



ACCELERATING MODERNIZATION & INDUSTRIALIZATION IN THE DIGITAL ERA

ORGANIZED BY



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6-7 July, 2021



National Convention Center, Hanoi



HIGH-LEVEL FORUM

VIETNAM INDUSTRY 4.0 SUMMIT 2021

“ACCELERATING MODERNIZATION & INDUSTRIALIZATION IN THE DIGITAL ERA”

(The High-level Forum in conjunction with developing and researching for Project “Guidelines and policies for industrialization and modernization to 2030, with a vision to 2045” and reviewing 3 years of implementing the Politburo's Resolution 23-NQ/TW, dated March 22nd, 2018 on “Orientations for building national industrial development policies to 2030, with a vision to 2045”, 2 years of implementing Resolution 52-NQ/TW, dated September 27th, 2019, on “A number of guidelines and policies to actively participate in the Fourth Industrial Revolution”)

DAY 2

HIGH-LEVEL FORUM

Time: 07:30 - 12:00, Wednesday, July 7th, 2021

Venue: National Convention Center, Hanoi

Co-hosted by:

1. Member of the Politburo, Prime Minister of Vietnam
2. Member of the Politburo, Chairman of the Central Economic Commission
3. Member of the Politburo, Director of Ho Chi Minh National Academy of Politics, Chairman of the Central Theoretical Council
4. Member of the Secretariat, Chairman of Commission for Propaganda and Education
5. Member of the Party Central Committee, Vice Chairman of the National Assembly in charge of Economic Affairs

Participants of the Executive Talk:

1. Minister, Chairman of the Office of the Government
2. Minister of Industry and Trade
3. Minister of Information and Communications
4. Minister of Planning and Investment
5. Minister of Science and Technology
6. Minister of Agriculture and Rural Development

7. Minister of Education and Training
8. Minister of Labour - Invalids and Social Affairs
9. Minister of Finance
10. Governor of the State Bank of Vietnam
11. Chairman of the National Assembly's Committee for Science, Technology and Environment
12. Chairman of Commission for Management of State Capital at Enterprises
13. Chairman of Vietnam Union of Science and Technology Associations
14. Leadership from related Ministries and Government agencies
15. Representatives from international Organizations, Experts, Enterprises

07:30	DELEGATE REGISTRATION
08:00	VIP EXPOSITION TOUR <i>Leaders from the Party, the State, related Ministries and Government agencies visit Industry 4.0 expo</i>
08:30	OPENING CEREMONY
08:30	OPENING REMARKS <i>H.E. Mr. Tran Tuan Anh, Member of the Politburo, Chairman of the Central Economic Commission</i>
08:40	Video Clip: “3 years of implementing Politburo’s Resolution 23 and 2 years of implementing Politburo’s Resolution 52 and a number of considerations”
	KEYNOTES
08:50	Industrialization in the Digital Era <i>Representative from United Nations Industrial Development Organization (UNIDO)</i>
09:05	<u>Online Speech: Industrialization Lessons from Korea</u> <i>Consulting Expert from Korea</i>
09:20	<u>Online Speech: China’s Industrialization and Modernization in the New Landscape</u> <i>Consulting Expert from China</i>
09:35	Examining the research framework and core issues of the nation's industrialization and modernization policies to 2030, with a vision to 2045 <i>Leadership from the Central Economic Commission</i>
09:40	TEA BREAK
09:55	EXECUTIVE TALK Moderator: Consulting expert
	* Participants: <ul style="list-style-type: none"> - Leadership from the Central Party & the State - Representatives from related Ministries and Government agencies - Representatives from International Organizations - International and Domestic Enterprises and Experts (Viettel, Thaco)

*** Topics:**

- Recommendations on Industrialization models for Vietnam in the New Normal, policy recommendations to expedite industrialization and modernization in the Digital Era;
- Sharing international experiences on industrialization, promoting digital economy, digital socialization, smart manufacturing, etc.
- Recommendations from enterprises on how Vietnam could realize its vision to become a smart manufacturing - services center and an innovation hub in Asia as stated in Politburo's Resolution 52 and other suggestions.

