

# **Getting on the Right Track**

## **Chemical Tracking at Imperial College**

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IT Project Manager

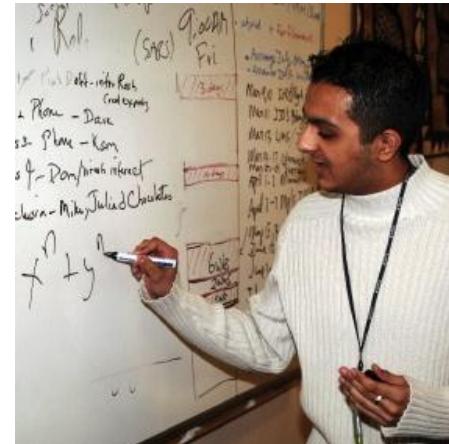
# Key Facts about Imperial College

## Our Student profile

- 8,885 undergraduates
- 3,082 taught postgraduates
- 3,248 research postgraduates

## Our Staff profile

- 3,392 academic and research staff
- 3,006 support staff
- 2,225 honorary staff
- 1,117 academic & visiting researchers



# Key Facts about Imperial College

**£705m** Turnover

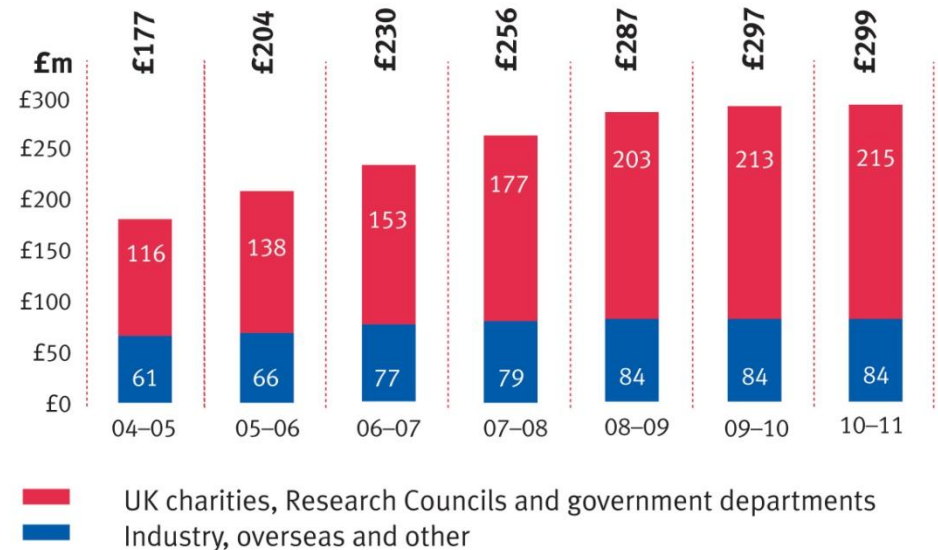
**£33m** College capital  
expenditure

**£138m** Fees from  
students

**£299m** Total research  
income

(figures from 2010-11 Financial  
Accounts)

Research income (£ in millions)



## Key Facts about Imperial College

### *Times Higher Education Supplement*

#### World University Rankings:

- |                                   |                                 |  |
|-----------------------------------|---------------------------------|--|
| • <b>3<sup>rd</sup></b> in Europe | <b>8<sup>th</sup></b> in world  | <b>overall</b>                               |
| • <b>4<sup>th</sup></b> in Europe | <b>10<sup>th</sup></b> in world | <b>for engineering and technology</b>        |
| • <b>3<sup>rd</sup></b> in Europe | <b>9<sup>th</sup></b> in world  | <b>for life sciences</b>                     |
| • <b>3<sup>rd</sup></b> in Europe | <b>5<sup>th</sup></b> in world  | <b>for clinical, pre clinical and health</b> |
| • <b>4<sup>th</sup></b> in Europe | <b>13<sup>th</sup></b> in world | <b>for physical sciences</b>                 |



### *Times Good University Guide 2011*

- **4<sup>th</sup>** in UK



### *Sunday Times Good University Guide 2011*

- **14<sup>th</sup>** in UK



## Chemical Tracking Project Background

### Business justification

- Laboratory supply chain (i.e. identification, acquisition, use and disposal of chemicals) identified as one area of major risk for higher education institutions in the UK
- Pressure from police authorities to change number of business processes to strengthen the management and control of hazardous products and materials
- Both operational and reputational risks to College given that we spend £15m per annum on a complex range of laboratory products and materials of which £1.5m is chemicals related
- College's Oracle e-Procurement system did not meet the requirements for tracking hazardous chemicals

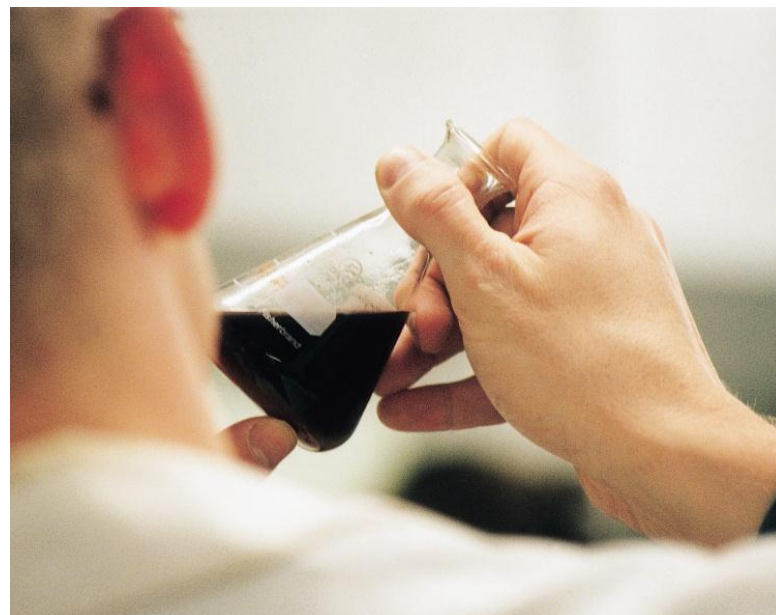


## Chemical Tracking Project Background - Timeline

- Supplier selection late 2010
- Implemented SciQuest Marketplace in March 2011
- Project kick off of SciQuest Enterprise Reagent Manager in August 2011
- Process review and modelling September-November 2011 with departments and VWR
- Started test implementation in November 2011 and finished in late February 2012
- Identified the need for ChemAxon data cartridge in December 2011
- Integration and user testing March - April 2012
- Go Live 14 May 2012 with 4 groups in Chemistry
- Rest of Chemistry for 4-6 months
- Who is next???

## Technical Challenges

- Interfaces with other College systems – ERM to i-Procurement & i-Procurement to ERM
- Structure drawing tools debate
- Late requirement for a data cartridge
- Integration of 3<sup>rd</sup> party products with ERM – ChemDraw, ChemAxon data cartridge
- Hidden configuration





## Process Related Challenges

- Different processes for ordering and receiving chemicals across 5 campuses
- Level of engagement in Chemistry is not mirrored in other departments/faculties
- Few admin/technicians in other departments - system seen as an admin burden
- The 'Chemistry' model may not be scalable (or down scalable) to other departments - both staff and hardware
- Insufficient consultation with other departments on the initial configuration of the system
- No one business owner





## What lies ahead?

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- Monitoring the success of the pilot
- Choosing the next candidate department
- Understanding methods of ensuring compliance and who is responsible for compliance
- Using ERM for inventory control of lab supplies
- Using ERM for the management of radio isotopes
- New version and enhanced functionality

# Questions?

