THE
DATA LAB
value from data

12:45	Welcome	Brian Hills Head of Data, The Data Lab
12:55	What is an EngD? Overview of the Programme	Professor Saleem Bhatti EngD Director, University of St Andrews
13:10	The Data Lab Prize Studentships	Joshua Ryan-Saha Skills Manager, The Data Lab
13:20	What are the benefits for you as a sponsor?	Professor Saleem Bhatti EngD Director. University of St Andrews
13:30	Questions and Answers / Discussion	Chair - Brian Hills Head of Data, The Data Lab
14:00	Close	Brian Hills Head of Data, The Data Lab

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THE DATA LAB
value from data

- **Value:** Create economic and social value for Scotland through the application of data science.

    + **248** New High Value Jobs

    + **£104m** Additional Revenue in Scottish Economy

- **Enablement:** Facilitate value creation through funding and resources. The goal is not to make a profit or take IP.

- **Market led:** Operating in partnership with Industry, Public Sector and Academia.

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value from data

Collaborative innovation

Projects
- 17 live, £1.8M project value
- Domains: Legal, cybercrime, predictive maintenance, energy, food & drink
- 76 in pipeline

IoT Boost
- With CENSIS and Informatics Ventures
- Awarded to Sansible Wearables

EIT Digital
- Collaboration with Usher on cross jurisdiction data sharing
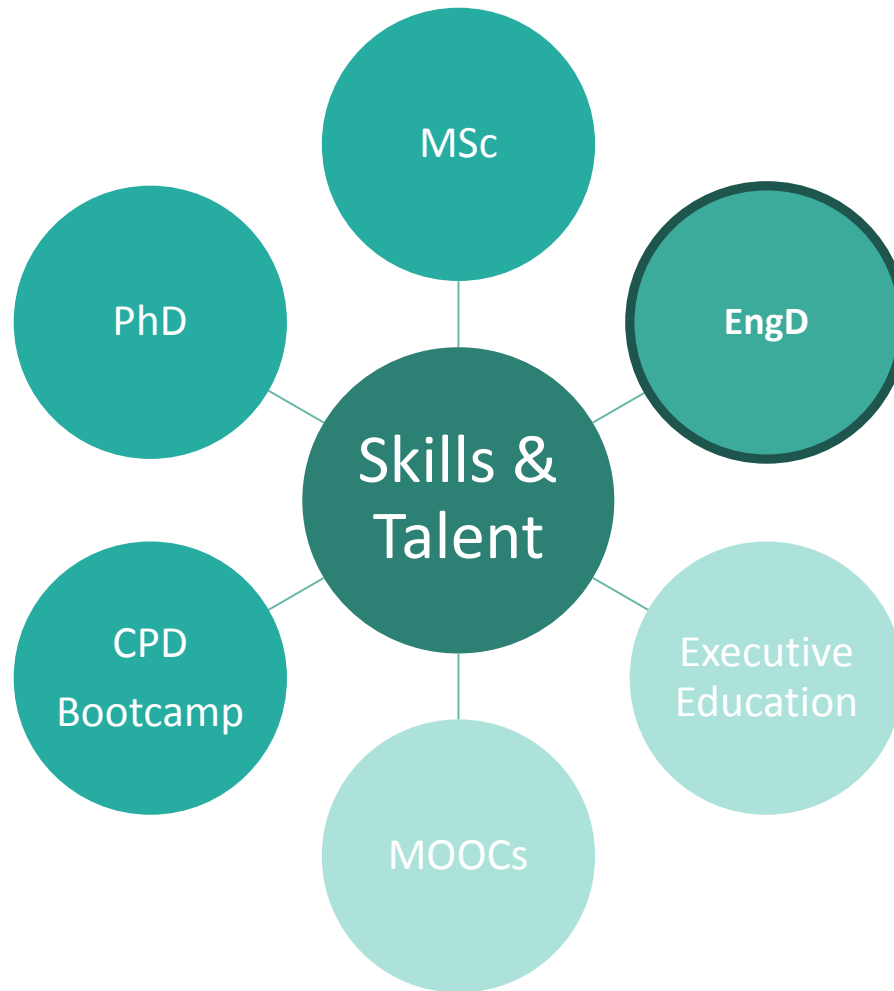
Community building

