

EDT Continuum of schemes

First Edition



Hands-on STEM activity days for Year 7-10 & S1-S4 (11-15 yr old) pupils

Go4SET



Environmentally themed 10 week STEM projects for Year 8/9 & S2 (12-14 yr old) pupils

Open Industry



Curriculum focussed in-company educational experiences for students of all ages

Engineering Education Scheme
England & Scotland



Real life 6 month STEM projects for Year 12 & S5 (16-17 yr old) students

Headstart



STEM experience courses at university for Year 12 & S5 (16-17 yr old) students

The Year in Industry



Career development paid work placements for Pre-university and Undergraduate students



Sector issues

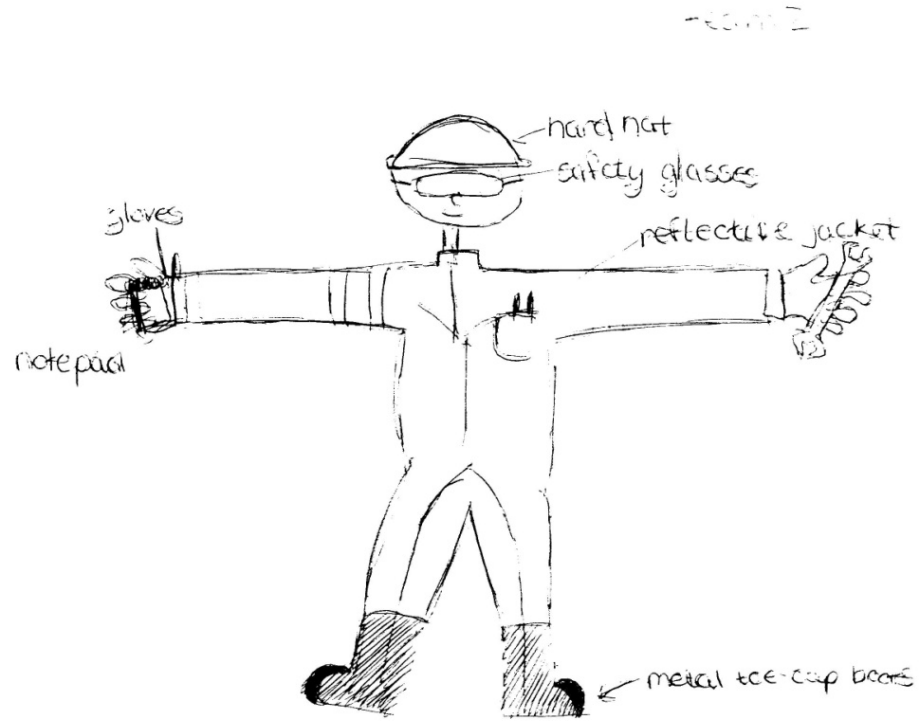
- Poor perception of engineering within schools
- Knowledge and involvement in existing skill initiatives
- A lack of sector talent pipeline of future skills, through focussed activities ,including school based initiatives.
- Low awareness of talent map route, for potential career students
- Workforce demographics



