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# INDUSTRY Summit 4.0

[www.i40summit.vn](http://www.i40summit.vn)

ORGANIZED BY



# EVENT BROCHURE



**November 23-24, 2021**



**National Convention Center, Hanoi**

# VIETNAM

ON THE WAY TO BE THE NEXT SMART FACTORY  
AND INNOVATION HUB OF ASIA

**INDUSTRY**  
Summit

**4.0**





# A RISING DRAGON

IMPRESSIVELY THRIVING  
FROM THE NOVEL PANDEMIC

➤ **2.91%**

In 2020, Vietnam is listed as one of the sixteen most successful emerging countries with the impressive growth rate of 2.91%.

*(Prime Minister Nguyen Xuan Phuc)*

➤ **384 billion USD**

By the end of December 2020, there were 33,070 valid FDI projects with a total registered capital of 384 billion USD.

*(Lao Động (Labour) newspaper)*

➤ **6.1% - 7.8%**

The country's GDP growth is set for a strong rebound to 6.1% - 7.8% in 2021 with manufacturing driving the revival.

*(ADB, World Bank, IMF, Standard Chartered)*

➤ **72%**

72% of Vietnam's SMEs are working on digitalization to launch new products and services, which is expected to contribute 24 - 30 billion USD to the country's GDP by 2024.

*(Cisco)*

➤ **13.5 - 14 billion USD**

Vietnam's digital economy in 2020 is estimated to reach 13.5-14 billion USD, 16% higher in comparison to 2019 and at 35 billion USD by 2025.

*(Investment Newspaper)*

➤ **740 billion VND**

The National Innovation Center connecting almost 200 Vietnamese eminent scientists and experts globally has just been launched in early 2021 with the total investment of 740 billion VND.

*(Ministry of Planning and Investment)*

# A KEEN PLAYER

IN THE JOURNEY OF  
DIGITAL TRANSFORMATION

# EVENT OVERVIEW

**Vietnam Industry 4.0 Summit 2021** - an annual event hosted by the Central Economic Commission will take place on **September 20th - 21st, 2021**. Featuring the theme "**Accelerating Modernization & Industrialization in the Digital Era**", the Summit aims to become a forum for over 2500 attendees of policy makers, industry leaders and key players to convene, review and discuss solutions to accelerate the implementation of the Politburo's Resolution 23-NQ/TW, on March 22, 2019 on "**Orientations for building national industrial development policies to 2030, with a vision to year 2045**".

The 2-day summit features a **High-level Forum**, 10 conference sessions and a technology exposition. Chaired by the Prime Minister, Chairman of the Central Economic Commission, along with leadership from related ministries, the High-level Forum will focus on discussing current issues and sharing initiatives shared by global eminent experts to aid Vietnam with completing national digital transformation policies and legal framework regarding **industrialization and modernization, smart infrastructure, smart manufacturing, smart agriculture, smart energy, smart services, digital government, smart human resources, smart cities and smart banking**.

The international exposition will run alongside the conference, showcasing the most cutting-edge technologies of the 4th Industrial Revolution that promise to assert and cement Vietnam's position as an incubator for innovation in the region.

## Outstanding numbers

 <b>01</b> High-level Forum	 <b>10</b> Conference Sessions
 <b>2500+</b> Attendees	 <b>100+</b> Speakers
 <b>80+</b> Sponsors & Exhibitors	 <b>100+</b> Media Agencies

## Marketing channels

- **Broadcasting channels (VTV, VTC, HTV, etc.)**
- **Press reports**
- **Paid social**
- **Paid search**
- **Social media**
- **SEO**
- **Email**
- **SMS**



# EVENT TIMELINE

Day 1 - November 23, 2021

Policy session <b>ON INDUSTRIALIZATION AND MODERNIZATION</b> 08:00 – 12:00	Conference session <b>SMART INFRASTRUCTURE SESSION</b>	Conference session <b>SMART MANUFACTURING SESSION</b>	Conference session <b>SMART AGRICULTURE SESSION</b>	Conference session <b>SMART ENERGY</b>
Conference session <b>SMART SERVICES SESSION</b> 13:00 – 17:30	Conference session <b>DIGITAL GOVERNMENT SESSION</b>	Conference session <b>SMART HUMAN RESOURCES SESSION</b>	Conference session <b>SMART CITIES SESSION</b>	Conference session <b>SMART BANKING SESSION</b>
18:00 – 21:00 <b>GALA DINNER &amp; AWARDS</b> 				

