




Science Industry Partnership

Introducing the Science Industry Partnership

Employers working in partnership with government to establish the skills needed to build a high value, competent scientific workforce to support future productivity and growth for British business.



Our Objectives

- **Grow:** To have a pipeline of skilled people with the capability, drive and ambition to build a globally competitive science-based sector
- **Retain:** To support the development of a diverse workforce to acquire the skills it needed to adopt new technologies
- **Attract:** To promote STEM careers and improve the understanding of scientific knowledge and skills

Supported by

Cogent skills
for science industries

Who are we



The members of Science Industry Partnership (SIP) have formed a powerful, collective approach to skills on behalf of the science-based sector.

We recognise the urgent and common need to build a skills pipeline to meet our future ambitions for growth competitiveness and innovation.

We provide one central voice to Government to ensure the science sector is heard and understood, particularly in light of a rapidly developing skills policy landscape related to:

- The Industrial Strategy
- The apprenticeship levy
- The Post 16 Skills Plan

Our Purpose



Our members recognise that all parties from employers and Government to education institutes and local authorities need to understand and develop the skills required for our workforce today and tomorrow. We need to ensure:

- Clear pathways into our roles are available to young people
- That take up is encouraged and promoted
- That the very best specialist training provision is in place
- That there is a continuous re-skilling of the workforce to build capability to deploy new technologies

Our Drivers



The Fourth Industrial Revolution sees a blurring of technologies across the physical, digital, and biological realms and is leading to new and exciting jobs in our sector, including those that involve:

- Artificial Intelligence and informatics
- Synthetic biology and biotechnology
- Advanced manufacturing
- Formulation technology
- Materials science

Our Strategy



In order to meet UK skills challenges the SIP conducts regular research to provide the evidence base on skills and in turn set out key recommendations.

The SIP conducts research to improve understanding of the skills is needs of both life sciences and industrial sciences employers. We generate labour market intelligence, skills intelligence, skills foresighting and econometric data on behalf of the members, to inform policy and employers' skills strategies.

Our 2030 Skills Strategy is currently underway, and this will give us robust evidence upon which to

develop and plan for our workforce needs.

This will deliver:

- An assessment of the current sector skills base and identification of the new skills demand for research and development and medicines manufacturing
- A review of vocational skills training, including gap analysis of training provision
- A study of workforce skills capacity and needs, in a global context up to 2030

SIP Membership Benefits

Strategic Influence

- Providing leadership on skills for the sector, delivery partner in the Industrial Strategy
- Influencing Government Skills Policy by providing input and expertise
- Clear proposals on what employers need, for example levy flexibility, quality skills provision
- Collaborating to secure national and regional investment in skills
- Forecasting sectoral skills needs and evidencing skills gaps and shortages
- Inputting to the national skills agenda via the SIP Board
- Contributing to evidence-based reports for example SIP Apprenticeship Survey, 2030 Skills Strategy

Collaborative Activity and Outcomes

- Membership of both regional and national Skills Groups including:
 - SIP Process Industries (SIPPI) the SIP's dedicated strategic forum to address skills needs in the process industries
 - SIP North East
 - SIP Cambridge
 - SIP Liverpool
- SIP in the regions embraces the Science Industry Apprenticeship Consortium (SIAC) to recruit apprenticeship cohorts.*
- Development of apprenticeship standards programmes to meet sector needs
 - Membership of the SIP Ambassador Programme and access to training and support materials
 - Influence over training and education delivery and government funding

