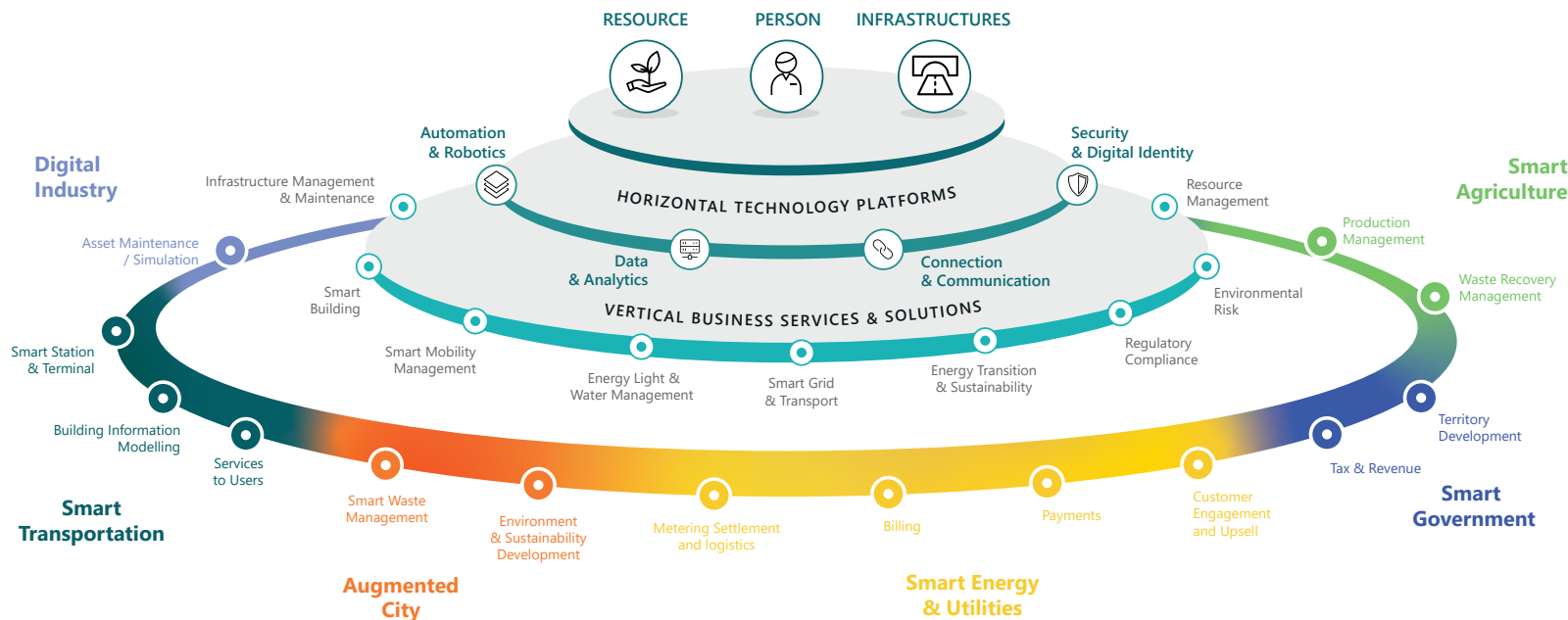


# Digital Ecosystems

## Energy Resources & Sustainability

Sustainability is changing the way we use energy resources. The need to improve what we use and how we use it, speeding up economies and safeguarding the planet is at the heart of this ecosystem.



The challenges relative to Energy Transition and Environmental Sustainability are progressively leading to the creation of an ecosystem in which the energy need no longer leads to differentiating the various market sectors (gas, electricity, oil, etc.), whose differences are reducing to ensure that they are increasingly integrated.

**Vincenzo Tartuferi**

General Manager Utilities & Telco Division, Engineering



Read Our  
White Paper



[www.eng.it](http://www.eng.it)



linkedin




twitter


# Vertical Business Services

- Infrastructure Management & Maintenance**  
 Realizing Operation Centers (Infrastructure Monitoring, Telecommunication, Electrical SCADA) as well as systems for Traditional and Predictive Maintenance of infrastructures.
- Smart Building**  
 Integrated management of buildings using traditional and BIM approaches for Asset Localization and Management, Maintenance, Infrastructure and System control and Services to end users.
- Smart Mobility Management**  
 Exploiting mobility data, optimize development and use of resources through real time monitoring and planning of urban mobility.
- Energy, Light & Water Management**  
 Supporting services to manage energy use (e.g. consumption monitoring, planning) and water resources.
- Smart Grid & Transport**  
 Supporting services to manage energy grid & transport, such as transmission & distribution, infrastructure governance, mobility and Supply Chain.
- Energy Transition & Sustainability**  
 Supporting services to manage sustainable mobility, energy efficiency, Energy Communities, smart building & energy efficiency, renewable energy production and storage.
- Regulatory Compliance**  
 Ensuring process and product compliancy with regulatory evolutions, adapting to related transformations.
- Environmental Risk**  
 Digitalization of environmental protection and control / intervention activities on the territory, towards a sustainable exploitation of the territory.
- Resource Management**  
 Managing consumption of energy resources (e.g. electricity, water, oil, gas) as well as waste management activities.

## Horizontal Technology Platform



**AUTOMATION & ROBOTICS**  
 To automate your processes and operations, you need: Intelligent Automation (RPA), Industrial IoT Platforms



**DATA & ANALYTICS**  
 To enhance the power of your data, you need: AI & Advanced Analytics, Business Intelligence Platforms, Data Visualization, Machine Learning Platforms, Digital Twin, CRM and ERP Business Applications.



**CONNECTION & COMMUNICATION**  
 To collect, integrate and augment your information, you need: Cloud, Cloud Management Platforms, IoT, AR/MR/VR, Social Media Platforms, Open Data, Digital Experience Platforms, Marketing Platforms



**SECURITY & SAFETY**  
 To secure your business, you need: Cybersecurity, Endpoint Protection Platforms, Blockchain

## Our Portfolio

OUR EXPERIENCE ACROSS ALL MARKETS  
 AT THE SERVICE OF YOUR DIGITAL ECOSYSTEM

THE WORLD WE LIVE IN

- AUGMENTED CITY
- SMART ENERGY & UTILITIES
- SMART TRANSPORTATION
- DIGITAL MEDIA & COMMUNICATION

THE WORLD WE WORK IN

- DIGITAL INDUSTRY
- DIGITAL FINANCE
- DIGITAL RETAIL & FASHION
- SMART AGRICULTURE

THE WORLD THAT LOOKS AFTER US

- SMART GOVERNMENT
- E-HEALTH
- DIGITAL DEFENSE, AEROSPACE & HOMELAND SECURITY