



# **BHARATHIDASAN UNIVERSITY**

## **Tiruchirappalli- 620024,**

### **Tamil Nadu, India**

**Programme: M.A.,HUMAN RESOURCE MANAGEMENT**

**Course Title : Managerial Economics**

**Course Code : 22HRM2CC8**

## **Unit-VI**

### **Emerging Trends**

**Dr. T. KUMUTHAVALLI**

**Associate Professor**

**Department of Lifelong Learning**



# Emerging Trends in the Industrial Landscape

Join us as we delve into the dynamic world of industrial trends shaping the global economy. This presentation will explore key factors driving transformation at both national and international levels, highlighting the impact of recent budgets on various sectors.

# Trends at National and International Level

## National Trends

Domestically, we see a surge in automation and Industry 4.0 adoption across manufacturing, logistics, and agriculture. Government initiatives focused on promoting clean energy, circular economy practices, and skill development are shaping the landscape.

## International Trends

Globally, the focus is on sustainability, digitalization, and global supply chain resilience. The emergence of new technologies like artificial intelligence, robotics, and advanced materials is revolutionizing industrial processes.



# Recent Budgets and its Impact at Various Levels

## Infrastructure

Increased funding for infrastructure projects, including transportation networks, energy grids, and digital infrastructure, is expected to drive economic growth and create jobs.

## Education and Skill Development

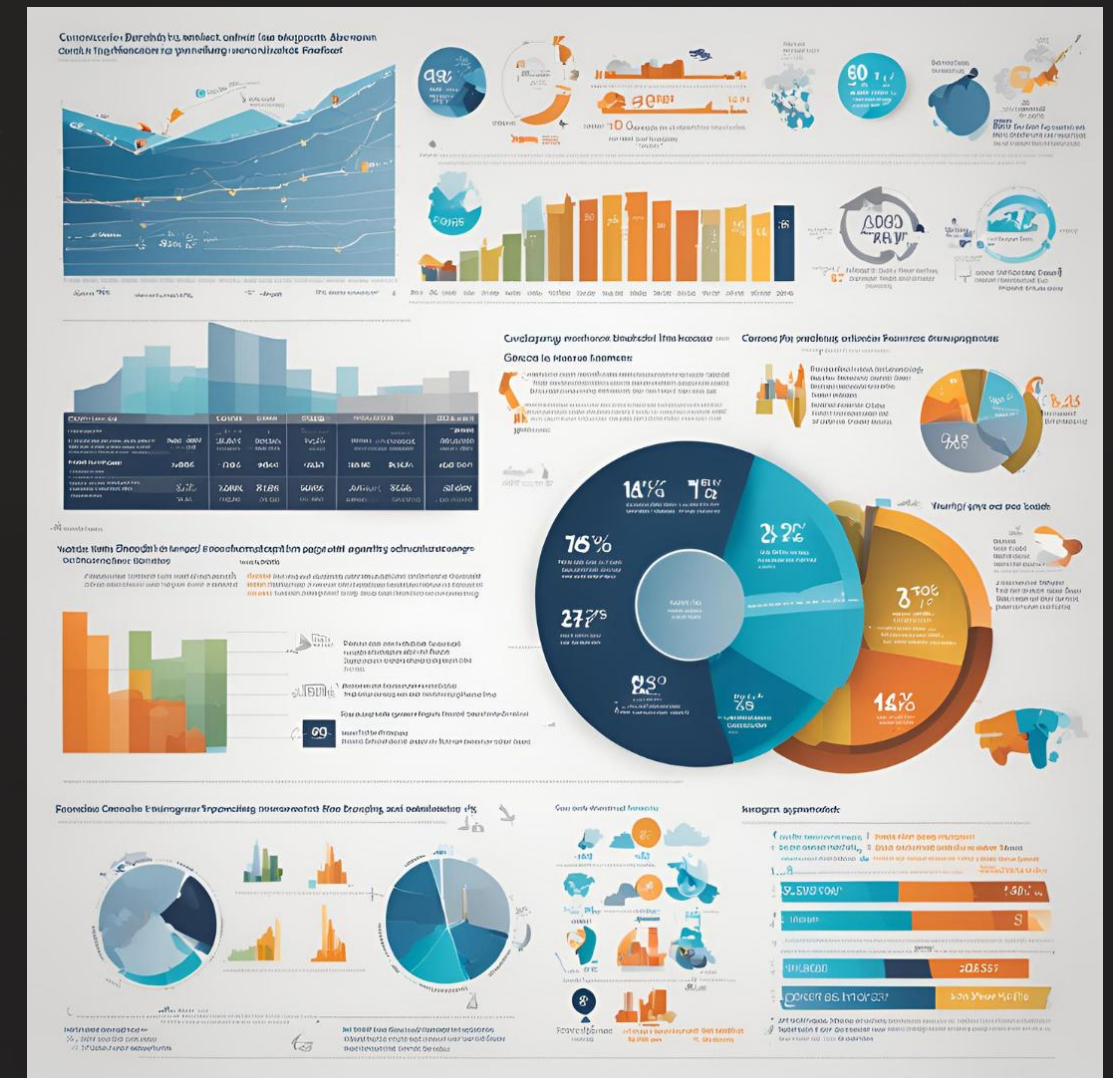
Investment in education and skill development programs aims to address the talent gap in emerging technologies, equipping the workforce for the future of work.