Major Events
- Big Data Scotland
- Data Talent Scotland
- CTO away day

International events
- NY banking analytics
- Singapore data innovation
- San Jose Strata

Meetups
- Edinburgh, >90 per month
- Aberdeen launch last week
- Glasgow launch in June

- **Explain what an EngD is and how it works**

- **Outline the benefits to your organisation**

- **Explain the cost / process to become an Industrial Sponsor**

- **Offer you the opportunity to ask questions**

5

EngD Places

Sept. 2016

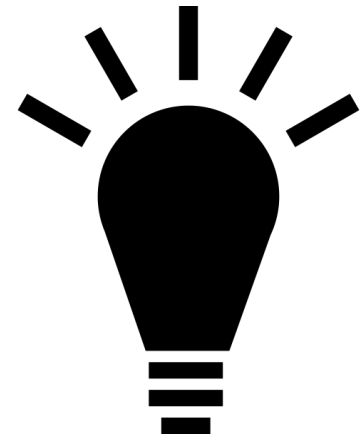Start Date

Criteria for Industry Sponsors

Research must have a positive economic / social impact for Scotland

Base or operations in Scotland

Data-driven / Data-Intensive research

High-quality, innovative Research / New knowledge

The Data Lab funds 50% of costs with fees at UK/EU rate

THE DATA LAB	INDUSTRY SPONSOR
50%	**50%**
£2,060.50 – fees	£2,060.50 – fees
£8,000 – stipend	£8,000 – stipend
Up to £1,500 - additional costs (Approx)	Up to £1,500 - additional costs (Approx)
£11,560.50 p.a. for 4 years	£11,560.50 p.a. for 4 years

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Community

Dissemination

Profile

Visit https://engd.cs.st-andrews.ac.uk/
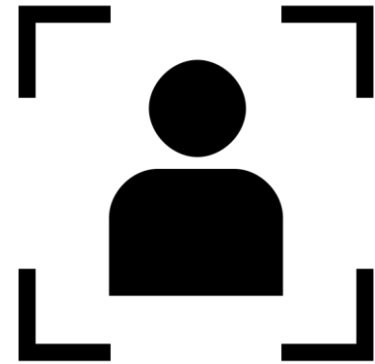
- Application Form for Industry Sponsors / Supervisors indicating problem domain / research interest

