Capital Delivery

Jane Simpson

Commercial, Engineering and Capital Delivery Director

Well positioned to deliver

Internal delivery structure

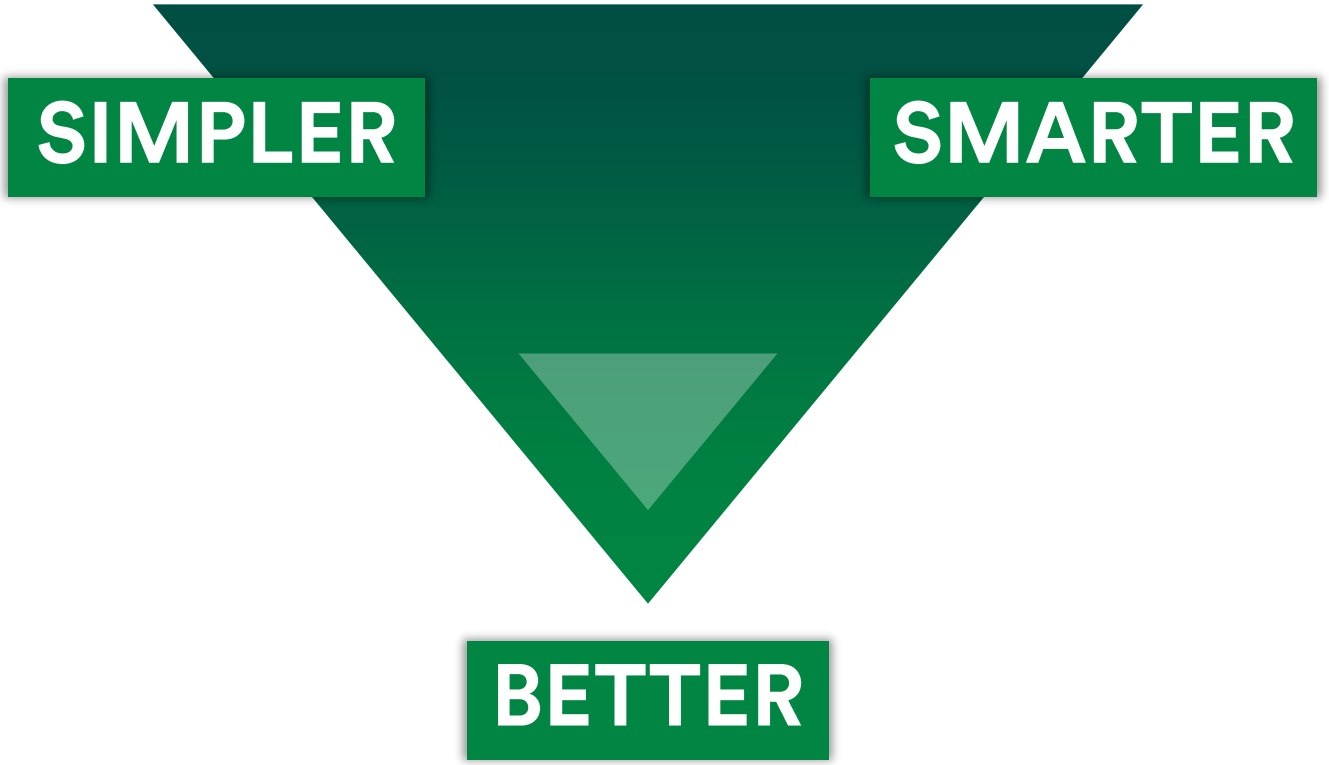
Supply chain capacity

Long-term plan

Modular solutions

Standardisation

Allows for rapid deployment and economies of scale



Innovation

Data, analytics and automation

Right approach for each project depending on size and complexity

More efficient

Faster delivery

New capabilities

Right approach for each project

MEGA

Up to £500m

- Enterprise delivery model
- Bespoke projects
- Shared incentives

LARGE

£7.5m – £20m

- Design and build
- Standardisation
- Local and regional partners

SMALL

£0.5m – £7.5m

- Build only
- Low complexity
- Local and regional partners

Enterprise delivery model

- **Mega projects**
  Up to £500m
- **7 design and construction partners**
  Providing a broader pool of capability
- **Long-term partnerships**
  Better planning; long-term investments

C2V – a CH2M / VolkerStevin Joint Venture
Jacobs
COSTAIN
KIER
MMB MOTT MACDONALD BENTLEY
MWH TREATMENT
MURPHY WORLD-CLASS INFRASTRUCTURE