*** Other activities:**

- Showing a video clip compounding suggestions and recommendations at conference sessions in **Vietnam Industry 4.0 Summit 2021**
- Discourse with representatives from domestic and international Organizations and Enterprises
- Discourse with leadership from the Central Party, the State, related Ministries and Government agencies.

11:15

ORIENTATION REMARKS BY THE PRIME MINISTER

Member of the Politburo, the Prime Minister of Vietnam

11:40

CLOSING REMARKS

Member of the Politburo, Chairman of the Central Economic Commission

12:00

END OF HIGH-LEVEL FORUM



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DAY 1

CONFERENCE SESSIONS

July, 2021 | National Convention Center, Hanoi

CONFERENCE SESSION 1: CONSIDERATIONS IN THE PROCESS OF ACCELERATING INDUSTRIALIZATION & MODERNIZATION BASED ON SCIENCE & TECHNOLOGY INNOVATIONS TO 2030, WITH A VISION TO 2045

Time: 08:00 – 12:00, Tuesday, July 6th, 2021

Venue: National Convention Center, Hanoi

Co-hosted by:

- Leadership from the Central Economic Commission
- Leadership from Ministry of Planning and Investment
- Leadership from Ministry of Industry and Trade
- Leadership from Minister of Science and Technology

08:00	DELEGATE REGISTRATION
08:30	VIP INTRODUCTION
08:35	OPENING REMARKS
	KEYNOTES
08:45	Vietnam's Industrialization and Modernization in the past 35 years: the development process of the Party's awareness and major outcomes <i>Domestic Consulting Expert</i>
09:00	Identifying the current international landscape and key trends on industrialization and modernization to 2030, with a vision to 2045 <i>Consulting Expert from Qualcomm</i>
09:15	The modern approach and mindset to Industrialization and Modernization <i>International Consulting Expert from McKinsey & Co</i>
09:30	Industrialization - The driving force for sustainable prosperity <i>Consulting Expert from UNIDO</i>

09:45	TEA BREAK
	KEYNOTES
10:05	Mobilizing and allocating resources for the implementation of Industrialization and Modernization <i>Consulting Expert</i>
10:20	ASEAN Development and Innovation Strategy in the Era of New Industrialisation <i>Consulting Expert from ERIA</i>
10:35	PANEL DISCUSSION
12:00	END OF SESSION

CONFERENCE SESSION 2: DEVELOPING COMPREHENSIVE & SMART INFRASTRUCTURE FOR ACCELERATING VIETNAM'S INDUSTRIALIZATION TO 2030, VISION TO 2045

Time: 08:00 – 12:00, July 6th, 2021

Venue: National Convention Center, Hanoi

Co-hosted by:

- Leadership from the Central Economic Commission
- Leadership from Ministry of Transport
- Leadership from Ministry of Information and Communications
- Leadership from Ministry of Construction

08:00	DELEGATE REGISTRATION
08:30	VIP INTRODUCTION
08:35	OPENING REMARKS
	KEYNOTES
08:45	Revamping Urban Transport Infrastructure to match Vietnam's growing needs in the process of Industrialization & Modernization <i>Policy Consulting Expert</i>
09:00	Upgrading and Developing Vietnam's Digital Infrastructure in response to Industrialization & Modernization to 2030, vision to 2045 <i>Policy Consulting Expert</i>
09:15	Implementing electric vehicles in Vietnam: Opportunities and Challenges <i>Consulting Expert from Vingroup</i>
09:30	Better traffic flow with smart traffic control systems <i>Consulting Expert from FPT</i>
9:45	TEA BREAK
	KEYNOTES
10:05	MaaS - The solution to urban air quality and congestion problem <i>Consulting Expert from Be Group</i>
10:20	Monitor Traffic with Smart CCTV systems <i>Consulting Expert from Hikvision</i>
10:35	PANEL DISCUSSION
12:00	END OF SESSION

CONFERENCE SESSION 3: BUILDING SMART MANUFACTURING IN VIETNAM'S PROCESS OF INDUSTRIALIZATION, AND MODERNIZATION TO 2030, VISION TO 2045

