Grant Application Workshop
Heriot Watt University
22 May 2018

Knowledge Transfer Partnerships

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Knowledge Transfer Partnerships

• Our KTP programme 2018 to 2019 is run continuously throughout the year.

• KTP creates dynamic connections between businesses and the UK’s world class knowledge base to deliver strategic innovation projects.

• The partnership is mutually beneficial, designed to result in enhanced performance for the business; enriched research applications for the academic team; and a highly fulfilling role for the KTP Associate.
What Are KTPs?

1. KTP Programme running more than 40 years
2. Company driven, strategically important project
3. Partnership with an academic team
4. Employ an “Associate”, a recent graduate often with a Master’s or PhD
5. Deliver new capabilities and a sector leading innovative product/ process
6. Around 100 active Partnerships in Scotland (~700 across UK)
7. Growing - £10million of ADDITIONAL funding is allocated to KTP for the current year
Key Characteristics of KTP

- Project and associate located at business premises with joint business & academic supervision
- KB Supervisor spends approx. half a day per week at the business premises (knowledge exchange)
- The Associate is employed by the university partner, recruited jointly
- Project with high impact, innovation and challenge, coherently planned
- Project length of between 12 & 36 months
- Structured project management
KTP Essential Features

Business
Affordability
Strategic + Net Profit Impact
Can it develop the graduate?

More competitive, wealth creating business
Support partnership fully

Business has strategic needs to address
Company-based project, strategically important, vital knowledge missing.

Impact Research, Teaching, Papers, Placements etc
Vital Knowledge
Transfer & ‘embedding’ of knowledge
Well developed ‘manager of future’

University/Research Organisation
Has it got the missing knowledge? Can it benefit from the project?

Associate (Graduate)
What skills are needed? Will they be stretched and developed?

Innovate UK
Knowledge Transfer Network
www.ktn-uk.org @KTNUK

UK Research and Innovation
INDUSTRIAL STRATEGY
Typical Costs Per Project Year

1. Graduate Salary (Pay £18-38k pa)  £27 - £45k
2. Graduate Development, Travel, Equipment  ~ £6k
3. Access to university expertise and facilities  ~ £30k

Total Package worth  £60 - £85k

SME 67% Grant Support, Cost to Company  £20 - £28k
Large Company 50% Grant Support, Cost to Company  £30 - £42k

Balance funded by KTP Sponsors via Innovate UK
Business Benefits

Benefits per Associate project (averages)

- Increase in annual profit before tax (post KTP) £1,012,000
- Investment in plant and machinery £194,000
- New jobs created 3
- Business staff trained 31
- Investment in other R&D activity £265,000
- Plans for further collaboration 86%
- Improved business performance/ innovation culture 90%
- Anticipated increase in annual exports £967,000

Data from 2013-14 Report
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