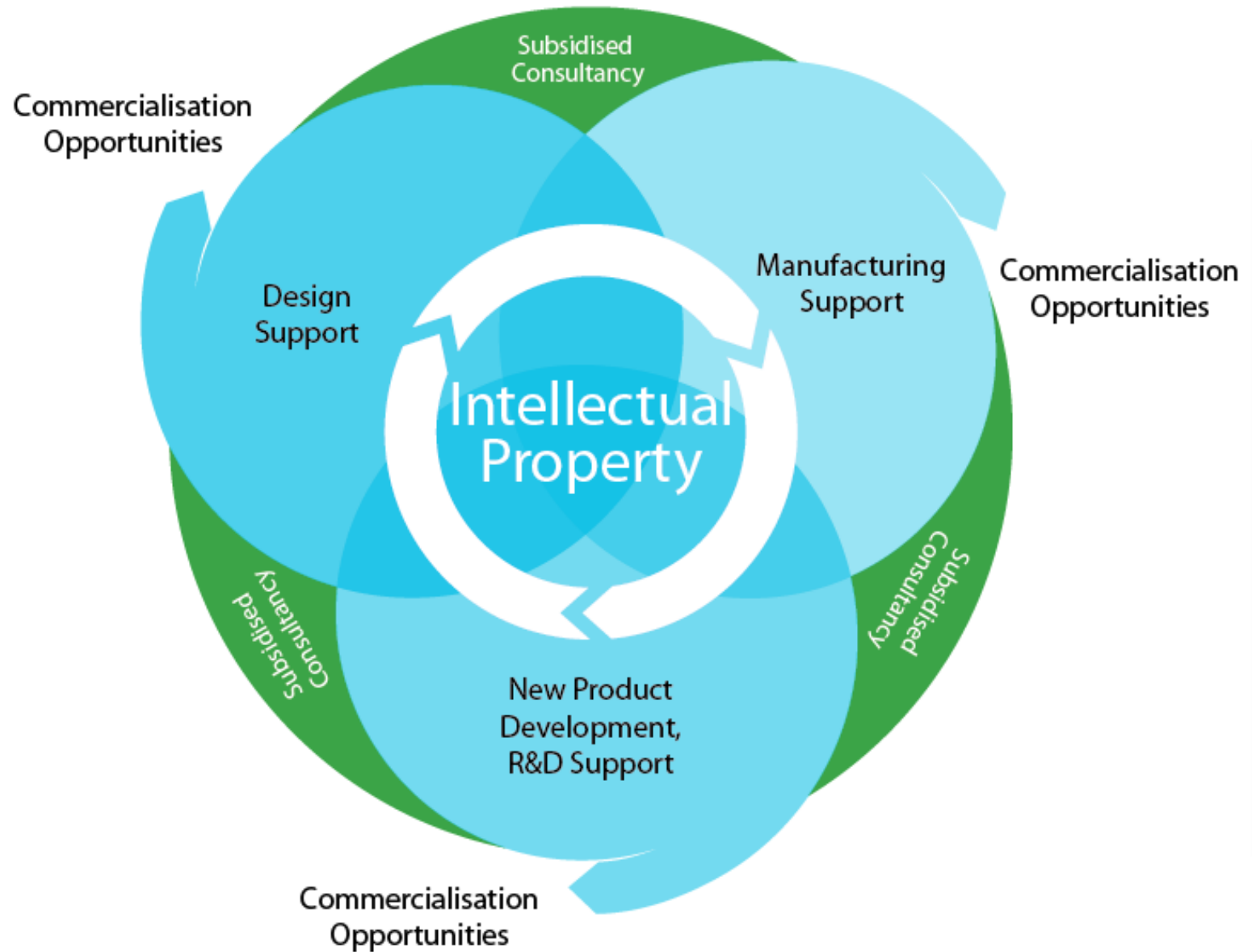
- Design Registration
  - Protects how something looks



