



State-of-the-art Agility Center Cofely

Housing facility in the south of Belgium

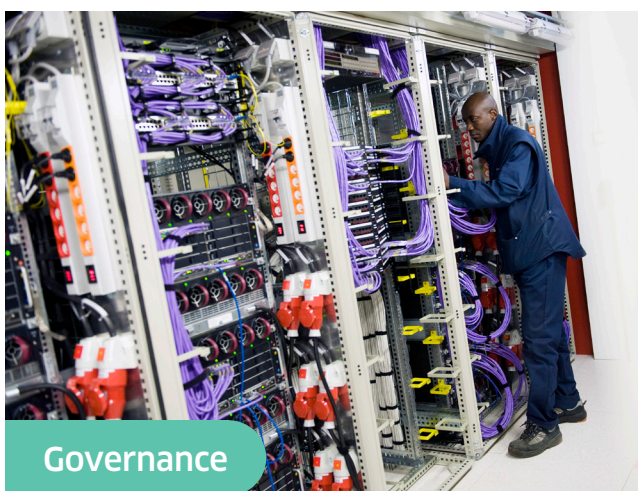
- > Agility and cloud enablement
- > Energy efficiency
- > Neutral and connected
- > International presence
- > 24/7 onsite presence





Continuity and security

Not only sustainability but also availability, security and flexibility are crucial requirements of datacenters. Dark-fiber optical fiber connections allow very fast network connections. Several providers also give the possibility of redundancy. ENGIE Cofely proactively monitors temperature, humidity, and energy usage in order to guarantee the uptime of datacenters.



Governance

ENGIE Cofely's model involves participating clients at all levels in governance decision making such as services delivery, finance, invoice, contract administration, services level, performance reporting,...

The model is designed to facilitate effective resolution of issues and enables strategic decision makings.

Technical characteristics Agility Center Cofely

Surface area

Multiple separate rooms offering a total of 1550 m²

Energy

PUE	PUE = 1.25
Energy supply	3.5 MVA with extension to 25 MVA
Transformers	4* 1600 kVA and 4* 1000 kVA
Capacity	1000 W/m ² ready for 2000 W/m ² with HD zone
UPS systems	6* 600 kVA
Diesel gensets	4* 1600 kVA and 4* 1000 kVA
Fuel autonomy	Sufficient for 72 hrs of continuous operation
Cooling system	12 FRAU* with capacity of 200 kW each
	Hot and cold aisle concept
Temperature range	21°C (Cold aisle) - 36°C (Hot aisle)
Humidity	35 % - 70 % RH

Connectivity

External network	Multiple redundant dark fiber connections
Internal network	2 meet-me-rooms with 2 separate distribution loops

Security

Fire protection	VESDA system with inert gas
Security system	Supervised camera circuits with motion detection
	Central rooms individually badge controlled with biometric reading
Fencing	Intruder detection system with IF camera controlled
Alarms	24 x 7 x 365 monitored alarm systems
Guarding	24/7 manned security

Environment

Energy	Green electricity combined with photovoltaic panels
	CO ₂ reduction of 2500 Tns/yr
Cooling	*FRAU: FRee cooling Autonomous Unit
Waste	Waste collection and treatment
	Sorting and recycling waste to turn it into a resource



Contact

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