EDT Presentation



Inspiring future engineers & scientists



CREYS DE 1967

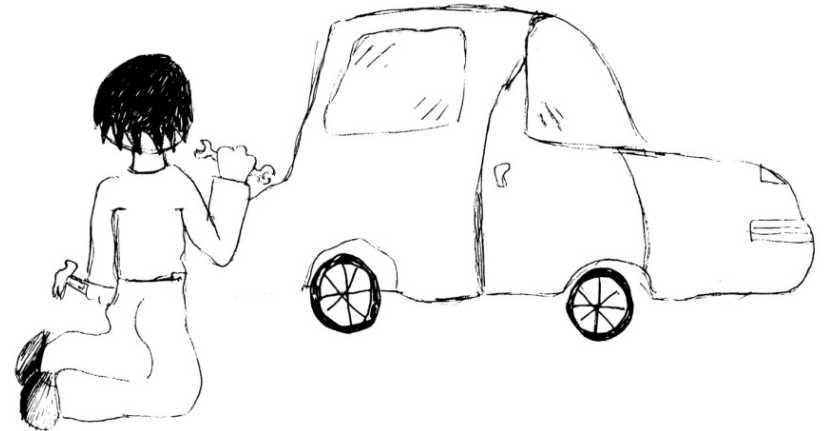
SCHOOL TEAM 2



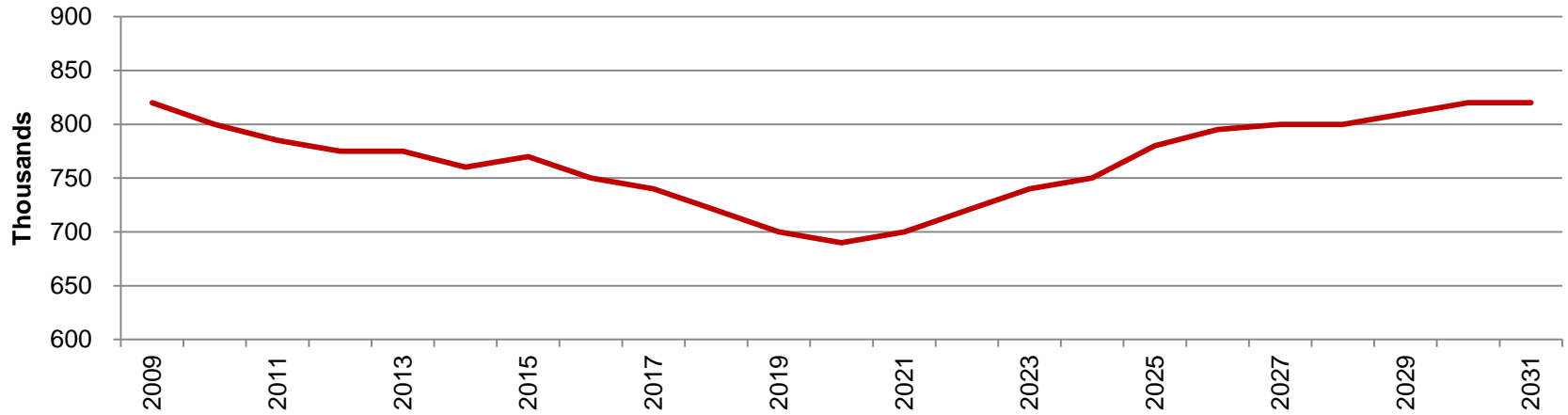
EDT Presentation



Inspiring future engineers & scientists



Projected 18-year-old UK Population (2006 Base Year)



% Female applicant numbers in Engineering and Technology

Year	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09
Female %	12.5%	12.0%	11.9%	11.8%	11.7%	12.2%	12.5%	12.3%



Corporate Social Responsibility

“The concept of shared value can be defined as policies and operating practices that enhance the competitiveness of a company - while simultaneously advancing the economic and social conditions in the communities in which it operates.” *Michael Porter, Harvard*

Developing the economic value of a community, where an industry is based through supporting and developing local skill potential ,increases the success of a sustainable pull through of influenced talent *Duncan McSporran, EDT*

EDT Continuum of schemes

First Edition



Hands-on STEM activity days for Year 7-10 & S1-S4 (11-15 yr old) pupils

Go4SET



Environmentally themed 10 week STEM projects for Year 8/9 & S2 (12-14 yr old) pupils