Day 2 - November 24, 2021

07:30 - 12:00 <b>HIGH-LEVEL FORUM</b> 
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**Exposition runs throughout the event**

# ATTENDEE PROFILE

## BY SECTOR

**60%** Enterprises

- Manufacturing
  - Food & Beverage
  - Electrical & Electronics
  - Building Materials
  - Textile & Leather
  - Chemicals & Pharmaceuticals
  - FMCG
  - Automotive
- Energy
  - Banking & Finance
  - Construction & Real-estate
  - Transportation & Logistics
  - Healthcare
  - Education
  - Telcos
  - Utilities
  - Agriculture...



**25%** Central & Local Government

- Leadership from the Central Party, State, Parliament & Government
- Ministries and Departments of: Industry and Trade, Science and Technology, Planning and Investment, Information and Communications, Construction, Transport, Foreign Affairs, Health, Education & Training, Agriculture and Rural Development...
- State Bank of Vietnam
- People's Committee from Cities/Provinces
- ...

**15%** Others

- International associations
- Research Institutes
- Universities...

**40%** OF ATTENDEES FROM ORGANISATIONS WITH MORE THAN 500 EMPLOYEES

## BY JOB LEVEL

**50%**  
C-LEVEL

- President, CEO, VP
- Director, General Manager

**35%**  
M-LEVEL

- Manager | Head | Section Chief
- Assistant Manager | Senior Staff
- Others

**15%**  
E-LEVEL

**85%** OF ATTENDEES HAVE PURCHASING POWER

The Government of Vietnam

Ministry of Information and Communications

Ministry of Industry and Trade

Ministry of Science and Technology

Ministry of Public Security

Ministry of Planning and Investment

Ministry of Defense

Ministry of Finance

Ministry of Natural Resources and Environment

Ministry of Construction

Ministry of Health

State Bank of Vietnam

Hanoi City People's Committee

Ho Chi Minh City People's Committee

# 2019 FEATURED ATTENDEES





# KEY TOPICS TO BE COVERED

**SMART MANUFACTURING**

**DIGITAL GOVERNMENT**

**SMART HUMAN RESOURCES**

**SMART AGRICULTURE**

**POLICY ON INDUSTRIALIZATION  
AND MODERNIZATION**

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**SMART SERVICES**

**SMART CITIES**

**SMART ENERGY**

**SMART INFRASTRUCTURE**

**SMART BANKING**





# HIGH-LEVEL FORUM

**The High-level Forum** will be a premium gathering of policymakers, industry experts, innovators, business leaders and tech giants in Vietnam and around the world to exchange international experience, discuss real-life case studies and suggest initiatives for national digital transformation. By connecting all key players across industries, the forum aims to hasten the development of Vietnam into a Smart Manufacturing - Services Center and an Innovation Hub in Asia.



## TARGETED AUDIENCES

Leadership from the Central Party's committees: Central Economic Commission, Party Central Committee's Office, Central Commission for External Relations, Commission for Propaganda and Education

Leadership from government agencies: The Office of the Government, Ministry of Science and Technology, Ministry of Planning and Investment, Ministry of Industry and Trade, Ministry of Information and Communications, Ministry of Foreign Affairs, etc.