Time: 08:00 – 12:00, July 6th, 2021

Venue: National Convention Center, Hanoi

Co-hosted by:

- Leadership from the Central Economic Commission
- Leadership from Ministry of Industry and Trade
- Leadership from Commission for the Management of State Capital at Enterprises
- Leadership from Ministry of Planning and Investment

08:00	DELEGATE REGISTRATION
08:30	VIP INTRODUCTION
08:35	OPENING REMARKS
	KEYNOTES
08:45	The digital transformation of Vietnam's manufacturing industry in the process of industrialization and modernization to 2030 <i>Consulting expert from Ministry of Industry and Trade</i>
09:00	Benchmarking your smart factory strategy to recover and thrive after the pandemic <i>Consulting Expert</i>
09:15	Data-driven manufacturing: How to integrate IT-OT data and make the most of it to reduce downtime and defects? <i>Consulting Expert from Daikin</i>
09:30	IIoT deployment: From pilot to adoption at scale to unlock operational efficiency <i>Consulting Expert from Advantech</i>
09:45	TEA BREAK
	KEYNOTES
10:05	Next generation Industries - Smart operations, next generation tools and Integrated energy & automation <i>Consulting Expert from Schneider Electric</i>
10:20	Industrial robots as a key enabler to boost productivity and stay competitive <i>Consulting Expert from ABeam Consulting</i>
10:35	PANEL DISCUSSION
12:00	END OF SESSION

CONFERENCE SESSION 4: MODERNIZING RURAL AREAS & DEVELOPING SMART AGRICULTURE IN VIETNAM'S PROCESS OF INDUSTRIALIZATION TO 2030, VISION TO 2045

Time: 08:00 – 12:00, July 6th, 2021

Venue: National Convention Center, Hanoi

Co-hosted by:

- Leadership from the Central Economic Commission
- Leadership from the National Assembly's Economic Committee
- Leadership from Ministry of Agriculture and Rural Development
- Leadership from Ministry of Information and Communications

08:00	DELEGATE REGISTRATION
08:30	VIP INTRODUCTION
08:35	OPENING REMARKS
	KEYNOTES
08:45	Modernizing Rural Areas & Developing Smart Agriculture in Vietnam: Opportunities and Challenges <i>Representative from Ministry of Agriculture and Rural Development</i>
09:00	Transforming Vietnam's Agriculture <i>Consulting Expert from World Bank</i>
09:15	China's experience in Building and Implementing Digitalization Strategies for Rural Areas and Lessons for Vietnam <i>Consulting Expert from China/Chinese Research Institute</i>
09:30	Boosting Vietnam's farming efficiency and crop quality with IoT sensors <i>Consulting Expert</i>
09:45	TEA BREAK
	KEYNOTES
10:05	Smart Irrigation Systems - the solution to farming in regions with harsh weather conditions <i>Consulting Expert</i>
10:20	Application of pulsed electric field technology in food preservation <i>Consulting Expert</i>
10:35	PANEL DISCUSSION
12:00	END OF SESSION

CONFERENCE SESSION 5: DEVELOPING SMART SERVICES & SMART BUSINESS MODELS IN VIETNAM'S PROCESS OF INDUSTRIALIZATION TO 2030, VISION TO 2045

Time: 13:00 - 17:30, Tuesday, July 6th, 2021

Venue: National Convention Center, Hanoi

Co-hosted by:

- Leadership from the Central Economic Commission
- Leadership from Ministry of Science and Technology
- Leadership from Ministry of Industry and Trade

13:00	DELEGATE REGISTRATION
13:30	VIP INTRODUCTION
13:35	OPENING REMARKS
	KEYNOTES
13:45	The digital transformation of Vietnam's service industries in the process of Industrialization, Modernization to 2030 <i>Consulting Expert from Ministry of Science and Technology</i>
14:00	The megatrends of Developing New Business Models in the Digital Era <i>International Consulting Expert</i>
14:15	E-commerce's Expansive Growth in Vietnam <i>Consulting Expert from Lazada</i>
14:30	Modernize Customer Experience with After Sales Solutions <i>Consulting Expert from Daikin</i>
14:45	TEA BREAK
	KEYNOTES
15:15	A Delivery Service to match users' growing expectations <i>Consulting Expert from Grab</i>
15:30	Optimizing Online Payment Channels <i>Consulting Expert</i>
15:45	PANEL DISCUSSION
17:30	END OF SESSION

