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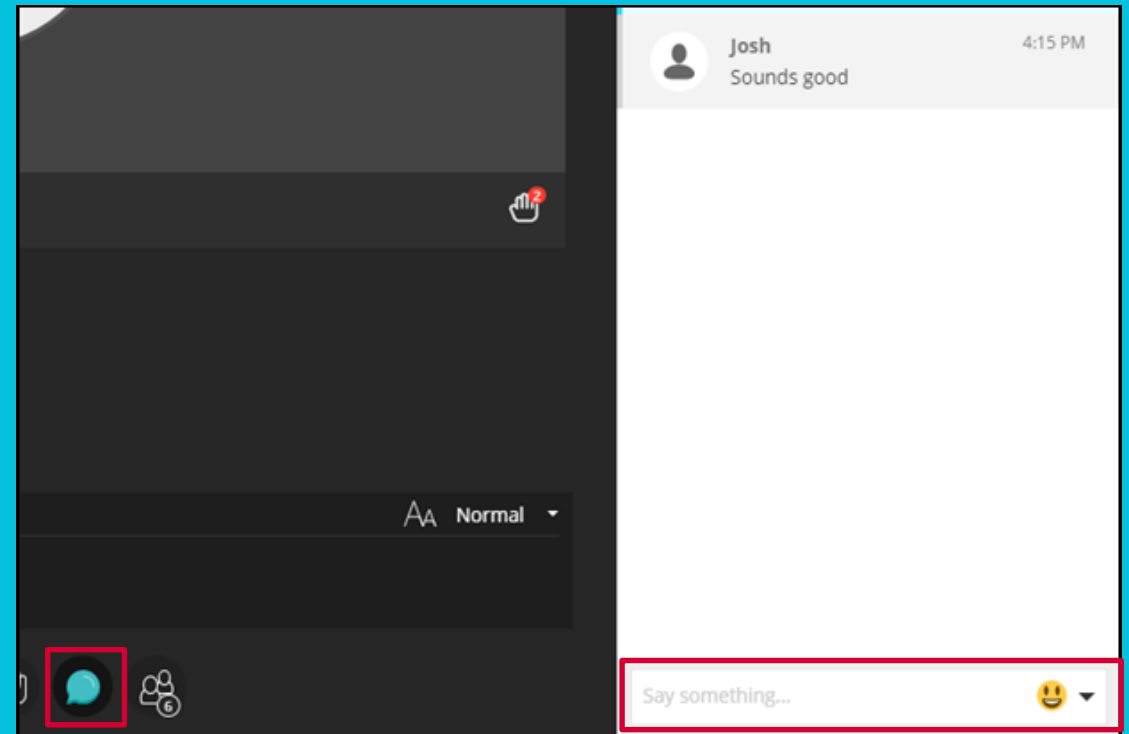
**Information for students- MSc Projects with Industry**