- Copyright
  - Protects against copying



# Business Innovation



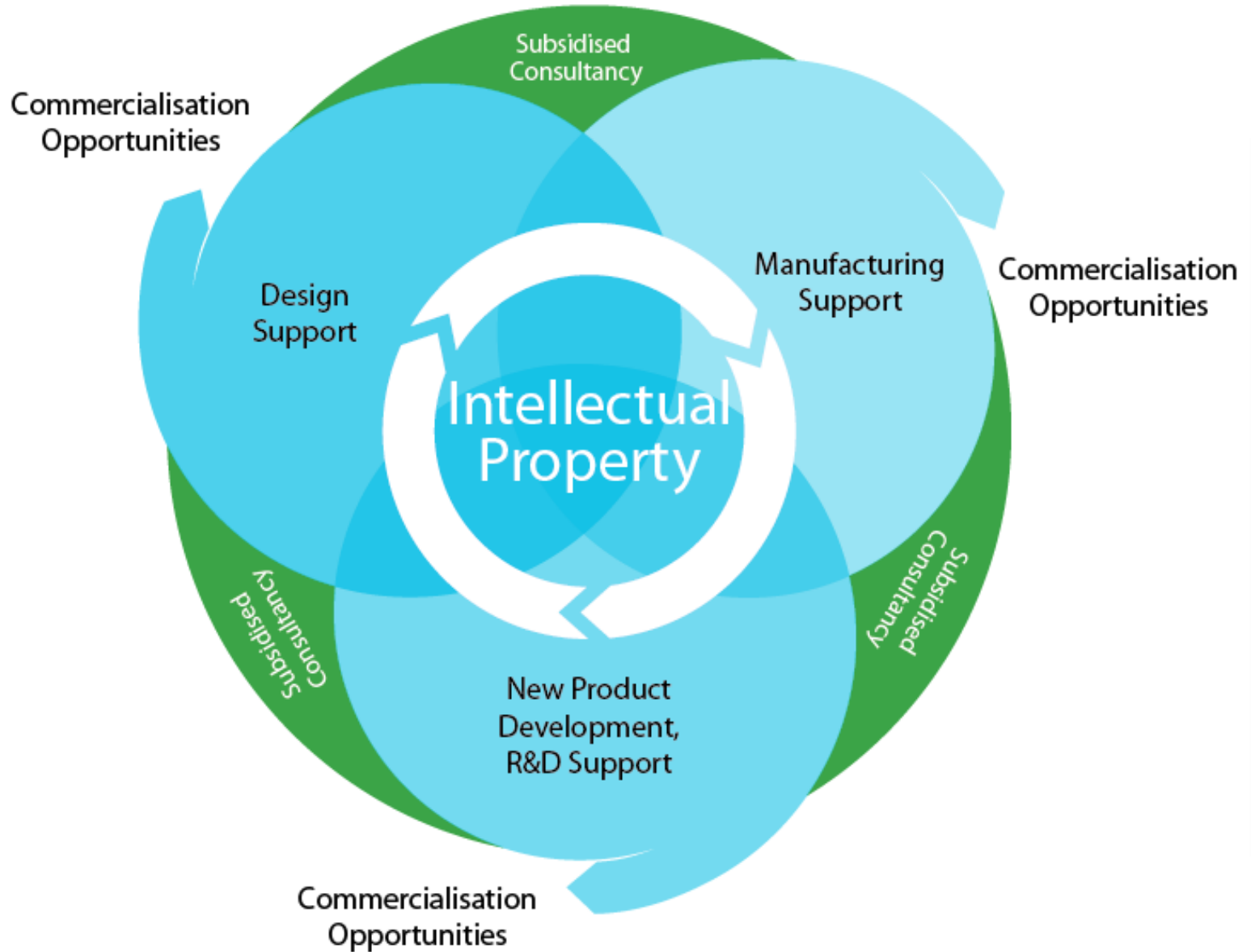
# Business Innovation - Commercialisation

Commercialisation activities include :

- Networking.
- Determine Interests / Specialism / Needs.
- Providing introductions.
- Showcasing.
- Investment & Funding




# Business Innovation



# Business Innovation – Funding Support

**Note - All grants are currently repayable with Terms and Conditions currently under review**

Innovation Vouchers - £10,000 (up to max £20K per annum)

- Procure technical consultancy from the private sector.
  - First attendance at trade shows
  - Collaboration with Universities and Colleges.
  - Procurement of expert services for Intellectual Property registration.
  - Innovation Specialists can provide access to R&D funding for NPD.
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# RD & I – Funding Support

## **Technical & Commercial Feasibility**

Investigation of the commercial and technological viability of innovative product concepts **Deliverable:** Feasibility Report

## **Industrial Research**

Structured research that will lead to the development of new products or processes.

**Deliverable:** Basic working model

## **Experimental Development**

Application of research to prove new products, including conceptual formulation and designs and the creation and testing of a pre-production prototype.

**Deliverable:** Pre-production prototype

## **Exploitation**

Funding to assist with the exploitation of the products previously assisted with RD&I funding. e.g. Marketing, Publicity, Product Certification Etc.

# RD & I – Funding Support

## RD&I support for Small Enterprises

| Description               | Technical and Commercial Feasibility | Industrial Research | Experimental Development | Exploitation   |
|---------------------------|--------------------------------------|---------------------|--------------------------|----------------|
| Max. % age<br>Max funding | 75%<br>£15,000                       | 70%<br>£100,000     | 45%<br>£200,000          | 50%<br>£20,000 |
| <b>Phase duration</b>     | 1 to 6 months                        | 3 to 12 months      | 6 to 24 months           | Up to 6 months |

## RD&I support for Large Enterprises

| Description               | Technical and Commercial Feasibility | Industrial Research | Experimental Development | Exploitation   |
|---------------------------|--------------------------------------|---------------------|--------------------------|----------------|
| Max. % age<br>Max funding | 65%<br>£15,000                       | 50%<br>£100,000     | 25%<br>£200,000          | 50%<br>£20,000 |
| <b>Phase duration</b>     | 1 to 6 months                        | 3 to 12 months      | 6 to 24 months           | Up to 6 months |



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