CONFERENCE SESSION 6: BUILDING DIGITAL GOVERNMENT IN VIETNAM'S PROCESS OF INDUSTRIALIZATION TO 2030, VISION TO 2045

Time: 13:00 – 17:30, Tuesday, July 6th, 2021

Venue: National Convention Center, Hanoi

Co-hosted by:

- Leadership from Central Economic Commission
- Leadership from The Office of the Government
- Leadership from Ministry of Information and Communications

13:00	DELEGATE REGISTRATION
13:30	VIP INTRODUCTION
13:35	OPENING REMARKS
	KEYNOTES
13:45	The journey of developing e-Government towards digital Government in Vietnam: Achievements and Orientations to 2030, vision to 2045 <i>Representative from the Office of the Government of Vietnam/Ministry of Information and Communications</i>
14:00	Laying the foundation of a Digital Society with Citizen Digital Identity <i>Consulting Expert from VNPT</i>
14:15	<u>Case study:</u> How to build a resilient IT infrastructure to support a Digital Government master plan? Best practices sharing from regional countries <i>Consulting Expert from Schneider Electric</i>
14:30	Cloud Computing – The backbone of Digital Government development <i>Consulting Expert from Huawei</i>
14:45	TEA BREAK
	KEYNOTES
15:15	Leveraging AI and Big Data to improve online public services delivery <i>Consulting Expert from BKAV</i>
15:30	Ensuring Cybersecurity for Digital Government <i>Consulting Expert</i>
15:45	PANEL DISCUSSION
	Topics of discussion: <ul style="list-style-type: none"> - Policy recommendations to facilitate the application of 4.0 technologies in Smart Governance (Cloud computing, Big Data, AI/ML, etc.) - Leveraging high-technologies to build a more transparent, accountable and people-centric government - Privacy and security considerations in developing E-Government towards Digital Government
17:30	END OF SESSION

CONFERENCE SESSION 7: TRANSFORMING THE LABOR FORCE AND DEVELOPING SKILLED HUMAN RESOURCES IN THE VIETNAM'S PROCESS OF INDUSTRIALIZATION TO 2030, VISION TO 2045

Time: 13:00 – 17:30, Tuesday, July 6th, 2021

Venue: National Convention Center, Hanoi

Co-hosted by:

- Leadership from the Central Economic Commission
- Leadership from Minister of Education and Training
- Leadership from Minister of Labour - Invalids and Social Affairs

13:00	DELEGATE REGISTRATION
13:30	VIP INTRODUCTION
13:35	OPENING REMARKS
	KEYNOTES
13:45	The Fourth Industrial Revolution and the Need for Labor Reform <i>Representative from International Labour Organization (ILO)</i>
14:00	The current situation of digitization in Vietnam’s Education and Vocational Training in 2021, Orientations to 2030, with a vision to 2045 <i>Leadership from Ministry of Education and Training</i>
14:15	<u>Case study:</u> Experience on deploying Smart University Models <i>Consulting Expert from VinUni</i>
14:30	Learning Management System - A meaningful step to Digital Education <i>Consulting Expert</i>
14:45	TEA BREAK
	KEYNOTES
15:15	Integrating Smart Devices for Proactive & Engaged Learning <i>Consulting Expert</i>
15:35	AI & ML - Promising Virtual Assistance for Educators <i>Consulting Expert</i>
15:55	Q&A
17:30	END OF THE SESSION

CONFERENCE SESSION 8: URBANIZATION ASSOCIATED WITH DEVELOPING SMART CITIES IN THE VIETNAM'S PROCESS OF INDUSTRIALIZATION, MODERNIZATION TO 2030, VISION TO 2045