**Feb 2022**

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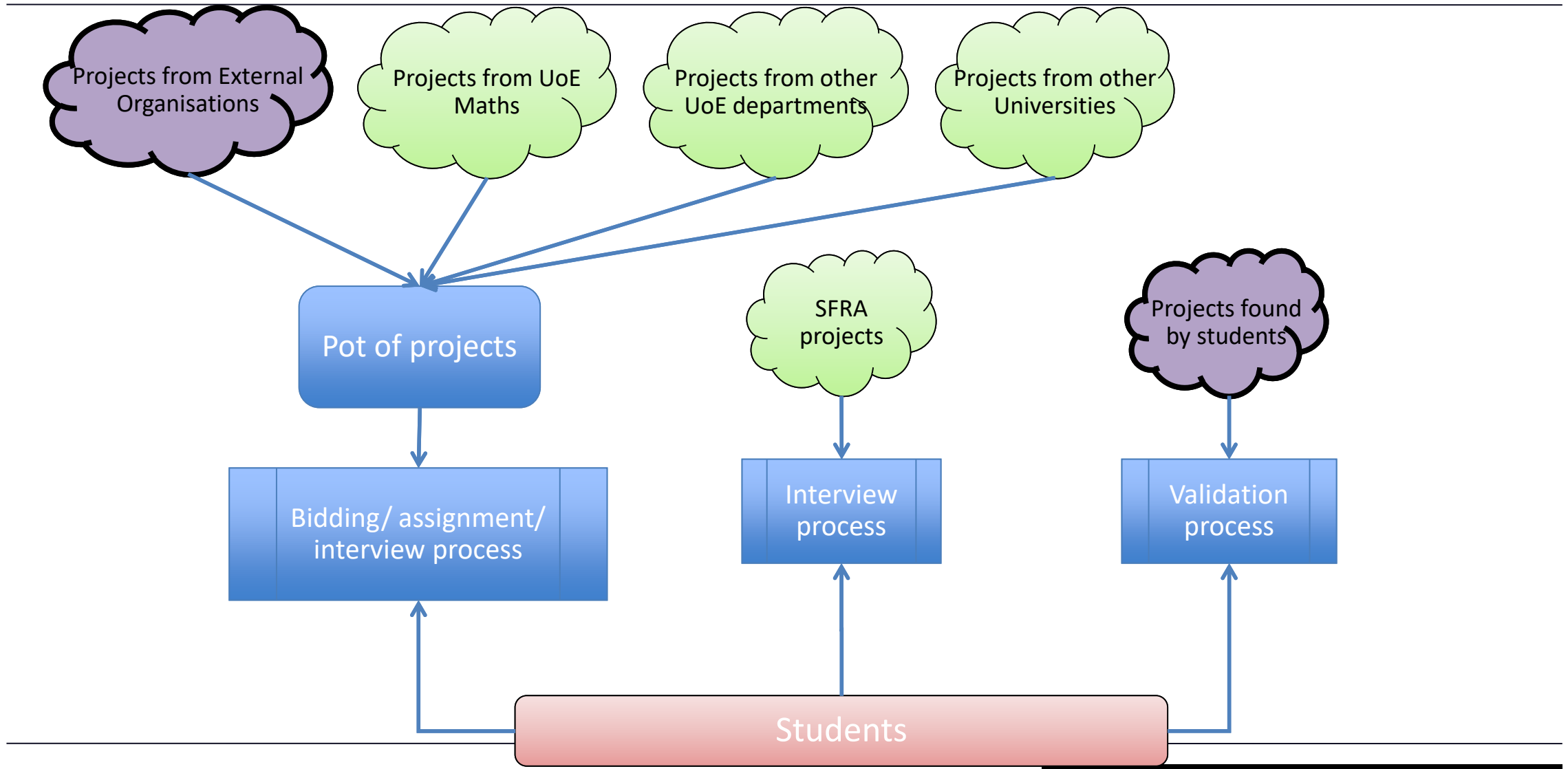


