

ENERGY & SITES MANAGEMENT

SMART-SITES

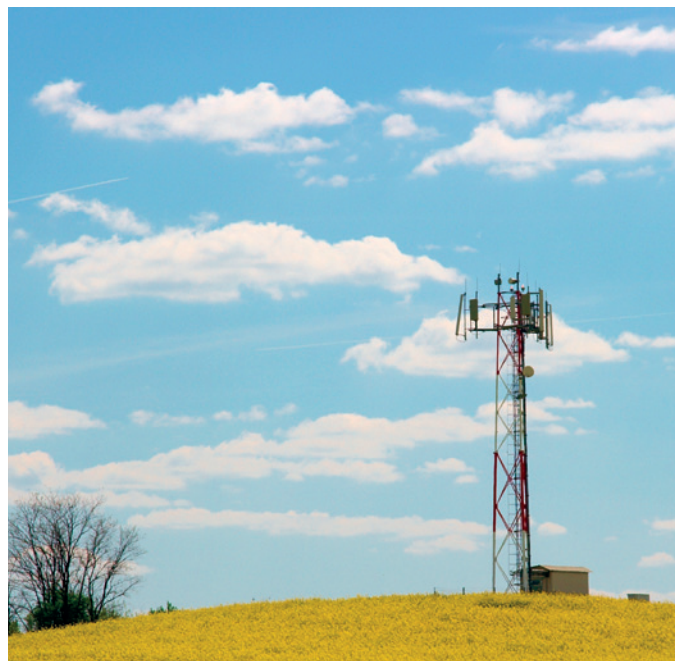
Sites construction includes design and construction of a full range of towers (Lattice, Guyed, Monopole, Rooftop and special towers like Palm trees) and associated civil work (Shelters, Guard House, access road...), and also design, installation and commissioning of energy equipment (rectifier, genset, solar and hybrid station), active equipment (Microwave, optical, Base Stations, ...).

Towers are available from 2 to more than 100m height and for antenna charge up to 40 m2.

Guyed towers are an economic solution compared to lattice towers. Thanks to smaller foundations, lower weight, transportation cost (international and local) and civil work cost are reduced.

However when guyed tower cannot be implemented because of lack of space, lattice towers (or self-supported towers) from Sagemcom are a cost effective solution, thanks to optimized foundation design.

The smart sites offer includes Energy and Site Management (ESM) composed of ESM-Vision (monitoring and control), ESM-Power (Energy generation) and ESM-services.



ESM-Services

Thanks to its dual expertise in Telecom and Energy, SAGEMCOM provides end to end turnkey solutions including all associated services for passive and active equipment.

ESM-Services for sites, optical fiber rollout, telecom network deployment covers network design, sites design, manufacture, supply, civil works, tower erection, installation and commissioning of energy station, shelter with air conditioning and free-cooling system, but also all transmission and infrastructure equipment (Microwave-link, base station).

ESM-services includes also local and remote support, maintenance of sites, including managed services and refuelling operations

Especially for Site and Network optimization, SAGEMCOM offers audit of sites, networks enabling optimization of energy cost, maintenance efficiency, and customization of ESM-Vision reports to follow specific KPIs, to track efficiency of specific actions, investments.

Sites optimization

Thanks to its dual expertise in Telecom and Energy, SAGEMCOM provides end to end turnkey solutions including all associated services.

SMART SITES:

- Full range of Towers
 - Lattice Tower
 - Guyed Tower
 - Monopole
 - Rooftop
 - Special design : Palm-tree
- ESM implementation
 - ESM-Vision
 - ESM-Power
 - ESM-Services

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