Life Science and Industrial Science Trailblazer

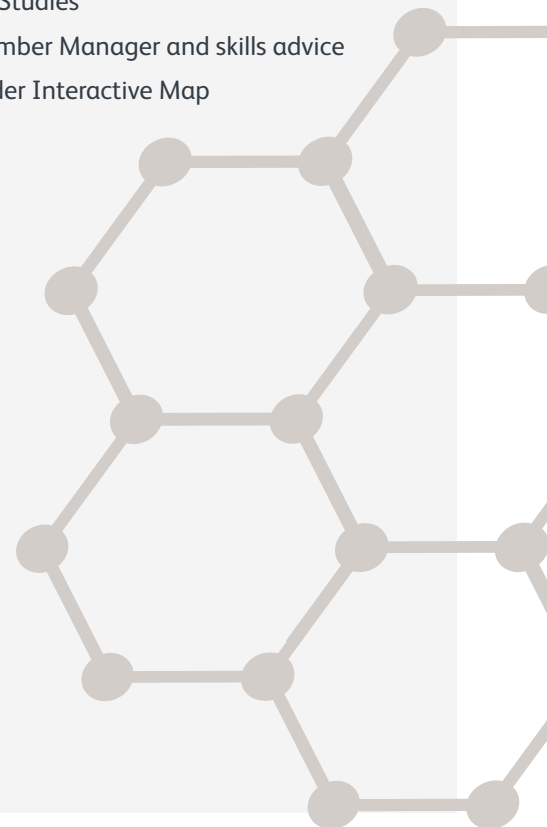
Employer members from the Science Industry Partnership (SIP) are the Trailblazers of apprenticeship reform. The SIP is facilitating and supporting the development of new apprenticeship standards to underpin the skills agenda of SIP Membership companies, in particular those standards under the umbrella of the Life & Industrial Sciences Trailblazer Group.

SIP also tracks and monitors the development and progress of other science, health or engineering standards led by other Trailblazer Groups and these may also be of interest to SIP members.

www.scienceindustrypartnership.com/working-groups/trailblazers/

Individual Member Value

- Complimentary membership days:
 - Apprenticeship Benchmarking
 - Competence Management Workshop
 - Comprehensive SIP Ambassador training
- Skills & Policy Updates, SIP Webinars, SIP Website
- Standards Activity Report
- Member Case Studies
- Dedicated Member Manager and skills advice
- Training Provider Interactive Map



Membership of the Science Industry Partnership provides access to:

Complimentary Membership Days

You can select a number of complimentary Membership Days, based on your organisation's allocation, from the following menu:

Competence Management System Review

Using a targeted process our consultants work with you to benchmark your current Competence Management System, policies and procedures to identify any gaps or areas for improvement. (This uses two membership days.)

Apprenticeship Standards Benchmarking

We can guide you in utilising your levy by working together to understand your organisational and employee structure (departments and job roles) and map applicable standards to this.

SIP Insights Consultancy

Working with you to support your talent development programmes, through compiling secondary research to underpin your People Strategy and help you to benchmark your approach.

Strategic Support Day

A two way discussion with you and your team with your Member Manager about initiatives that will support your company's skills ambition.

SIP Ambassador Training and Resources

SIP Ambassador training is available to all members. Training days are fully interactive sessions hosted onsite at your company, which includes practice delivering careers activities using the SIP 'Futures in Science' Resources. The number of training days available per year are allocated depending on the size of the company.

Fees

Size of company (in the UK)	Fee	Benefits
1000+ employees	£25,000	5 membership days, 5 SIP Ambassador training sessions and all of the above
750 - 999 employees	£20,000	4 membership days, 4 SIP Ambassador training sessions and all of the above
500 - 749 employees	£15,000	3 membership days, 3 SIP Ambassador training sessions and all of the above
250 - 499 employees	£10,000	2 membership days, 2 SIP Ambassador training sessions and all of the above
100 - 249 employees	£5,000	1 membership day, 1 SIP Ambassador training session and all of the above
Less than 100 employees	£1,000	SIP Newsletters and SIP website. Ability to enrol employees onto an open SIP Ambassador training session

Membership of the SIP Board

Membership of the SIP Board is available to members if they wish to take a formal role in representing the SIP and developing skills strategy.

Membership of SIP in the regions

SIP members working together to address regional skills needs: membership of a SIP Regional Group provides access to the Science Industry Apprenticeship Consortium (SIAC) which facilitates the recruitment of cohorts of apprenticeships training on common standards.

Membership of the Science Industry Process Industries Forum (SIPPI)

SIPPI is the SIP strategic forum that addresses the skills interests of the chemical, petrochemical and petroleum industries; it takes the national coordinating lead role for competence.

SIP Resources

Regular Policy Updates, expert webinars, SIP website including interactive Provider Map, Newsletters.

Member Manager

Review meetings with a dedicated Member Manager to help you maximise membership.



Contact us:

For a discussion about SIP membership please contact the SIP Membership help desk.

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