## Information for Students - MSc Projects

### **Projects with an industry partner – Rosie Wilkie**

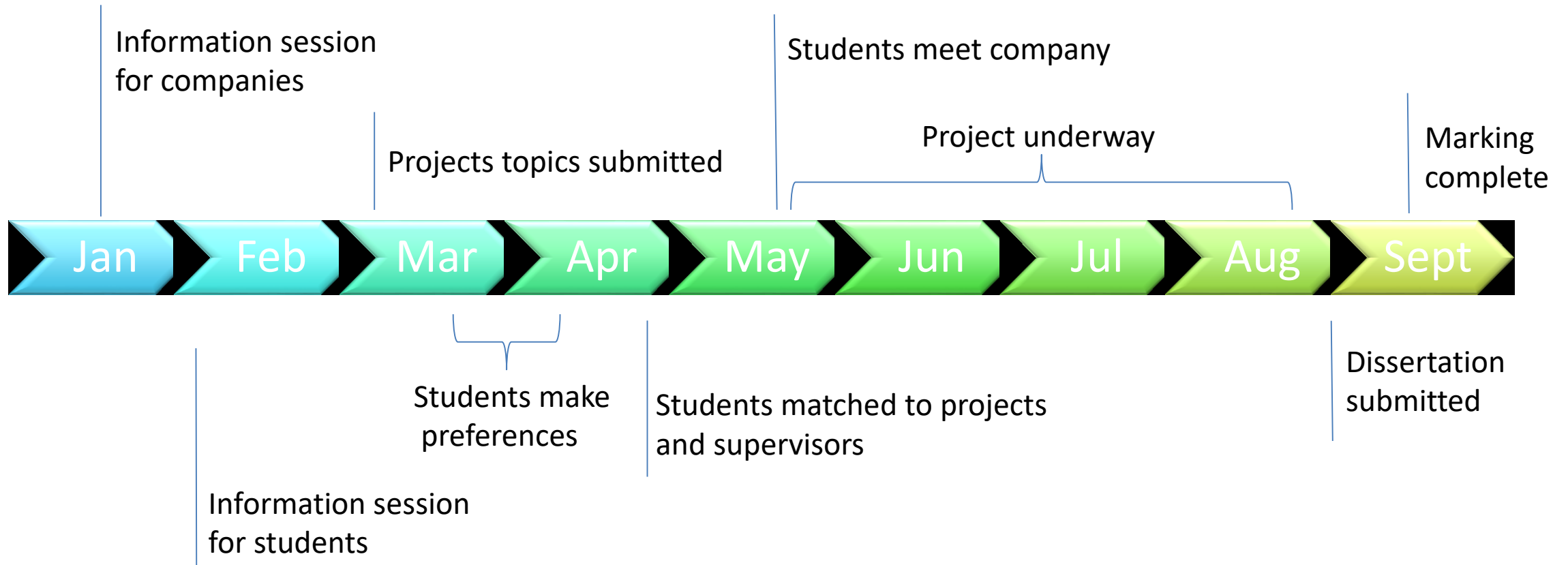
- Project sources and high level timeline
- Benefits from these types of projects
- Examples of past partners
- Considerations when working with an industry partner

### **Sourcing your own project – Matt Vickers**





# MSc Project Timeline





## Why do a project with an industry partner?

- You may prefer a more applied “real life” project?
- Build your networks
- Employers may recruit students who have already worked for them
- Excellent experience for your CV / discuss at interview
- Show you can work in the UK and gain a UK reference
- Develop your people and relationship skills
- **Projects with an industry partner can benefit you even if you plan to continue in a teaching and research role**



## Who have we worked with before?

### Consultancy Services

Sopra Steria  
IBM  
KPMG  
Arup

### Central Government

NHS  
Public Health Scotland  
Scottish Government  
GORS

### Energy Systems

Wood MacKenzie  
EMEC  
TNEI  
Upside Energy

### Banking and Finance

NatWest  
Baillie Gifford  
Money Dashboard  
Barclays

### Others

Nextail  
Smartify  
Edinburgh Airport  
Optrak Distribution





## What happen to other students who did these projects?

**Quentin Dhumeaux**, MSc in OR with Data science, 2019

- Dissertation title: “Modelling temporary accommodation in England (using Time series forecasting and clustering)” - DWP
- Current role: “Operational Researcher in the Department for Work and Pensions - Universal Credit forecasting”
- LinkedIn: [www.linkedin.com/in/quentin-dhumeaux-51b38114b](https://www.linkedin.com/in/quentin-dhumeaux-51b38114b)

**Xiaodong Xi**, MSc Operational Research with Data Science, 2018

- Dissertation title “Diagnostics to Assess Credit Model Risks for Neural Network Models” – NatWest (RBS)
- Current Role : Model Risk Data Scientist, NatWest
- LinkedIn: <https://www.linkedin.com/in/xiaodong-xi-4a878911a>

**Vincent van Ham**, MSc Operational Research with Data Science, 2016

- Dissertation title “Optimal patient throughput in Red Cross hospital, Beverwijk”
- Capacity Manager, Red Cross Hospital, Beverwijk (Rode Kruis Ziekenhuis)
- LinkedIn: [Vincent van Ham | LinkedIn](#)



## Other things to consider

- Supervision; both industry and academic
- Communication tools, remote working, time differences
- Confidentiality of data and commercial information
- Important to be proactive and be able to work independantly
- You will likely need to research a domain topic as well as the maths methodology
- Try to meet others in the team (not just your supervisor).
- We would love you to write a blog/social media post about your project