Open Industry



Curriculum focussed in-company educational experiences for students of all ages

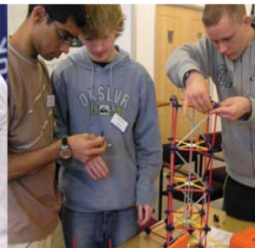
Engineering Education Scheme

England & Scotland



Real life 6 month STEM projects for Year 12 & S5 (16-17 yr old) students

Headstart



STEM experience courses at university for Year 12 & S5 (16-17 yr old) students

The Year in Industry

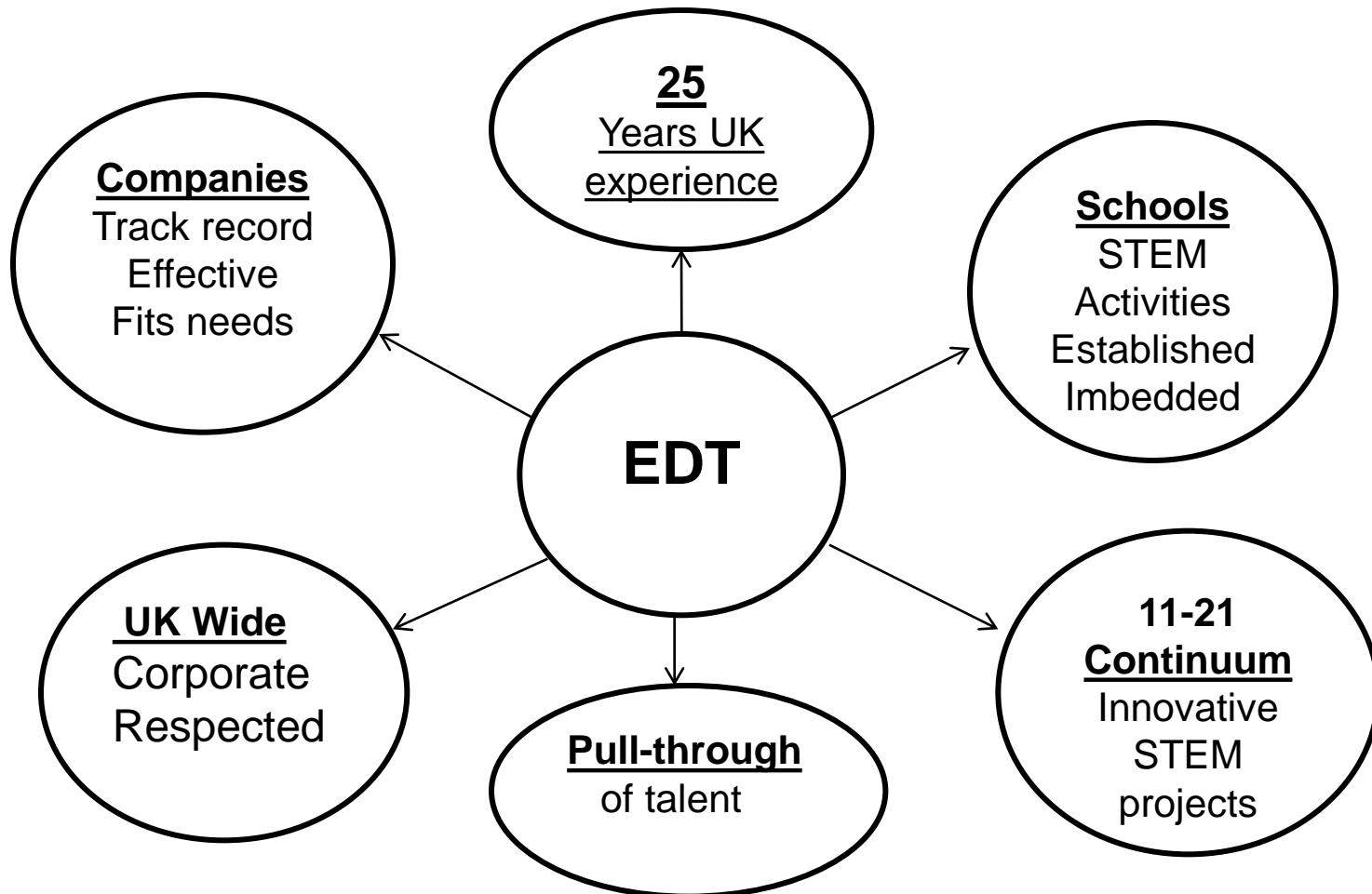


Career development paid work placements for Pre-university and Undergraduate students



- 12000 students involved in engineering awareness
- 100+ schools p.a. (80% state)
- 100+ teachers involved
- 200 companies participating each year
- 1000 company employees mentoring students
- 6 participating universities
- 12,500 have been placed in jobs via Year in Industry
- EDT holds ~ 30 major engineering events each year

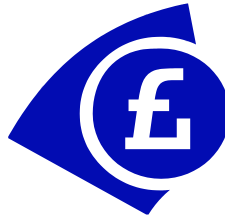
Engineering Development Trust



How to be involved

Company / sector buy-in

- Focussed strategy
- Ring-fenced funds
- Science Ambassadors
- Ideally 1-3 year plan



