

A nighttime photograph of a city skyline, likely New York City, viewed from across a body of water. The skyscrapers are illuminated with various lights, and their reflections are visible on the water's surface. The sky is dark blue.

# The intersection of digital transformation and the energy transition

**DigitALL**

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Gabriel Tache  
Country Manager Ro + Bg



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# Top 10 Strategic Technology Trends

## Gartner Top Strategic Technology Trends 2023

### Optimize

- 1** Digital Immune System
- 2** Applied Observability
- 3** AI Trust, Risk and Security Management (AI TRiSM)

### Scale

- 4** Industry Cloud Platforms
- 5** Platform Engineering
- 6** Wireless-Value Realization

### Pioneer

- 7** Superapps
- 8** Adaptive AI
- 9** Metaverse
- 10** Sustainable Technology

## 1 Digital Immune System

By 2025, organizations that invest in building digital immunity will increase customer satisfaction by decreasing downtime by 80%.

## 5 Platform Engineering

By 2026, 80% of software engineering organizations will establish platform teams as internal providers of reusable services, components and tools for application delivery.

Source: Gartner

## 4 Industry Cloud Platforms

By 2027, more than 50% of enterprises will use industry cloud platforms to accelerate their business initiatives.

Source: Gartner

## 8 Adaptive AI

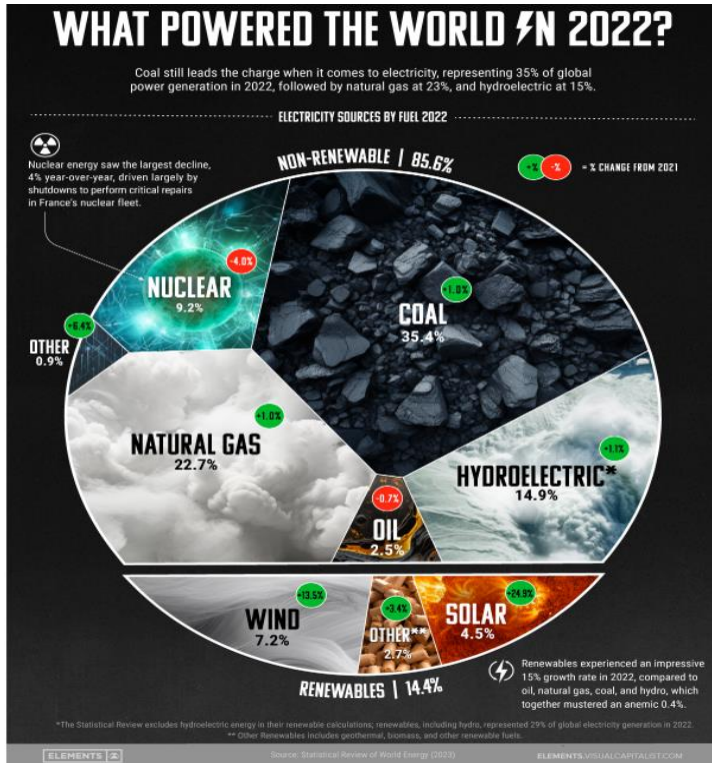
By 2026, enterprises that have adopted AI engineering practices to build and manage adaptive AI systems will outperform their peers in the operationalizing AI models by at least 25%.

Source: Gartner

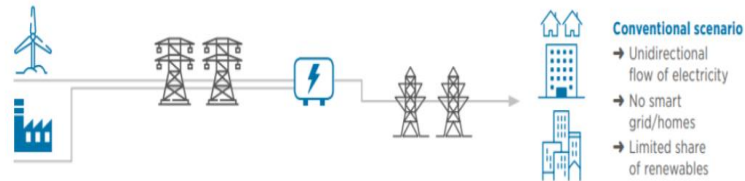


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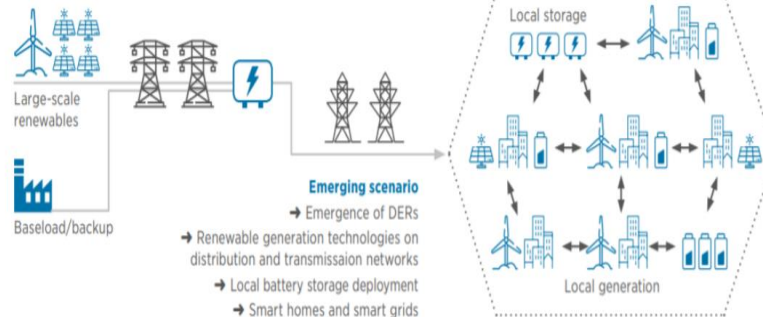
# What Powered the World in 2022



## Grid of Today & Tomorrow



Large-scale generation → Transmission → Local distribution → End consumption



### Key Drivers of the Future Grid:

Decarbonization framework  
(Phasing Out Nuclear/Coal Gen)

Renewables (Wind / Solar)  
generation on Transmission &  
Distribution Network

DSOs dealing with Prosumers



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# Increase challenges for Grid and Utilities

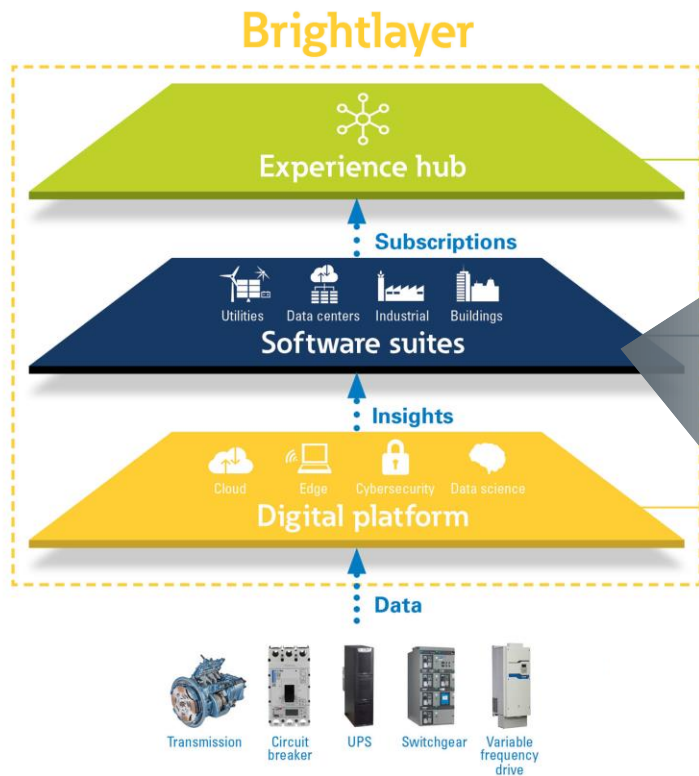
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The complete value chain of the Utility companies specially the Planning & Operations are facing a big challenge to adapt to the ever-changing and evolving network

- Planning
- Grid Reliability
- Safety
- Risk Mitigation
- DER Integration
- EV Charging
- Prosumers
- Human Resource challenge
- New Technologies



# Enabling intelligent assets and delivering secure insights in the cloud and at the edge



## Cloud connectivity

Enable assets, data and software to be accessed via the cloud



## Edge enablement

Enable assets at the edge with compute and connectivity capabilities



## Cybersecurity

Secure assets, data and software from cyber risk



## User experience

Standardize visual tools and design theme



## Analytics

Power domain insights and analytics through data science



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