## Healthcare

Focus on improving healthcare infrastructure, technology, and research, with a particular emphasis on addressing emerging health challenges and promoting wellness.

## Green Technology

Allocations for clean energy solutions, renewable energy sources, and sustainable technologies are pivotal in achieving environmental goals and promoting a greener future.



# Emerging Trends in the Industrial Scenario

This presentation will explore emerging trends shaping the industrial landscape at the national and international level, focusing on recent budgets, technological advancements, and evolving consumer preferences.



# Trends at the National Level

## Focus on Manufacturing

India's government is prioritizing initiatives to promote domestic manufacturing and attract foreign investment.

## Digital Transformation

The government is investing in digital infrastructure and promoting the adoption of Industry 4.0 technologies.



# Trends at the International Level

## ■ Global Supply Chain Restructuring

Companies are diversifying their supply chains to reduce reliance on single countries.

## ■ Rise of Automation

Automation is transforming manufacturing processes, leading to increased efficiency and productivity.

## ■ Focus on Sustainability

Businesses are prioritizing sustainable practices to meet growing consumer demand and regulations.



# Impact of Recent Budgets on the Industrial Sector

**10%**

### Investment

Budgets have allocated significant funds for infrastructure development, research & development, and digital initiatives.

**\$100B**

### Incentives

Tax breaks and subsidies are being offered to encourage businesses to invest in new technologies and create jobs.







# Shifts in Technological Advancements



## AI & Machine Learning

AI is revolutionizing industrial processes, enabling predictive maintenance and optimizing operations.



## Cloud Computing

Businesses are leveraging cloud services for data storage, analytics, and collaboration.



## IoT & Sensors

IoT devices collect data from machines and equipment, providing real-time insights for decision-making.

# Evolving Consumer Preferences and Demands

1

## Personalized Experiences

Consumers expect personalized product recommendations and tailored marketing campaigns.

2

## Sustainable Products

Consumers are increasingly demanding products that are environmentally friendly and ethically sourced.