MONEY. Sponsorship
Team / Event / Prizes



TIME. Support Annual awards
Host EDT company visits
Support EDT events



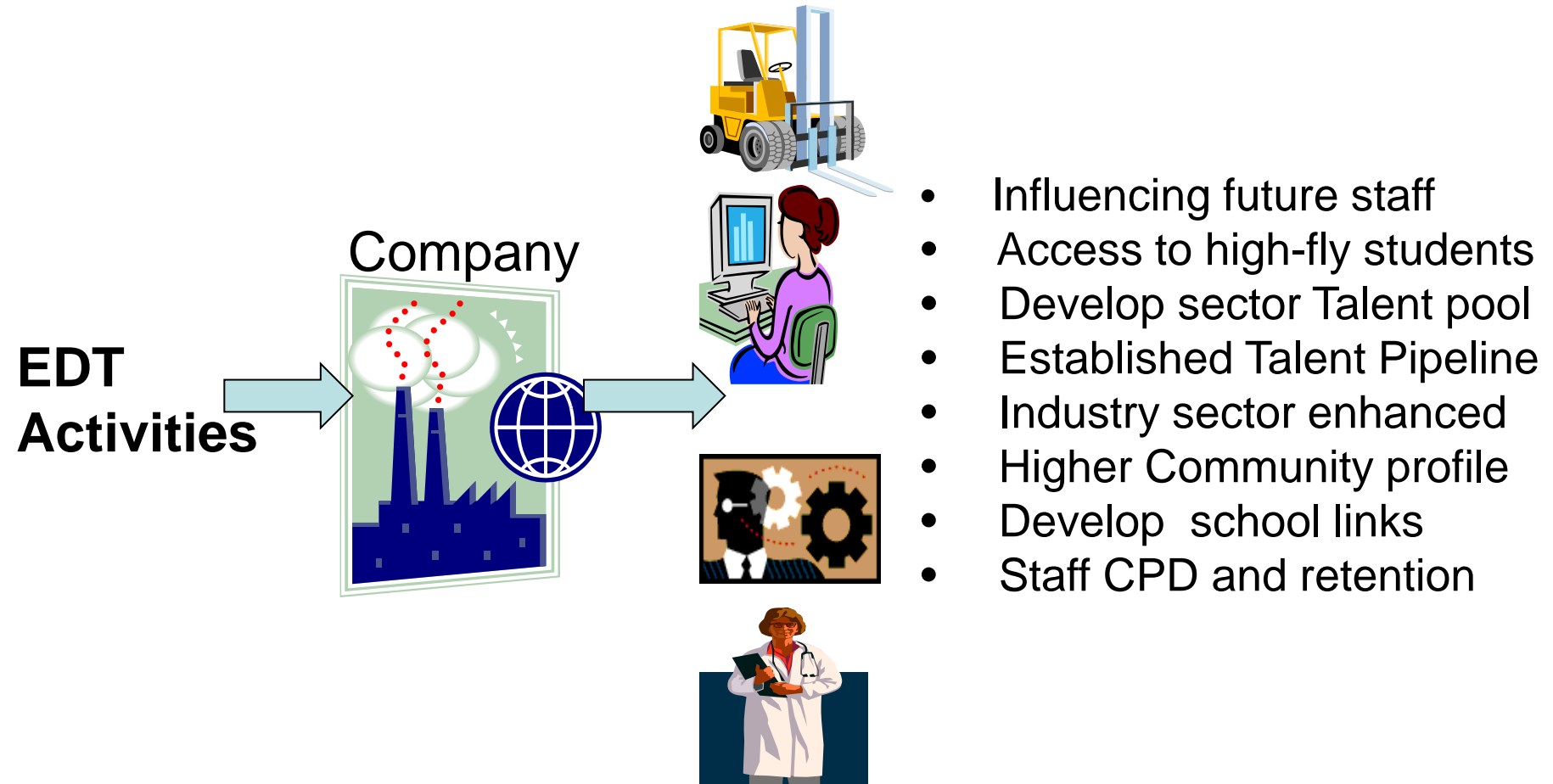
PEOPLE Acting as Mentors
EDT Scotland Advisory Board
Secondment as part of CPD



BOARD See EDT as strategic goal
'Shared value' strategy
Long term investment



EDT Business Model - Benefits



Some of our clients EDT Presentation



EDT

Inspiring future
engineers & scientists



SCOTTISHPOWER



Balfour Beatty

dyson



GlaxoSmithKline

AstraZeneca 

BAE SYSTEMS



AECOM



centrica

ARUP

amec



Rolls-Royce

amec

British Gas

aggreko

nationalgrid

THE POWER OF ACTION

Viridor

TATA STEEL

THALES

ConocoPhillips

ATKINS

EDT Presentation



Inspiring future
engineers & scientists

Develop your own Oil and Gas Sector talent pool

Create
Talent pool

Influence
Students

Recruit
Staff