CXO | Chairman | VP | Director of IT/Digital transformation, Strategy & Innovation, Business Development, Project management, R&D from distinguished enterprises in Manufacturing, Energy, Transportation & Logistics, Agriculture, Banking & Financial services, Building & Construction, Retailers, etc. (cập nhật)



## POLICY ON INDUSTRIALIZATION AND MODERNIZATION



### FEATURED TOPICS

- Vietnam's Industrialization and Modernization in the past 35 years: the development process of the Party's awareness and major outcomes
- Identifying the current international landscape and key trends on industrialization and modernization to 2030, with a vision to 2045
- The modern approach and mindset to Industrialization and Modernization
- Industrialization - The driving force for sustainable prosperity
- Mobilizing and allocating resources for the implementation of Industrialization and Modernization
- ASEAN Development and Innovation Strategy in the Era of New Industrialisation

### TARGETED AUDIENCES

- Leadership from the Central Party's committees: Central Economic Commission, Party Central Committee's Office, Central Commission for External Relations, Commission for Propaganda and Education
- Leadership from the government agencies: The Office of the Government, Ministry of Science and Technology, Ministry of Planning and Investment, Ministry of Industry and Trade, Ministry of Information and Communications, Ministry of Foreign Affairs, etc.
- Leadership from People's Committee provinces and local departments
- Representatives from Embassies and International Organizations/Associations
- ...

## SMART INFRASTRUCTURE



### FEATURED TOPICS

- Revamping Urban Transport Infrastructure to match Vietnam's growing needs in the process of Industrialization & Modernization
- Upgrading and Developing Vietnam's Digital Infrastructure in response to Industrialization & Modernization to 2030, vision to 2045
- Building and developing Vietnam's Smart Energy Infrastructure to 2030, vision to 2045
- MaaS - The solution to urban air quality and congestion problem
- Implementing electric vehicles in Vietnam: Opportunities and Challenges Technology
- Better traffic flow with smart traffic control systems

### TARGETED AUDIENCES

- Leadership from Ministry of Transport, Ministry of Information and Communications, Ministry of Industry and Trade, Ministry of Finance
- Leadership from related Government Agencies and local Authorities
- Leadership from related businesses in Construction, Transportation & Logistics, Telcos...



## SMART MANUFACTURING



### FEATURED TOPICS

- The digital transformation of Vietnam's manufacturing industry in the process of industrialization and modernization to 2030
- Benchmarking your smart factory strategy to recover and thrive after the pandemic
- IIoT deployment: From pilot to adoption at scale to unlock operational efficiency
- Industrial robots as a key enabler to boost productivity and stay competitive
- Case studies: Why do you need an AI-embedded MES to achieve real-time visibility and improve decision-making?
- Data-driven manufacturing: How to integrate IT-OT data and make the most of it to reduce downtime and defects?

### TARGETED AUDIENCES

- Leadership from related Central & Local Government agencies: Industry & Trade, Science & Technology, Planning & Investment
- Leadership from corporations in Food & Beverage, Automotive, Electrical & Electronics, Building Materials, Textile & Leather, Chemicals & Pharmaceutical, FMCG, etc.
- CXO | Manager | Head of Departments & Divisions: Manufacturing, Operations & Automation, Facility management, System integration, Quality Assurance, Supply chain & Purchasing, Logistics

## SMART AGRICULTURE



### FEATURED TOPICS

- Modernizing Rural Areas & Developing Smart Agriculture in Vietnam: Opportunities and Challenges
- Transforming Vietnam's Agriculture
- China's experience in Building and Implementing Digitalization Strategies for Rural Areas and Lessons for Vietnam
- Boosting Vietnam's farming efficiency and crop quality with IoT sensors
- Smart Irrigation Systems - the solution to farming in regions with harsh weather conditions
- Application of pulsed electric field technology in food preservation

### TARGETED AUDIENCES

- Leadership from related Central & Local Government agencies: Agriculture and Rural Development, Planning and Investment, Science and Technology,...
- Leadership from Agricultural Research Agencies, Agricultural Co-operatives, Unions, Associations, Universities & Colleges
- CXO | Manager | Head of Departments & Divisions: Developers of Agricultural Robotics | Farm Machinery | Equipment & Components | Applications
- CXO | Manager | Head of Departments & Divisions: Procurement | Strategic Sourcing | Supply Chain Management | Operation & Automation | Facility management | System integration | Quality Assurance | Export & Import...

