



Association for Project Management (APM)

Advancing the skills of project managers in the pharmaceuticals and life sciences sector

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Introduction – the challenge

- **Successful project delivery under new levels of scrutiny:**
 - Industry profile
 - Newly complex stakeholder groups
 - Political pressures
 - Unprecedented pace of change
- **UK science and technology sector is leading the field but sector is already constrained:**
 - Supply chain delays and manufacturing capacity issues
 - Skills and experience shortage
- **Collaboration, flexibility, innovation** are key to successful project delivery in 2021



The sector presents an enormous opportunity

- **APM Golden Thread: life sciences contribution**
 - £17.5 billion to the UK economy
 - 223,800 full-time equivalent workers
- **The Office for National Statistics (ONS) findings:**
 - UK government's expenditure on research and development grew from £2.3 billion to £37.1 billion in 2018
 - 1.71% of GDP in 2018, down **0.41%** on EU projection
 - Nearly half spent in the Oxford, Cambridge, London 'golden triangle'
- £22 billion committed additional funding for the Department for Business, Energy & Industrial Strategy (BEIS) in 2024/25
- **2021:** exponential sector growth now likely



A built environment project manager's role

Maintaining
asset/estate

Delivering
the science
plan

Driving a
product to
market



Highly specialised knowledge and experience



Life science projects require knowledge and skills

- Specialist knowledge and experience of:
 - Advisory Committee on Dangerous Pathogens (**ACDP**) and Specified Animal Pathogen Order (**SAPO**) **laboratory** and **biocontainment** (in a research and development environment)
 - Current good manufacturing practices (**cGMP**) and Medicines and Healthcare products Regulatory Agency (**MHRA**) (in a pharmaceutical manufacturing environment) requirements
 - **CVQ** activities for equipment.
- **Highly serviced** and **controlled environments** requiring knowledge of **building services** and **process engineering**.
- The nature and type of projects are wide ranging, and procurement selection should consider **traditional, design and build** and the **ECPM** (often used in life science and other controlled environment sectors) routes that best fit client cost, quality and programme requirements.
- Importance of **health and safety, risk management** and **collaboration**.

What clients consider important



Sample client survey responses

Top 3 project manager traits for successful delivery in the life sciences sector:

Client A:

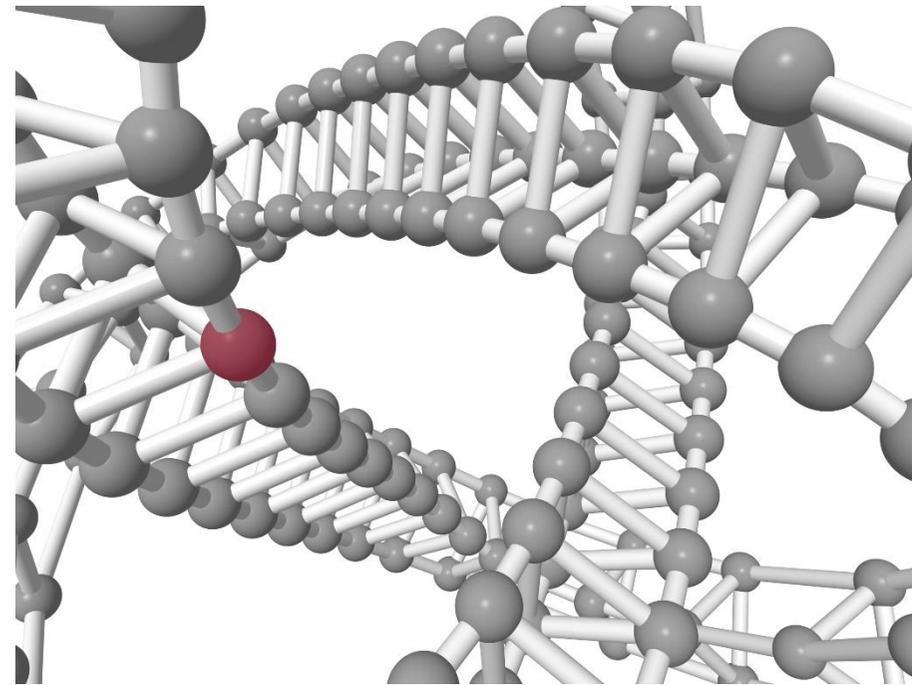
1. Communication skills
2. Negotiation skills
3. Drive and perseverance to achieve goals

