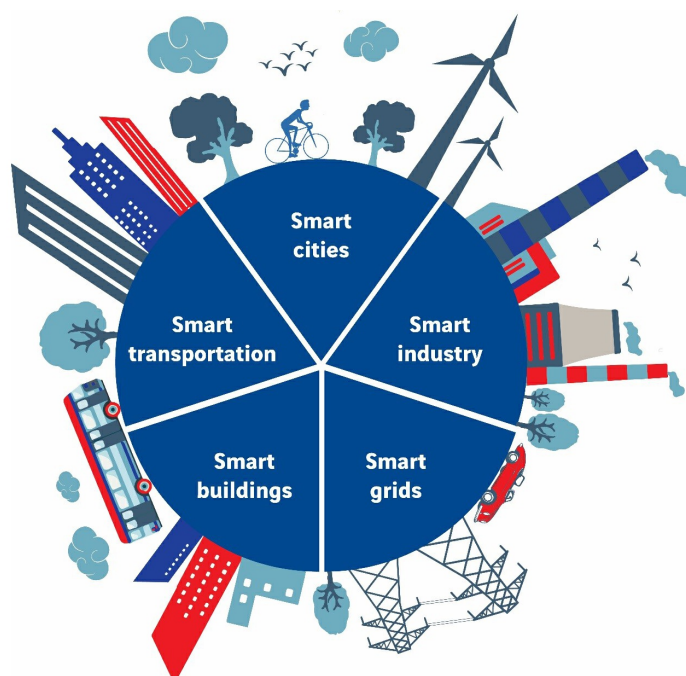


# Infrastructure: at the heart of the energy transition

Energy needs and mobility continue to grow. Anticipating market trends, VINCI Energies is active across the entire “smart” industry: smart grids to smart cities, and provides global solutions to supply projects in electricity, transport infrastructure and urban facilities.

World energy consumption is constantly on the rise. This increase in demand will require the development of new power generation, transmission and distribution infrastructure as a response. Inter-country connections and smart grids will need to be stepped up to optimise supply from infrastructure based on consumption. VINCI Energies works alongside its customers to offer them comprehensive services across the entire high, medium and low voltage electricity system “before the meter”.



Demand for mobility-dedicated infrastructure is also very high due to demographic pressure, increased urbanisation and the public's concern about decreasing the impact human activity has on our environment. This situation requires constant upgrading and creation of equipment for urban and transport infrastructure (roads, public transport, airports and ports). This has also led to the development of tramways and clean transport systems in city centres.

## Infrastructures: witness the expertise of VINCI Energies' business units

Faced with the growing demand for energy and the need to develop public and rail transport, among other areas VINCI Energies contributes in the following fields:

- Construction, extension or revamping of substations for rail and electricity transport up to 400 kV, including engineering, procurement or as a turn-key project
- Construction and revamping of high voltage power lines
- Information and security systems dedicated to the road and railway infrastructure
- Installation of catenary lines and poles for trams
- Power supply, signaling and operating systems,

- Specific solutions for tunnels (SIL Projects, maintenance, ...) railways (substations, signaling, ...) waterways (maintenance and exploitation).
- Development, integration and maintenance of control systems used for the motor and actuator tests for the Ariane rockets.
- On-site maintenance and exploitation support (24/7) for the image reception of Helios 2 satellite
- Realization of special cabinets to test satellites and provide logistic solutions for airports (baggage handling systems)
- Delivery of telecom solutions for safety and security services (fire brigade, police, ...)
- Delivery of integrated onboard radios for bus, tram and metro (Tetra, DMR technologies)



VINCI Energies combines its [areas of expertise](#) so that customers have a partner they can rely on for many types of projects. This is demonstrated in the solutions implemented by the VINCI Energies' brands, such as [Omexom](#) that offers an entire range of turnkey solutions for the "Power & Grid" sector.

## Tape joint professionals

Omexom Norway's HV Cable business unit is among the most competent cable contractors in Norway. They perform all work within oil-filled cable and PEX cable (33 kV-420 kV). The business unit works all over Norway and in the Nordics – and undertakes both major projects and smaller service assignments, both on land and at sea. The business unit has its own emergency storage on behalf of their Nordic customers.

## Discover our other business lines

### USEFUL LINKS

- [VINCI Energies](#)
- [VINCI](#)
- [VINCI Foundation](#)
- [The Agility Effect](#)

### FOLLOW US



