


Anticipated economic impacts

- The UK Government has already committed initial £222m investment for early work and concept design. The actual value of delivering STEP and what it will then attract and catalyse is expected to be many more times this.
- Initial estimates of job numbers created are:
 - 2,500-3,500 in construction
 - 600-1,000 in operationswith an estimated 2.5% - 5% apprenticeship intake in both phases, and a similar number graduate intake.
- As estimates, these numbers may change but the volume of employment created will be significant.
- As well as bringing a disused industrial site back into use, STEP can help trigger wider regeneration of the local and regional economy. It is expected to attract a range of associated and supporting activity to the immediate and wider area across the West of Scotland and create a new economic ecosystem and industry base.
- STEP is also expected to bring significant educational and R&D opportunities, from primary school through to post graduate levels.

Partnerships for delivery and growth

- Active engagement with schools is also key; we will work with local schools to ensure the next generation workforce is ready for this technology.
- We will engage industry across the region to explore supply chain, skills and employment opportunities we anticipate the investment will deliver.
- We are already working jointly with the Universities in the wider region as well as Ayrshire College, Skills Development Scotland and the Energy Skills Partnership to demonstrate how a pipeline of skills to support the delivery and operation of STEP can be developed regionally and nationally.



Cross-sector
cooperation in
education,
training &
Research

Supporting Ardeer for STEP

Fusion Forward Ardeer Consortium

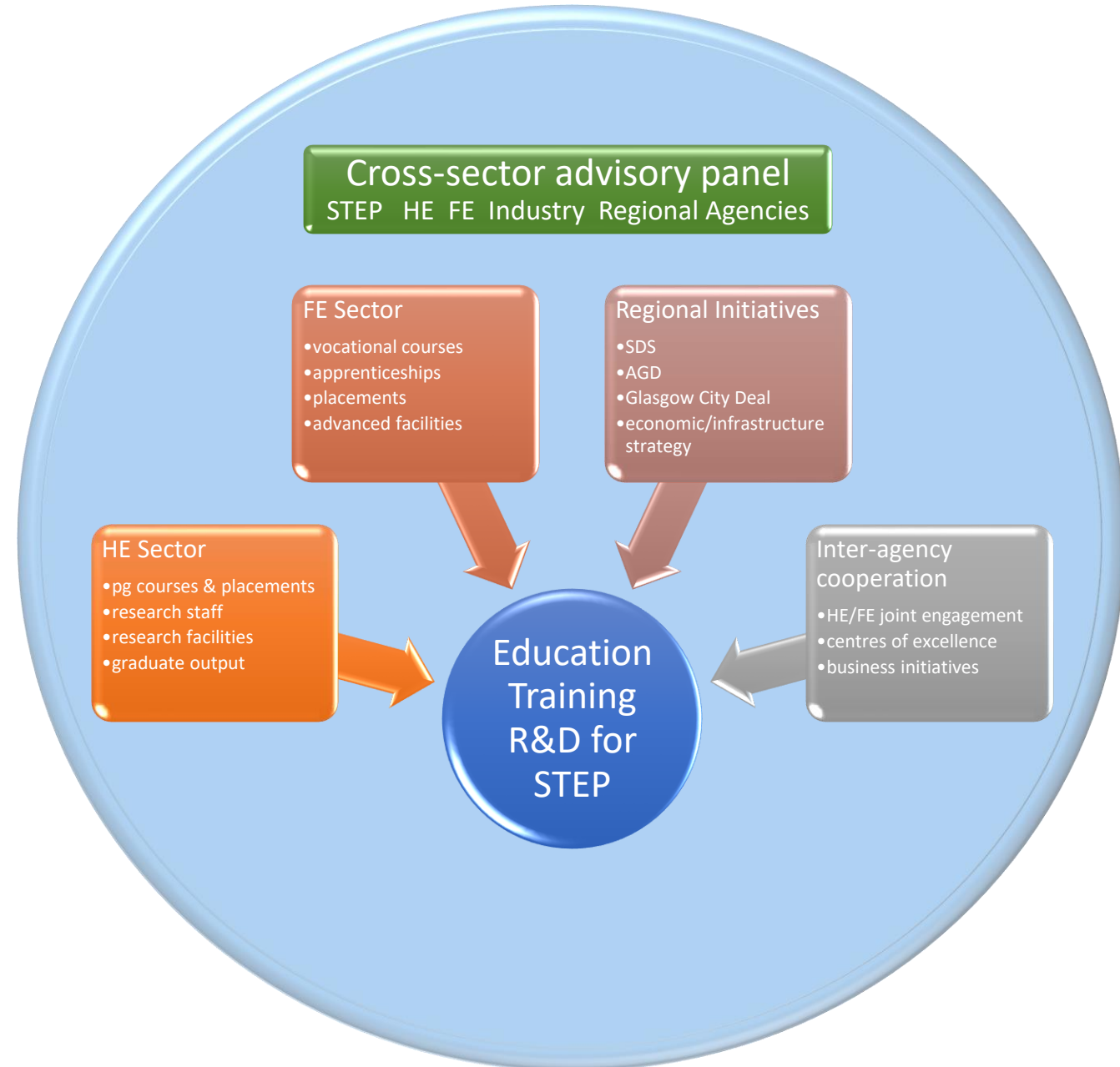
Key Objective

a coordinated research, education and training effort that encompasses STEP requirements, & maximises successful delivery of STEP in Ardeer



CSAP: cross-sector advisory panel

STEP, HE, FE, Industry, LA economic agency



Joined-up thinking to help supply all necessary skills: Ardeer bid demonstrates co-operation at scale

Unprecedented agreement!

- 4 Universities (>90,000 students)
- key FE colleges in Glasgow City and Ayrshire (>45,600 students)
- CSAP will review needs and suggest sector responses to help develop comprehensive workforce training to STEP at all stages

Nature of activity	Institution/organisation						
	Univ of Glasgow	Univ of West of Scotland	Ayrshire College ^a	Univ of Strathclyde	Glasgow Caledonian University	Glasgow Clyde College ^b	City of Glasgow College
Foundation apprenticeship			✓			✓	✓
Modern apprenticeship	✓	✓	✓	✓		✓	✓