## SMART ENERGY



### FEATURED TOPICS

- Orientation of Developing Clean Energy Resources in Vietnam's process of Industrialization and Modernization to 2030, Vision to 2045
- Opportunities and Challenges for Renewable Energy: Perspectives from the Investors
- Smart Grid: enabler for Energy Transition
- IoT-based Energy Management System
- Waste – to – Energy: Trends and Opportunities

### TARGETED AUDIENCES

- Leadership from the government agencies: Central Economic Commission, Ministry of Industry and Trade, Vietnam Clean Energy Association
- Leader from: Power Plants | Project investment | Energy supply chain
- CXO | Manager | Head of Department: Energy use management | Consulting solutions | Project Development | Infrastructure & Operations | Research Development & Maintenance
- Energy businesses...

## SMART SERVICES



### FEATURED TOPICS

- The digital transformation of Vietnam's banking industry in the process of Industrialization, Modernization to 2030
- Deploying Smart Hospitals in Vietnam: Opportunities and Challenges
- Developing Smart Tourism in Vietnam's process of Industrialization & Modernization
- Hyper-personalization: enhancing customer experience with value-added offerings using AI
- Case studies: Cybersecurity lessons learnt post-lockdown: Eliminating vulnerabilities for financial services
- Telemedicine - Providing Convenience and Peace of Mind during a Global Pandemic
- Robotic Process Automation: The solution for boosting efficiency and optimizing costs?

### TARGETED AUDIENCES

- Leadership from the government agencies: State Bank of Vietnam, Ministry of Health
- CXO | Manager | Head of Departments & Divisions: IT | System management | Information Security | Risk management | Asset & Liability management | Investment | Payment | Retail Banking | Wholesale Banking | Corporate Banking | Customer service | Operations | Credit appraisal...
- CXO | Manager | Head of Departments & Divisions: Hospital medical equipment and consumables management: Biomedical Equipment Technician, Biomedical Engineering Technician, Physician, Administration, Radiology, Surgical Services... | Procurement: Purchasing, Strategic Sourcing, Supply Chain Management... | Digital health/ICT | Health Management | Academia/R&D...
- Related domestic Associations



## DIGITAL GOVERNMENT



### FEATURED TOPICS

- The journey of developing e-Government towards digital Government in Vietnam: Achievements and Orientations to 2030, vision to 2045
- Case study: How to build a Digital Government master plan for a Smart Nation? Best practices sharing from a regional country
- Cloud Computing – The backbone of Digital Government development
- Laying the foundation of a Digital Society with Citizen Digital Identity
- Leveraging AI and Big Data to improve online public services delivery

### TARGETED AUDIENCES

- Leadership from the government agencies: The Government Office, Ministry of Information and Communications, Ministry of Finance, Ministry of Public Security, Vietnam Government Information Security Commission, etc.
- Leadership from People's Committee provinces
- Leadership from Departments of IT, Science & Technology, Information Security, Administrative procedures, Tax, Customs, ... from related Ministries,
- Representatives from Public services portals
- International Organizations/Associations
- ...

## SMART HUMAN RESOURCES



### SMART HUMAN RESOURCES

- The Fourth Industrial Revolution and the Need for Labor Reform
- The current situation of digitization in Vietnam 's Education and Vocational Training in 2021, Orientations to 2030, with a vision to 2045
- Case study: International Experience on deploying smart Universities
- Learning Management System - A meaningful step to Digital Education
- Integrating Smart Devices for Proactive & Engaged Learning
- AI & ML - Promising Virtual Assistance for Educators

### TARGETED AUDIENCES

- Leadership from the government agencies: Ministry of Education and Training, Academy of Science and Technology, Academy of Social Sciences
- Principle | Manager | Head of: Private Elementary/Secondary/High Schools, Colleges, Academies, Universities, Vocational Training Center, Private Tutoring and Educational Center, etc.
- Heads of Departments & Divisions: Management & Training, IT, HR & Administration, etc.