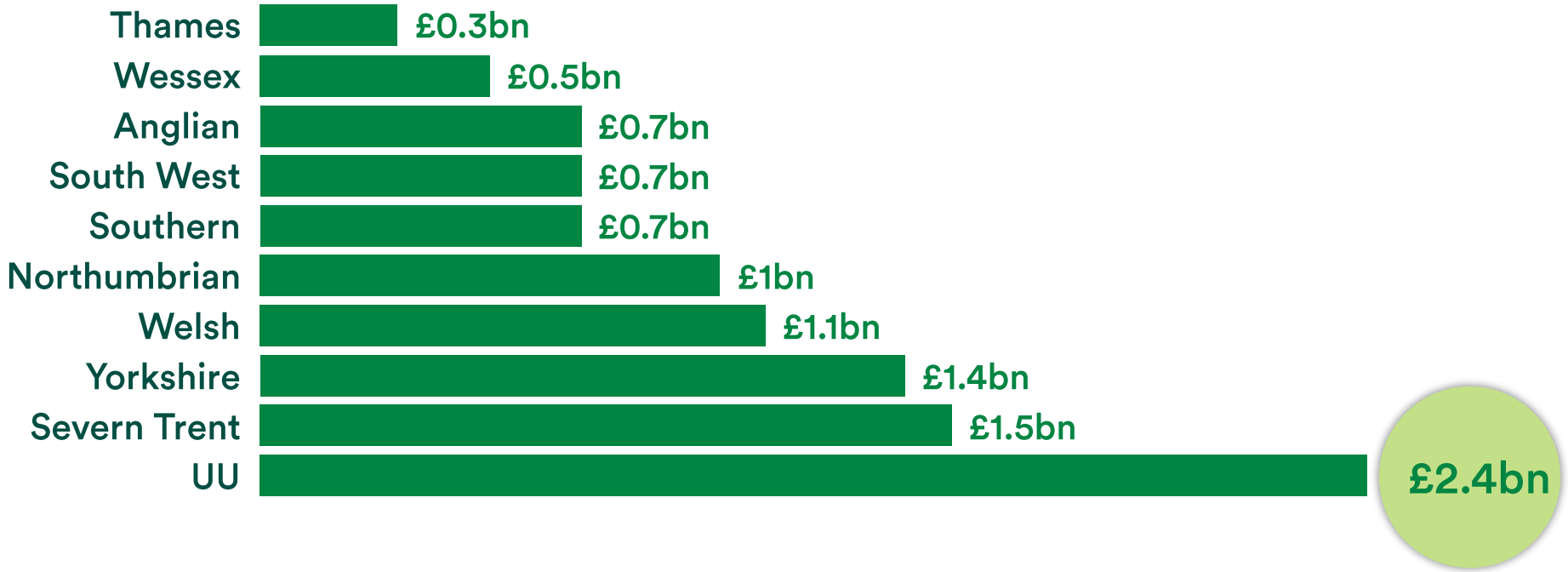
Design and build

- Typical infrastructure projects
  £7.5m – £20m
- 18 design and build partners
- Regionalised and local partnerships

Build only

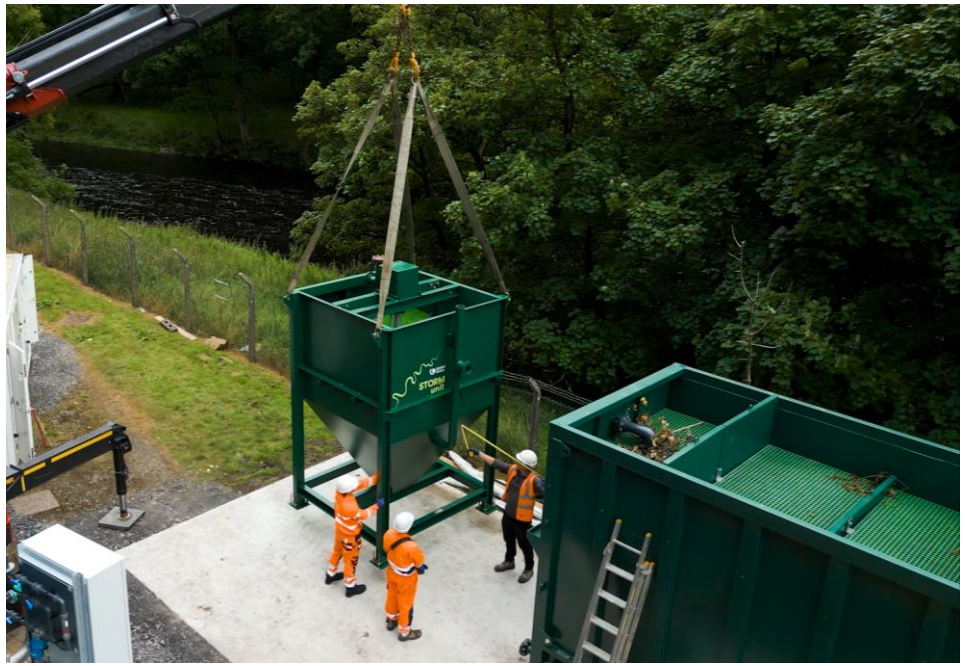
- Smaller, less complex projects
  <£7.5m
- 30 build-only partners
- Volume efficiency, driving standardisation

Industry-leading programme to reduce spills



Industry-leading programme to reduce spills

- **Modular solutions**
  STORM units
- **Rapid deployment**
  29 sites already in service; 100+ site portfolio
- **Rainwater management**
  40% of projects will separate rainwater; groundbreaking integrated water management plans in Manchester



Innovative solutions

- **Natural coagulation**
  Significant capital investment savings; excellent effluent quality
- **Mobile Organic Biofilm (MOB)**
  Lower whole life cost; lower carbon, smaller footprint
- **3D concrete printing**
  Major steps forward in reducing costs; sustainable resources and environmental improvements
- **FujiClean**
  Improved effluent; no chemicals; modular system; low energy

What does better look like?

- Cost efficiency
- Fast deployment
- Greener delivery