Graduate apprenticeship	✓	✓		✓	✓		
NC			✓			✓	✓
HNC			✓ ¹			✓	✓
HND			✓			✓	✓
First Degree	✓	✓		✓	✓		
Integrated masters	✓	✓		✓	✓		
Taught Masters	✓	✓		✓	✓		
PhD	✓	✓		✓	✓		
Pooled tuition*	✓	✓		✓	✓		
Existing cross-sector cooperation	✓	✓	✓ ²	✓	✓	✓	✓
Training for Industry partners	✓	✓	✓	✓	✓	✓	✓
External student project placement	✓		✓	✓	✓	✓	✓
Postdoctoral Research	✓	✓		✓	✓		
Academic research	✓	✓		✓	✓		

*SUPA (Scottish University Physics Alliance), SRPe (Scottish Research Partnership in Engineering), SINAPSE (Scottish Imaging Network – a Platform for Scientific Excellence), ScotCHEM (Scottish Chemistry), SICSA (Scottish Informatics and Computer Science Alliance), ETP (Energy Technology Partnership)

^a Campuses at Ayr, Kilmarnock and Kilwinning ^b campuses at Anniesland, Cardonald, Langside

Partnerships for delivery and growth

- Ardeer and the wider area already benefits from the Ayrshire Growth Deal and Glasgow City Region Deal
- This represents a combined investment from UK and Scottish Governments, and Local Authorities, of almost £1.3bn, delivering enabling infrastructure, innovation, and skills, across the West of Scotland.
- This means partnerships and infrastructure for delivery of major investment programmes is already in place across eleven local authorities.
- The Growth Deal and City Region Deal are catalysing innovation and collaboration in key sectors, including energy, advanced manufacturing, and technology, as well as delivering economic infrastructure and strong working partnerships with leading academic institutions.
- Ayrshire Growth Deal has a focus on Energy, Circular Economy and Environment, to support innovation and development in energy products.
- The Ayrshire Clean Growth Group has been established to develop an economic recovery and renewal plan that will tackle climate change.

Community Wealth Building and STEP

- A Community Wealth Building approach will ensure we achieve maximum benefit from STEP for local communities and businesses.
- Community Wealth Building is about unlocking social, economic and environmental justice for communities. It presents an opportunity to add value and make best use of the initial public funding of STEP, by ensuring the long-term investment benefits are fully maximised and firmly embedded within the region. As a result, the STEP investment would play a key role in tackling regional poverty and inequality.
- It means working in partnership with communities and businesses to build a stronger, fairer and more inclusive economy which supports fair work, encourages local spend and uses the assets we own and powers we have to maximise local economic opportunities and benefit local people.