## SMART CITIES



### FEATURED TOPICS

- Vietnam's Urbanization, Urban Development and Urban Economy to 2030, vision to 2045
- Developing Smart Cities in the Vietnam's: Progress & Recommendations
- Global Emerging Trends on Urbanization and Smart Cities Development
- Case Study: Optimizing building operations by integrating BIM and Big Data
- Advanced CCTV systems for building security
- The application of Building Automation System (BAS) for Smart Buildings

### TARGETED AUDIENCES

- Leadership from the government agencies: Ministry of Construction, Ministry of Information and Communications, Ministry of Public Security, Ministry of Transport, Ministry of Science and Technology, etc.
- Leadership from People's Committee provinces and local departments
- CXO | Manager | Head of : Urban Planning | Architecture & Design Consultancy | Project Development | Electromechanical/Engineering | IT | System & Network Administration | Infrastructure & Operation | Building maintenance | Security...
- Related domestic and international Associations

## SMART BANKING



### FEATURED TOPICS

- The digital transformation of Vietnam's banking sector on the roadmap to industrialization, modernization to 2030
- Modernizing core banking systems for the digital transformation journey
- Integrating IoT devices for a seamless, contactless payment strategy
- Case study: Cybersecurity lessons learnt post-lockdown: Eliminating vulnerabilities for financial services
- Hyper-personalization: enhancing customer experience with value-added offerings using AI
- Robotic Process Automation: The solution for boosting efficiency and optimizing costs?

### TARGETED AUDIENCES

CXO | Manager | Head of

- |                                |                     |                       |
|--------------------------------|---------------------|-----------------------|
| • IT                           | • Investment        | • Customer service    |
| • System management            | • Payment           | • Operations          |
| • Information Security         | • Retail Banking    | • Credit appraisal... |
| • Risk management              | • Wholesale Banking |                       |
| • Asset & Liability management | • Corporate Banking |                       |



# EXPO HIGHLIGHTS

## WE GATHER THE LATEST EDITION OF SMART INDUSTRIES

With the participation of over 80 tech giants, **Industry 4.0 Expo 2021** offers attendees an exclusive opportunity to explore the most forward-thinking technologies that are changing industries at an unprecedented speed.



INDUSTRY  
Summit 4.0



## ICT INFRASTRUCTURE & 4.0 TECHNOLOGIES

- 4G/LTE/5G
- Wifi & Super Broadband
- Cloud Computing
- AI/ML
- Blockchain
- Big Data & Data Analytics
- Cyber Security
- ICT Solutions
- ...



## DIGITAL GOVERNMENT

- E-Government (G2G/G2B/G2C)
- Digital Identity
- Intelligent Operation Center
- Open Data Platform
- Surveillance CCTV/Drones
- Disaster Management Solution/Emergency Response
- ...



## SMART MANUFACTURING

- Smart Factory
- Robotics & Automation
- IIoT & Smart sensors
- Industrial Data Analytics
- 3D Printing/Additive Manufacturing
- Digital Twin
- Supporting software (SCADA/ERP/PLM/MES...)
- AR & VR
- ...



## SMART BANKING & FINANCIAL SERVICES

- Core Banking
- Omnichannel Banks
- Digital Banks/Mobile Banking
- APIs & Open Banking
- RPA & Automation
- Chatbots
- eKYC
- Biometrics
- ...





## SMART TRANSPORTATION

- Intelligent traffic management centers
- Smart transport systems
- Electric vehicles
- MaaS platforms
- AI-powered smart surveillance systems
- Supply chains management
- ...



## SMART BUILDING

- BMS
- BIM
- Autonomous Buildings
- Access & Control
- Advanced HVAC system
- Smart Lighting
- Energy Storage/Saving
- Smart Grid/Smart Meter
- Smart Home
- ...



## SMART EDUCATION

- Smart school
- Smart class equipment
- Curriculum & Instructional tools
- Learning management system
- eLearning platforms/portals
- STEM/STEAM Products & Services
- Immersive Learning (AR & VR)
- Gamification...



## SMART AGRICULTURE

- Smart Sensors
- Autonomous/Semi-autonomous tractors
- Smart greenhouse technologies
- Smart irrigation
- Farm management systems
- Robotics
- ...

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