

Trends

The world is changing at a fast pace and taking on a new dimension. A few key trends are observable across different countries and societies, including geopolitical shifts, technological revolutions and changes in mentality. CNIM has identified five major trends that define its space, shape its possibilities, and underpin its decisions.

Digitalization

The rise of digital, for mass market and professional use, is impacting us all and transforming our everyday lives: data production and collection, instantaneous exchanges, personal assistance, shared knowledge, collective decisions... From the level of the individual right up to the State, digitalization is radically changing how we know, understand, control, make decisions and act.

Urbanization

More than half of all people on the planet – and it will soon be three-quarters – live in urban areas. How can we house, feed, transport, connect and protect people when they are increasingly concentrated and mobile at the same time? The solution must involve reinventing our ecosystems, from the building up to the neighborhood, city and region levels, to efficiently manage flows of energy, food and individuals.

Energy transition

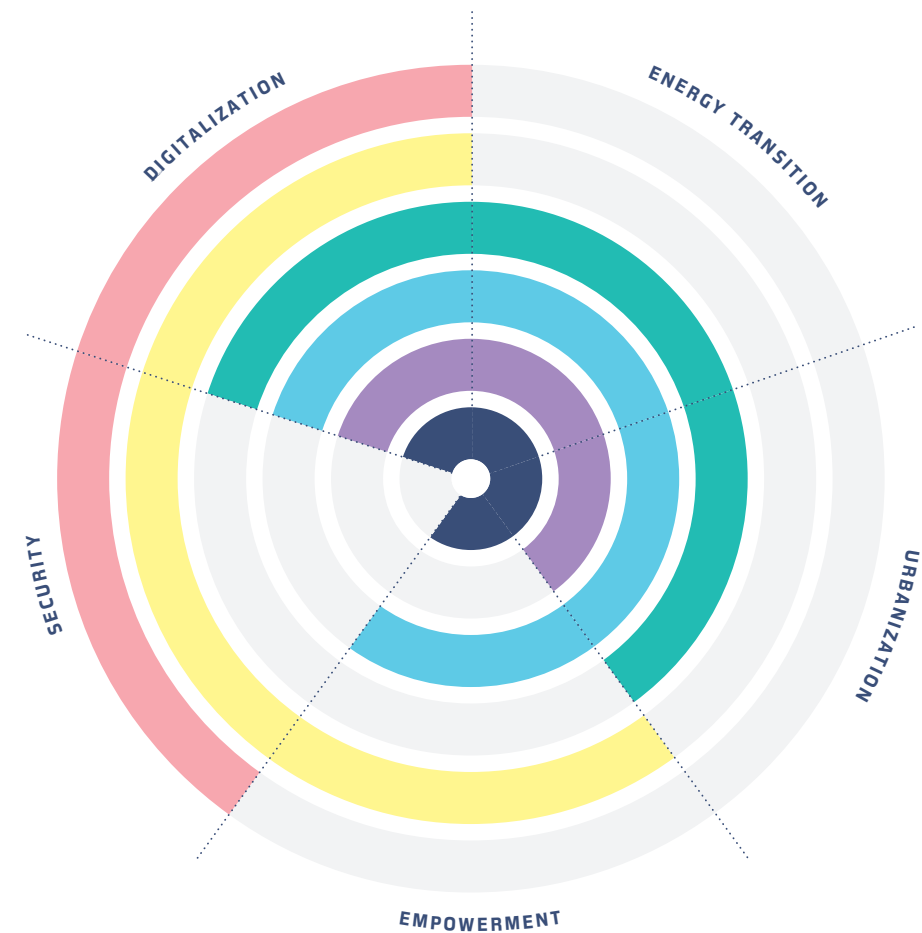
The road leading from fossil fuels to renewable energies has been laid out. Demand for energy is steadily increasing as more regions of the world are developed and new connected end-uses emerge. Awareness of the need to find better production solutions is driving the creation of new ways to generate energy cleanly, safely and equitably.

Empowerment

Companies today tailor the goods and services they produce to the needs of individuals. In addition to enjoying this personalization, individuals also understand that they can help reshape society through their actions. Participative democracy, short channels, individual energy generation and the mobility of equipment are all allowing individuals and communities to overcome the constraints associated with traditional infrastructure and existing networks in order to create new spaces for themselves.

Security

Geopolitical and cybersecurity risks, personal data protection and surveillance of all types of facilities: security is a key source of concern for our societies. ●



● PROTECTING SYSTEMS AND FACILITIES

- Solutions and Instruments for detecting gas and biological and chemical threats, for radioactivity monitoring and radiation protection.
- Optronic surveillance instruments.
- Cybersecurity solutions.

● PROTECTING PEOPLE

- Design and manufacture of systems for force projection by land and sea, of optronic surveillance instruments and of missile launch tubes for nuclear submarines.

● TREATING AND RECYCLING WASTE

- Delivery of turnkey facilities for converting municipal waste into energy, for treating bottom ash, for composting, for treating green algae and related services.

● OPTIMIZING ENERGY

- Solutions for improving energy performance in industry: preventive boiler maintenance, integrated energy recovery systems and upgrades to large combustion plants.
- Solutions for managing energy production and storage.

● IMPROVING AIR QUALITY

- Control and treatment of effluents: cleaning of flue gas from waste treatment plants, thermal power plants, industry and ships.

● RENEWABLE ENERGY SOURCES

- Operation of RES facilities: development of solar and hybrid power plants and energy-from-biomass plants.