- Example Industry Supervisor CVs + Support Letters available

- Identify Industry Supervisor

- Identify possible 'in-house' RE candidates

Target submission date: <u>End of June</u>

Sign-up Timeline

MAY

Launch Event

Website goes live

Proposal Form open for Industry Sponsors
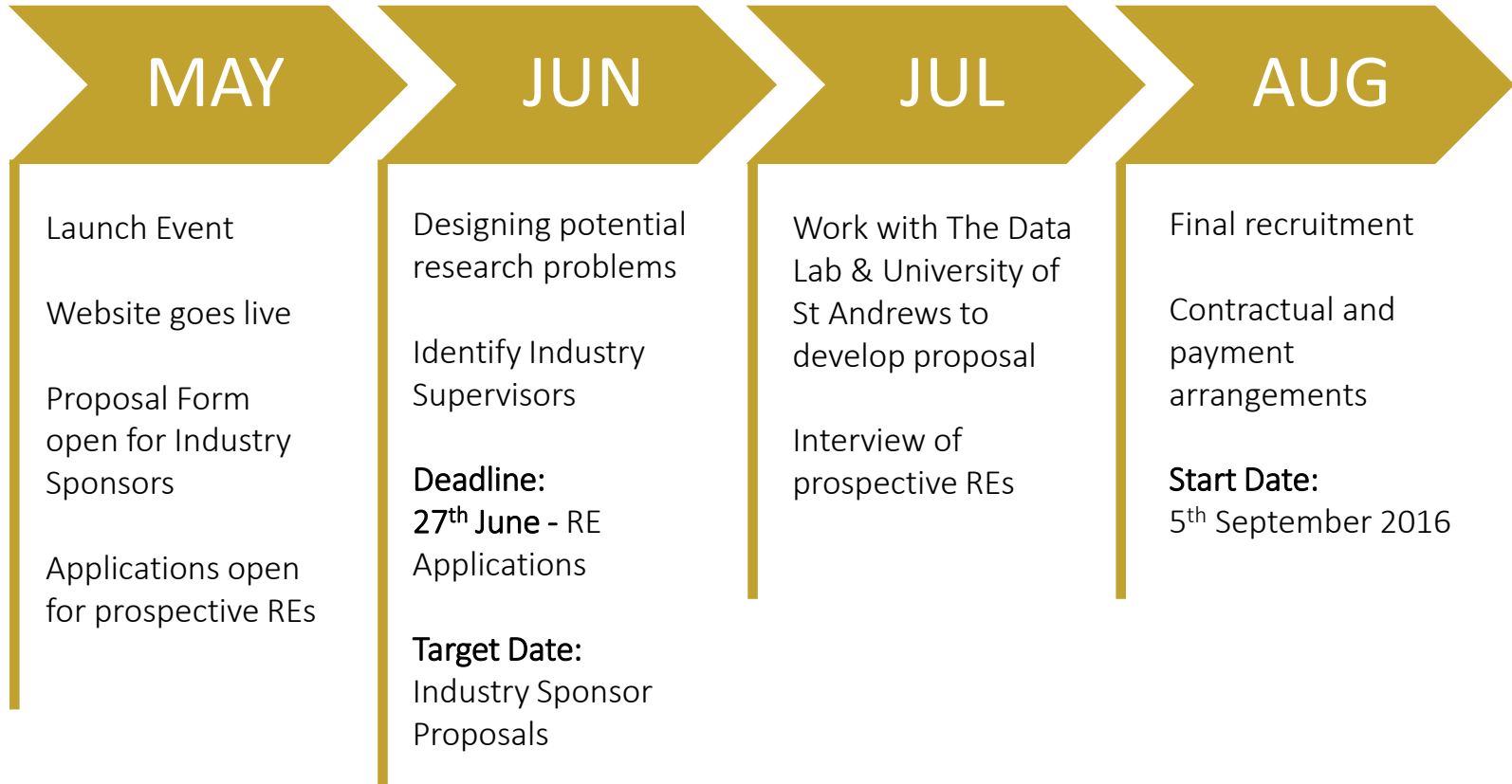
Applications open for prospective REs

JUN

Designing potential research problems

Identify Industry Supervisors

Deadline:
27th June - RE Applications

Target Date:
Industry Sponsor Proposals

JUL

Work with The Data Lab & University of St Andrews to develop proposal

Interview of prospective REs

AUG

Final recruitment

Contractual and payment arrangements

Start Date:
5th September 2016

- **RE candidates apply via website**

- **Industry Sponsor can identify candidates from within**

- **Candidates must meet minimum requirement**

- **Matching / Interviews - chaired by Industry Sponsor, and including The Data Lab & University of St Andrews**

Course Timeline

2016

Research Training Component
Semester 1

Background Reading

Individual Research Component (1)
(with Industry Sponsor) begins

Possible exemption dependent on RE experience & qualifications

2017

Individual Research Component (1)
Continues

Research Training Component
Semester 2

Individual Research Component (2)
begins

2018

Individual Research Component (2)

2019

Individual Research Component (2)
Completion

Final write-up

Submission and *viva voce* examination