Time: 13:00 – 17:30, Tuesday, July 6th, 2021

Venue: National Convention Center, Hanoi

Co-hosted by:

- Leadership from Ministry of Construction
- Leadership from Central Economic Commission
- Leadership from Hanoi People's Committee
- Leadership from Association of Cities of Vietnam (ACVN)

13:00	DELEGATE REGISTRATION
13:30	VIP INTRODUCTION
13:35	OPENING REMARKS
	KEYNOTES
13:45	Vietnam's Urbanization, Urban Development and Urban Economy to 2030, vision to 2045 <i>The Project's Editorial Team</i>
14:00	Developing Smart Cities in Vietnam: Progress & Recommendations <i>Consulting Expert from Ministry of Construction</i>
14:15	Global Emerging Trends on Urbanization and Smart Cities Development <i>Consulting Expert from Viettel</i>
14:30	<u>Case Study:</u> The application of Building Automation System (BAS) for Smart Buildings <i>Consulting Expert</i>
14:45	TEA BREAK
	KEYNOTES
15:15	Advanced CCTV systems for building security <i>Consulting Expert from Dahua</i>
15:30	Optimizing building operations by integrating BIM and Big Data <i>Consulting Expert from FPT</i>
15:45	PANEL DISCUSSION
17:30	END OF SESSION

CONFERENCE SESSION 9: DEVELOPING SMART BANKING IN VIETNAM'S PROCESS OF INDUSTRIALIZATION TO 2030, VISION TO 2045

Time: 13:00 - 17:30, Tuesday, July 6th, 2021

Venue: National Convention Center, Hanoi

Co-hosted by:

- Leadership from the Central Economic Commission
- Leadership from the State Bank of Vietnam
- Leadership from Ministry of Finance
- Leadership from Vietnam Banks Association (VNBA)

13:00	DELEGATE REGISTRATION
13:30	VIP INTRODUCTION
13:35	OPENING REMARKS
	KEYNOTES
13:45	The digital transformation of Vietnam's banking sector on the roadmap to industrialization, modernization to 2030 <i>Consulting expert from the State Bank of Vietnam</i>
14:00	Modernizing core banking systems for the digital transformation journey <i>Consulting expert from Backbase</i>
14:15	Integrating IoT devices for a seamless, contactless payment strategy <i>Consulting expert from Samsung</i>
14:30	<u>Case study:</u> Cybersecurity lessons learnt post-lockdown: Eliminating vulnerabilities for financial services <i>Consulting Expert from Fortinet</i>
14:45	TEA BREAK
	KEYNOTES
15:15	Hyper-personalization: enhancing customer experience with value-added offerings using AI <i>Consulting Expert from VP Bank</i>
15:30	Robotic Process Automation: The solution for boosting efficiency and optimizing costs? <i>Consulting Expert from Dell Technologies</i>
15:45	PANEL DISCUSSION
17:30	END OF SESSION



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GALA DINNER

INDUSTRY 4.0 SUMMIT & INTERNATIONAL EXPO

*** Co-hosted by:**

- Leadership from the Central Economic Commission
- Leadership from Central Party agencies

*** Distinguished guests (by invitation):**

- 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, State Bank of Vietnam, Ministry of Transport, Ministry of Health, Ministry of Finance, Ministry of Education and Training...

- Leadership from cities and provinces

- Leadership from Vietnam Academy of Science and Technology, Vietnam Academy of Social Sciences, Vietnam National University (Hanoi), Vietnam National University Ho Chi Minh City

- Member of the Steering Committee - Organizing Committee

- Representatives from event partners and speakers

* **Time:** 18:00 - 21:00, Tuesday, July 6th, 2021

* **Venue:** National Convention Center, Hanoi

18:00	DELEGATE REGISTRATION AND NETWORKING COCKTAIL
18:30	OPENING REMARKS <i>Leadership from the Central Economic Commission</i>
18:40	REMARKS BY LEADERSHIP FROM THE OFFICE OF THE GOVERNMENT
18:50	NETWORKING DINNER
19:40	TROPHY PRESENTATION Representatives from the Organizing Committee present trophies to event partners
21:00	END OF GALA DINNER