Client B:

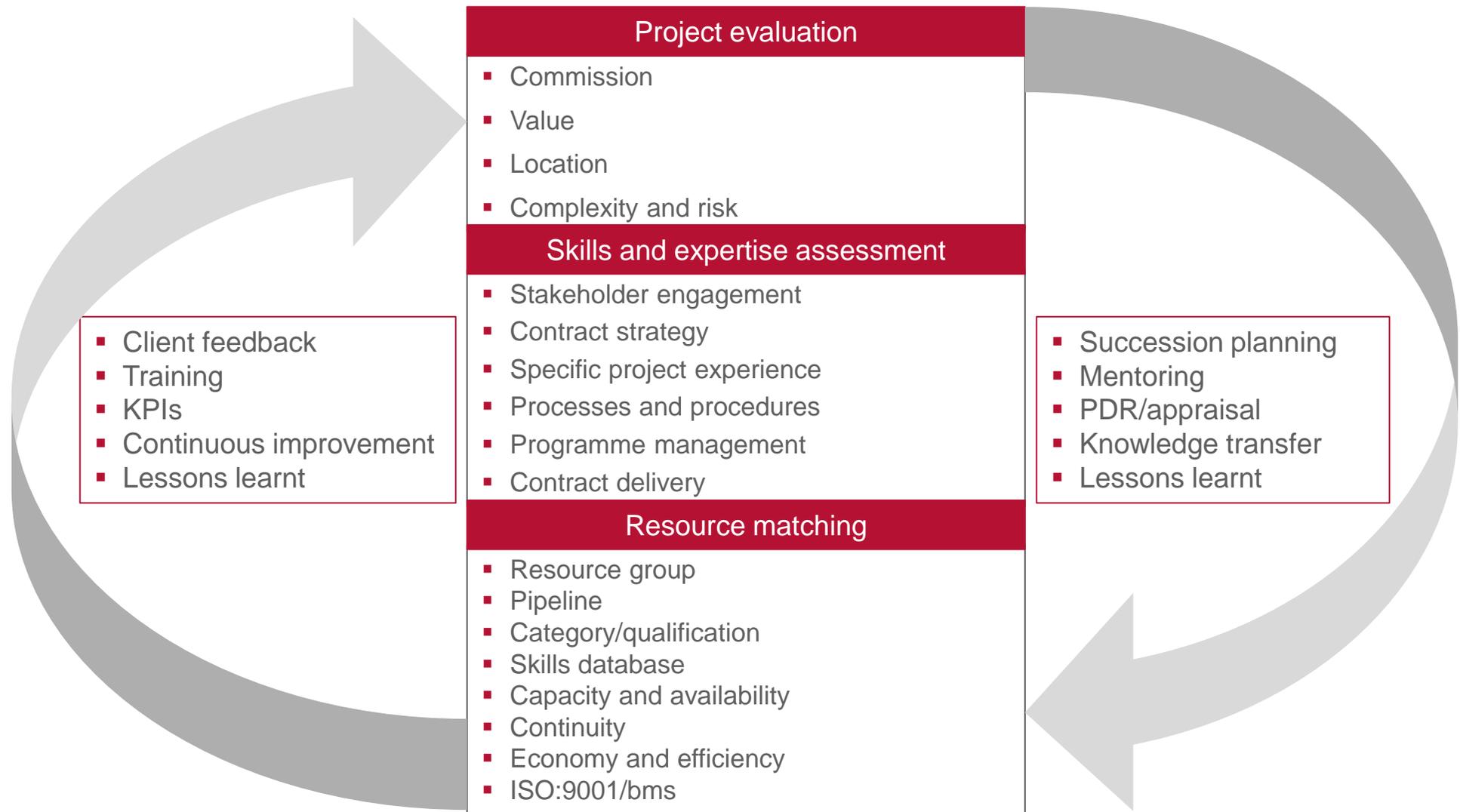
1. Leadership skills
2. Communication skills
3. Organisational and planning skills

Client C:

1. Project management skills and experience
2. Stakeholder management skills
3. Containment and laboratory experience



Resourcing and recruiting project managers



Any questions?

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