

The £6m Mirage Project



A Scottish FIRST in global manufacturing

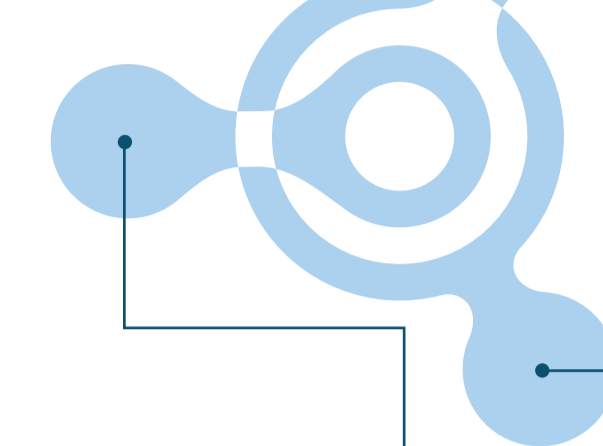
CENSIS announces a ground-breaking collaborative R&D project which will allow Scottish companies to exploit the global sensors and imaging systems (SIS) market.

Significant economic growth for Scotland:

£56m over 10 years

The Mirage Project will see CENSIS supporting five organisations to produce and grow new compound semiconductor materials in Scotland and reshore manufacturing from Asia.

The project will give Scotland a new platform to develop and manufacture cutting edge sensor products for multiple global markets.

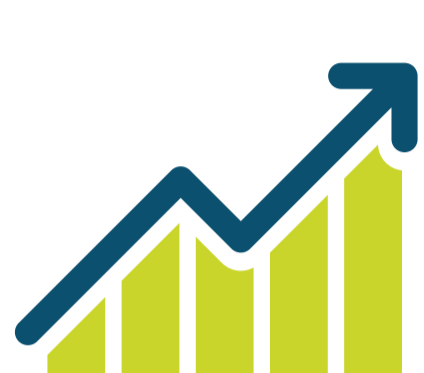


Hi-tech manufacturing jobs will return to Scotland from Asia.

Strengthened supply chain of businesses and technical expertise in the Scottish SIS industry.



Individual company growth



Mirage aims to boost turnover for the businesses involved by

£135 million

and cut their production costs by

50%

The project will give companies involved an important competitive edge in the mid-IR sensors market, predicted to grow to a value of

£7 billion by 2019



State-of-the-art technology to develop new products

Access to III-V semiconductors will result in cutting-edge, quality mid-IR sensors in high volumes with greater sensitivity, lower cost, reduced energy use and a longer lifespan than existing products.

PRODUCTS AND APPLICATIONS:

The materials will enable development and manufacturing of a vast range of products for these growing markets

Homeland security

Military communications

Infra red imaging

Ultra-sensitive chemical detection

Medical diagnostics

Industrial process controls

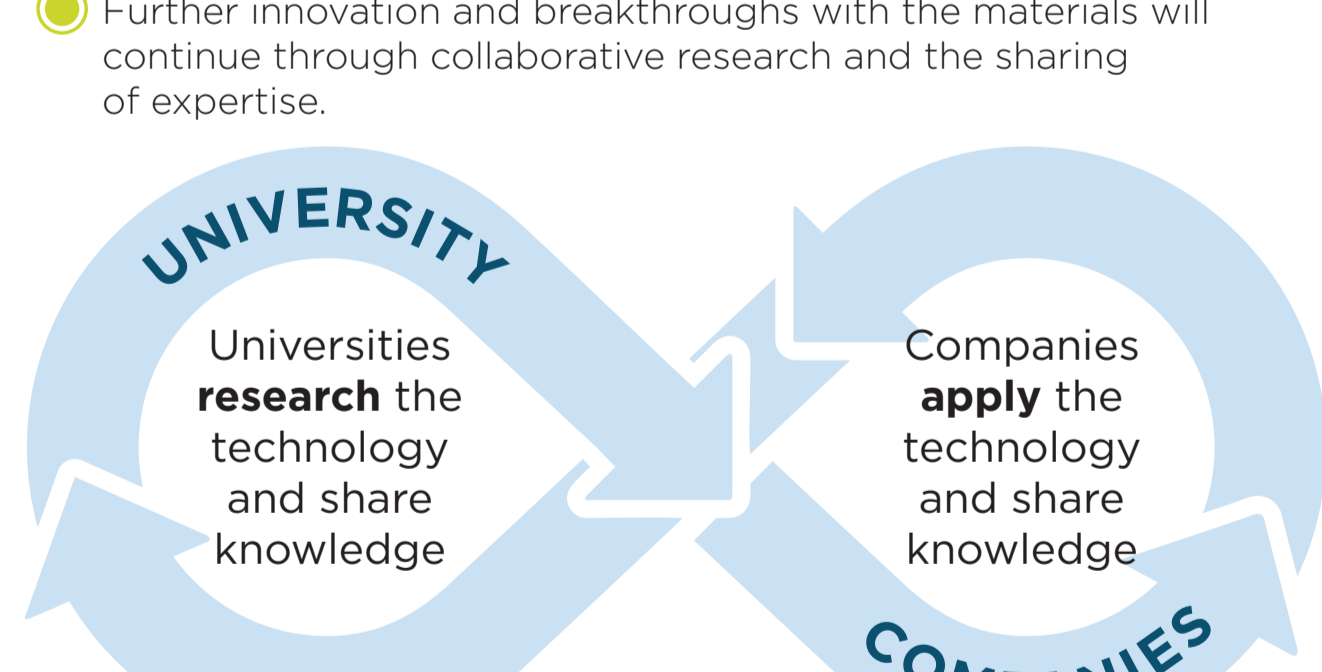
Remote gas leak detection

Pollution monitoring

Real-time combustion controls

Future innovation: a culture shift

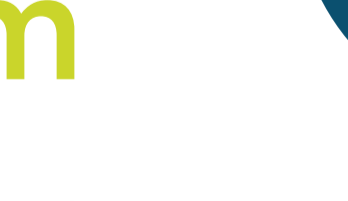
- This project will have a disproportionately positive impact on Scottish industry and is a game-changer for collaborative R&D
- The organisations involved will be at the forefront of global trends and in a unique position to access new markets, ultimately creating a globally competitive supply chain of businesses
- Further innovation and breakthroughs with the materials will continue through collaborative research and the sharing of expertise.



Funding



£2.8m



£2.3m



£.25m

+ Capital Equipment

