



ICT Infra 2021

# De l'Hyperscale au Edge

Nivelles 23 septembre 2021

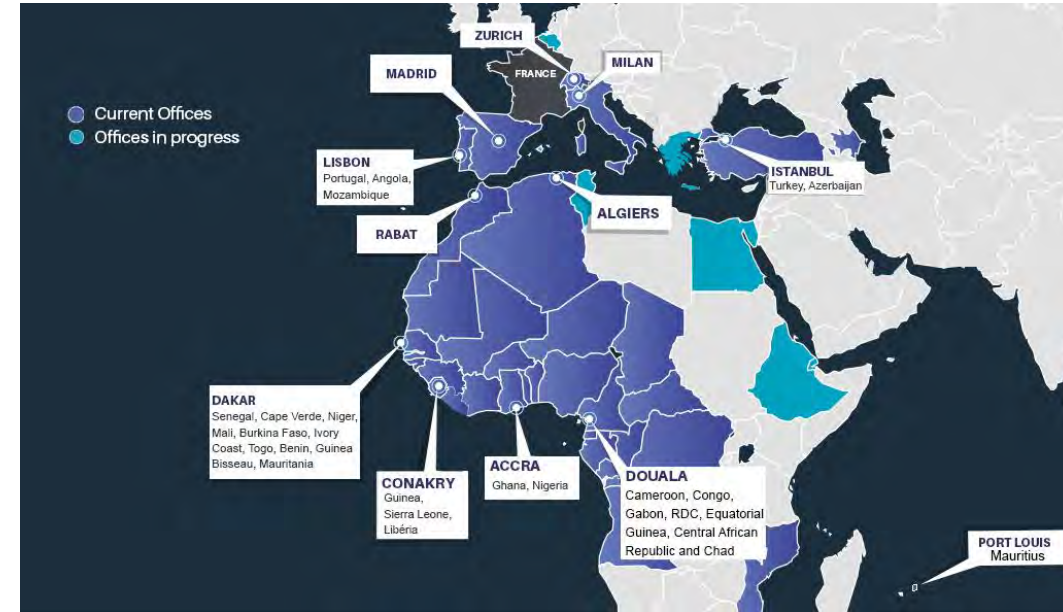


[www.capingelec.com](http://www.capingelec.com)



## CAP DC based on partnership model between Cap Ingelec (French leader) and local technical engineering companies

- A local organization, reactive and competent in the practices of the host country
- Cap Ingelec's resolve and experience in the crucial project stages : design, commissioning and energy governance in run mode.
- An international brand for global projects



A French Technology leader



A Global position



Datacenter Building And refurbishment



Financing and energy governance



Project management And Turnkey

# Data Centers continuum to deliver Cloud business

Hyperscale



FLAP, regional Datacenter



Metropolitan Datacenter



5G



Micro Data Center



Pico Data Center



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Edge computing



EDGE => 3 criteria  
latency, network traffic and data localization

	Hyperscale/Regional	Edge
Size	Several 1000 sqm	< 200 sqm
Density	> 2 kW/sqm	< 1 kW/sqm
Availability	Tier 3+	Tier 3
PUE Target	< 1,4	< 1,5
Ultimate back-up	GenSet (Fuel Cell ?)	Battery
Fire Systems	Hi-Fog	Gas
Monitoring	On site	Noc
Design	Modular	One of a kind
Planning	Without external constraints	External constraints
Structural works	More or less complex	Complex (4 T/sqm for Battery)





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## CBRE pairs with Cap Ingelec for French Edge business

Scouting and developing land for Edge data centers

May 18, 2020 By: Alex Alley [Be the first to comment](#)

Edge Deployment means 2 majors difficulties

- \* Identifying plots in urban areas not relevant for Datacenters + with huge real estate demand
- \* Assessing quickly if the “candidate plots” can match with Datacenter design

To cope with these 2 dual challenges, CBRE and Cap Ingelec have partnered to offer an efficient and integrated solution



Thank you for your attention

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