

Advantage Scotland

**CIA** | Chemical  
Industries  
Association

Working for chemical and  
pharmaceutical businesses

## Working together – Scotland's Chemical Industry

The Scottish chemical sciences sector makes a huge contribution to our balance of payments, with around £2.7 billion of exports annually and accounting for around 25% of all Scottish manufacturing by turnover. The sector has the second highest Gross Value Added (GVA) per employee of any industry in Scotland at £181,700.

One of the most commonly used phrases in any language is 'working together'. In Scotland's chemical and pharmaceutical industry we believe that to be essential. By 'working together' we ensure that we successfully manufacture products and technologies that deliver vital medicines, essential foods, innovative communications, efficient transport and many other everyday necessities. By working together we also ensure a strong contribution to the environmental, social and economic life of Scotland.

What we make ensures energy saving of twice the amount used in our manufacturing operations. Around 70,000 Scottish jobs depend on what we do and we continue to be the nation's number one manufacturing exporter.

We cannot do any of this without working together. Working together with our workforce, with the population of Scotland, with the neighbours who live close to our factories, laboratories and offices; working together with policymakers, regulators and Governments in Scotland and in Europe.

**We want to work with Government and politicians of all parties as well as other stakeholders. Work with us to continue to build the future of Scotland's chemical and pharmaceutical industry.**





The background of the entire page is a photograph of several white wind turbines standing on rolling green hills under a cloudy sky. The turbines are positioned at different heights and angles, creating a sense of depth.

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## Help us to continue serving Scotland

- **ENERGY** : The chemical industry provides the base products that help the supply chain reduce its carbon emissions, facilitating the Scottish Government's world leading aims in climate change targets. A report by McKinsey shows that the products of the chemical industry deliver an energy saving of almost three times that used in their manufacture. Nevertheless the industry is highly energy intensive and cost and resilience of supply are key issues in determining investment plans, competitiveness in the global market and attracting inward investment. The industry therefore needs a secure local and competitively priced source of energy and we believe unconventional gas needs to be part of the energy mix going forward. With reducing supplies of gas from the north sea, several large companies in Scotland are also looking to unconventional gas as an important feedstock going forward. We would therefore urge the Scottish Government to lift the ban on shale gas exploration at the earliest opportunity and work with industry to secure this vital resource in a safe way which prevents environmental damage and provides benefits to the local population.
- **REGULATION** : The Industrial Emissions Directive is likely to cost Scottish companies hundreds of millions of pounds. Industry and regulators need to work together over several years to ensure the Best available technique REference documents (BREFs) which are being updated are cost proportionate and deliver the expected environmental benefit. In order to achieve this we ask for SEPA to be adequately resourced to work on this important area for the next 5-7 years.
- **SKILLS** : The availability of appropriately skilled people from apprentices to graduate engineers continues to be a significant issue for the industry. Although Skills Development Scotland are working well with industry to understand and address key issues, there remains an issue with funding and availability of suitable people. We urge government to work with industry to promote STEM subjects and careers and to provide adequate funding for training at the sub-degree level.

### Contacts:

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