



Data Centre Expertise

committed.

The project delivery specialists

Key Facts...



18
Offices
worldwide

€300m



turnover
in 2015

35 Countries

Current
Active
Projects
Worldwide



Global business hours



24
hours

55%

business is
International



Safety

DART Rate

0.21

TRI Rate

0.54



PM Group Activity
>11.5 million man hours



43
Years in
Business

Our Data Centre Services

Data Centre Services

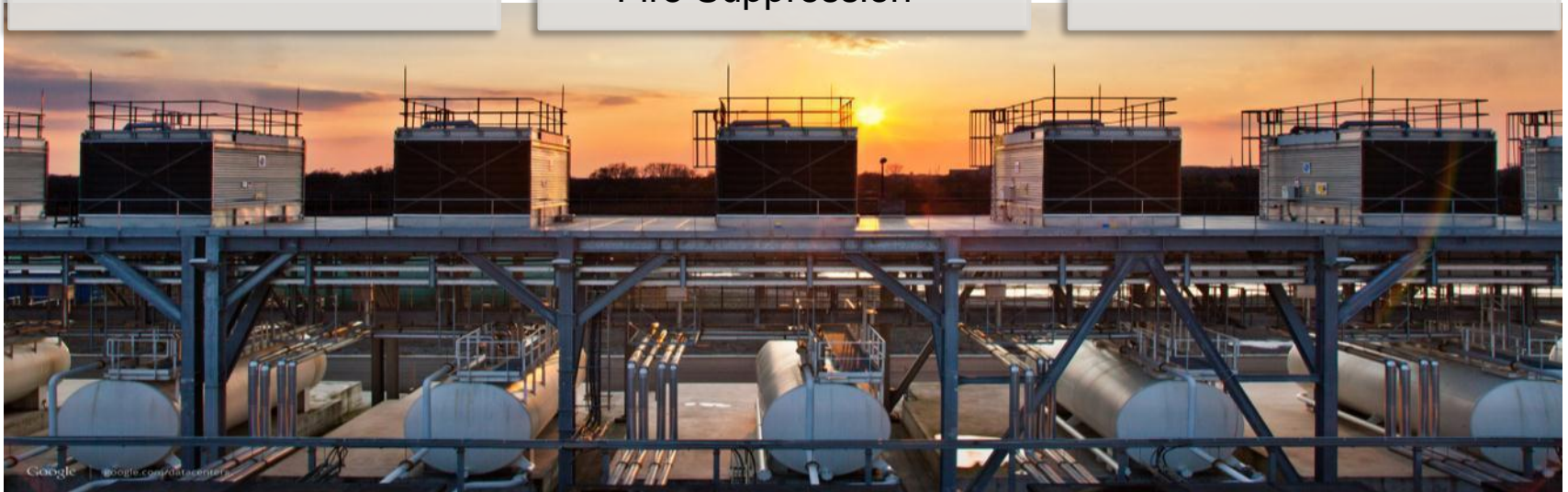
Site Selection	Master planning	CFD Design	Procurement	Cost control
Site Confirmation	Detailed Design	Permitting	Construction Management	Schedule Management
Architecture & Engineering	Budget Preparation	Environmental/Regulatory/Licensing	Commissioning & IST	
Feasibility Studies	Scheduling	Sustainability	Handover	
Concept Design	3D Design	LEED / BREEAM		



- 200kW to >120MW of Critical Power
- Certified Design to Tier IV
- PUE <1.1
- MV and LV system
- Air and Water Side Economisers

- Chillerless Data Centres
- Raised and No Raised Floors
- Hot and Cold Aisle Containment
- Static & Rotary UPS
- Modular & Expandable
- Fire Suppression

- Fire Alarm
- Security
- Green Field
- Brown Field
- Fast Track
- Commissioning
- IST



Selected Projects



DB3 & DB4 Dublin
30MW Critical power



BT Ireland
1,700 M2 / 2.6MW



Datacube, Bratislava
CM of Tier III Facility



Confidential Dublin
8MW over 2 Floors



Transfond Romania
Tier IV Data Centre
500M² / 800kW /



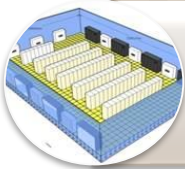
Confidential - Belgium
CM of 60MW DC



Dell, Lodz, Poland
Tier 4, 1.6MW, 800 M²
expandable to 1600 M²



Confidential – Belgium
Design of 120MW



IBM Dublin
800kW Critical power



Confidential Dublin
32MW over 2 Floors

Confidential Client – Global Services

- Global Services
- Site Selection and Due Diligence
- Dealing with local authorities and utilities
- Masterplanning (Sites > 1,000MW and up to 100 Ha)
- Detailed Design A/E (buildings of 8 to 120MW)
- Support During Construction
- Site / Technical surveys / reliability reports

- Ireland
- Continental Europe
- USA
- South America
- Asia



Next Generation Data Centres: Innovation and Thought Leadership

PM Group Designs

- In 2007 worlds first large scale direct free air cooled data centre: PUE of 1.45
 - 2013 - worlds first Super High Density Air Cooled Data Centre (12kW/M2): PUE of 1.06 to 1.08
 - 2013 /14 - PPK2 (32MW) Estimated Peak PUE for DC = 1.066 versus PPK1 = 1.14
 - 2015/16 GBL 3A – 120MW <1.1



We are currently carrying out 'Thought Leadership' studies for major ICT Clients

Next Generation Concept Designs including:

- Modular
- Cost Effective
- Efficient (PUE)
- Energy Supplies

