

# Value and Vision

## SIP Vision

*“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.”*

The members of Science Industry Partnership (SIP) have formed a powerful, collective approach to skills on behalf of the science-based sector, recognising the urgent and common need to build a skills pipeline to meet future ambitions for growth, competitiveness and innovation.

*“2020 is an important year for us; we have already launched our Life Sciences 2030 Strategy; above all, the SIP is uniquely focused on vocational skills and continues to play a key role in ensuring apprenticeships are embraced by the sector. Our Operational Plan sets out a range of important deliverables in this space, with an ambition of 4000 apprentices in our sector by 2021.”*

Dr Malcolm Skingle, SIP Chair



## Looking Back

Since 2015, the SIP has supported or delivered these key achievements:



### A SIP Skills Strategy to 2030

Setting out priority areas to target with action and solutions

### The first ever Apprenticeship Survey for the science-industries

with key recommendations

### Over £38m skills investment

Into the sector through successful funded projects

### 650 plus national network of SIP Ambassadors

and counting

### 12 new STEM Apprenticeship Standards

from Level 2-7

### Established the Science Industry Apprenticeship Service (SIAS)

an end-point assessment organisation for the science based industries

### Established the Science Industry Partnership Process Industries (SIPPI)

with responsibility for reviewing competence standards and a direct link to the COMAH Strategic Forum

### Expanded the Science Industry Apprenticeship Consortium (SIAC)

in the North East and now developing SIAC in other regions to boost the uptake of apprenticeships through local cohorts

### SIP Local offers

in Cambridge, Liverpool and the North East – a collective employer member approach to regional skills development, apprenticeship growth, careers outreach and networkings



*“We want the UK to be a science superpower. The creation of new cutting-edge jobs in life sciences will help the UK make rapid progress in areas like early medical diagnosis and manufacturing, as well as helping level up every part of the UK with new opportunities.”*

Business Minister Nadhim Zahawi, commenting on the 2030 Skills Strategy

# Looking Ahead

In **2020**, the SIP reaches five years of being the employer-funded alliance for advancing skills in the science-using industries.



[SIP Liverpool Plus](#) launched in 2019 and fast becoming the key skills networking forum for science employers in the north-west.



[SIP Cambridge](#) is an established skills forum, growing membership and developing local apprenticeship training provision.



[SIP North East](#) is an established skills forum, growing influence across the North East and developing successful local apprenticeship consortia.



The [SIP Ambassador scheme](#) has reached over 650 members, reflecting the importance of inspiring the next generation into the sector.

Futures  Science

[Skills Strategy 2030](#) is engaging with industry and skills partners to ensure that we have the research, manufacturing and technical skills required by our dynamic sector.

Life Sciences 2030  
Skills Strategy

[SIP Apprenticeship Survey 2020](#) is gathering the latest evidence on the demand and supply of apprenticeship skills across the science sector.

Science Industry Partnership  
2020 Apprenticeship Survey

[Science Industry Apprenticeship & Technical Education Group \(SIATE\)](#) is working to ensure that apprenticeship standards and technical education keeps pace with the needs of industry and emerging technologies.

SIATE  
Science Industry Apprenticeship  
and Technical Education Group

Jacqui Hall, Head of Early Careers, BioPharmaceuticals Research & Development at AstraZeneca and Chair of SIP Futures Delivery Group said: *“I’m delighted to be Chairing this new Group. Important work has already commenced on the Skills Action Plan, which is an important vehicle to deliver the Strategy’s recommendations. The Plan has been the subject of a wide-ranging consultation already, and I look forward to working with the Futures Delivery Group to progress some key strategic actions for the Life Sciences Industry.”*



# 2021 and Beyond

The SIP has big ambitions for the future. A clear focus in 2021 and beyond will be to continue the work of the SIP Futures Delivery Group, working with key partners in a collaborative approach to inform investment and growth.

To ensure the apprenticeship system works for employers in the science industries enabling them to derive maximum value with minimum bureaucracy.



Developing an enhanced SIP Careers offer including growing the network of SIP Ambassadors, updating a new range of resources and specialist training.



SIP Local to secure regional and local project income to support SIP delivery.



To grow the SIP membership network and to include more SMEs and supply chain companies.



A refreshed focus for the [Science Industry Partnership Process Industries \(SIPPI\)](#) and continued momentum for this group.



Jon Mason, Chair, Science Industry Partnership Process Industries (SIPPI): "We need an up-to-date understanding of skills gaps from increasing responsibility at management and technician level in our sector. Skills development at management level are also key, strong leadership is vital to an industry which is so dependent on high standards of safety and the management of its environmental impacts."

## Member Benefits



In 2021 the SIP will continue to provide sector leadership on skills and provide value for our members by:

### A voice to Government

One Sector Voice on Skills. Owning the evidence base, developing skills solutions and influencing investment for future workforce skills needs.

### Collaboration and partnership

Working collaboratively with partners-sharing best practice, accessing technical expertise and research and developing new skills solutions.

### Member Services

Providing individual employer support-inspiring the next generation through SIP Ambassadors and supporting the development of quality apprenticeship training provision.

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