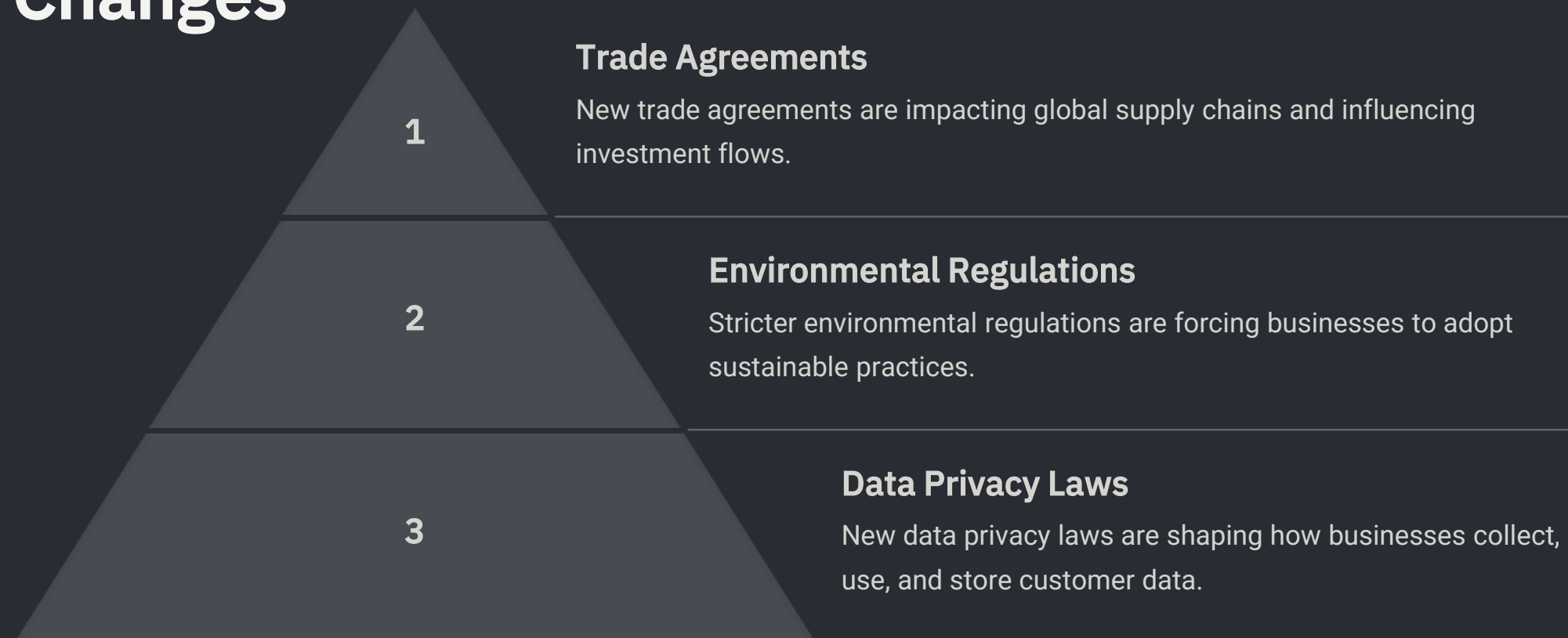
3

## Value for Money

Consumers are looking for affordable products and services that offer good quality and value.



# Regulatory and Policy Changes



# Sustainability and Environmental Considerations

1

## Renewable Energy

Businesses are adopting renewable energy sources to reduce their carbon footprint.

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2

## Circular Economy

Companies are implementing circular economy principles to minimize waste and maximize resource efficiency.

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3

## Sustainable Packaging

Businesses are using eco-friendly packaging materials and reducing single-use plastics.





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# Skill Development and Workforce Transformation

## Digital Skills

The demand for digital skills in areas like data analytics, cybersecurity, and software development is increasing.

## Technical Expertise

Businesses need workers with technical expertise in areas like automation, robotics, and AI.

## Soft Skills

Soft skills like communication, collaboration, and problem-solving are essential for navigating the evolving workplace.



# Conclusion: Navigating the Emerging Industrial Landscape

Navigating the emerging industrial landscape requires embracing new technologies, adapting to evolving consumer preferences, and prioritizing sustainability. By understanding these trends and preparing for the future, businesses can thrive in a dynamic and competitive environment.

