ASEAN 4.0: Entrepreneurship and the Fourth Industrial Revolution

The 50th anniversary of ASEAN in 2017 was cause for much celebration. Ten highly diverse countries have navigated five decades of domestic and geopolitical turbulence, economic change and technological disruption to emerge as a strong community of nations.

But looking ahead, the challenges are rising as profound shifts occur at accelerating speed. A broad-based economic recovery is welcome, yet is fuelling income inequality and rising environmental pressures. Geopolitically, we are moving from a unipolar system of governance towards a multipolar and multiconceptual order with precarious friction points. Nation states face new threats to stability and eroding public trust.

Underlying these trends sit the uncertainties of the Fourth Industrial Revolution. Technological change is delivering exciting solutions to persistent problems, yet disrupting jobs and social structures. In ASEAN, the labour force is forecast to expand by 11,000 workers every day for the next 15 years. And yet, industrial robots now outcompete low-skilled manufacturing labour. Artificial intelligence threatens ASEAN’s service jobs. Self-driving vehicles are already at work in South-East Asia. How will the region’s growing workforce find jobs?

Addressing these issues will call for entrepreneurship. At one level, the region must unleash the entrepreneurial spirit of individuals and SMEs to build new companies and industries. But, just as important, ASEAN must embrace entrepreneurship in the crafting of policy, governance models, geopolitical relationships and new approaches to inclusive growth. In short, there must be entrepreneurship not only in the business interest, but in the public interest too.

Join us in Ha Noi to shape the path forward through ASEAN’s transition. During the meeting, you will connect not only with the region’s political, business, academic and civil society leaders, but also with a group of 75 handpicked start-ups. This group of early-stage companies represents the very best of ASEAN’s dynamism and entrepreneurship.
Meet the Co-Chairs

Anne-Birgitte Albrectsen  
Chief Executive Officer, Plan International, United Kingdom

Nazir Razak  
Chairman, CIMB Group Holdings, Malaysia

Sri Mulyani Indrawati  
Minister of Finance of Indonesia

Kevin Sneader  
Global Managing Partner, McKinsey & Company, Hong Kong SAR

Kang Kyung-Wha  
Minister of Foreign Affairs of the Republic of Korea

Nguyen Manh Hung  
Acting Minister of Information and Communications of Viet Nam

On the agenda

The meeting will address strategic issues of national and regional significance under three thematic pillars:

**Entrepreneurship to craft new approaches to regional and global governance**
Debate how the region must respond to fluid geo-economics, shifting trade relationships and new power dynamics to secure peace and prosperity for all. Contribute to shaping a new vision for driving regional integration as the Fourth Industrial Revolution changes the nature of cross-border trade and investment.

**Entrepreneurship to drive economic and business dynamism**
Understand the drivers of new business models, the shape of emerging economic systems and the requirements for agile governance as digital disruption gives rise to giant threats and exciting opportunities for a new generation of ASEAN leaders.

**Entrepreneurship to shape social inclusion**
Explore how the Fourth Industrial Revolution can both exacerbate and ameliorate inequality and social fragility. Help shape the forces of change to drive access to better healthcare and education, new infrastructure, financial inclusion and more accountable governance.

Engaging with the systems platform

The World Economic Forum has created a platform to address the world’s most pressing issues through a systems approach. This year in ASEAN, the following System Initiatives will feature prominently in the meeting agenda:

**Shaping the Future of Digital Economy and Society**
The Forum has a broad portfolio of projects, grouped under the Digital ASEAN initiative, that are collectively helping to build a regional digital economy. Led by a board of governors made up of ASEAN ministers of ICT, Trade and Digital Economy as well as business leaders, this work is focused on issues such as harmonizing the rules for cross-border data flows and integrating e-payment systems, as well as promoting basic internet access and digital literacy. This community will convene at the meeting to push forward the regional work.

**Shaping the Future of Education, Gender and Work**
The Forum is collaborating with national governments and industry leaders across South-East Asia to conduct a deep-dive study into the Future of Jobs in ASEAN. Based on an extensive survey of the region’s most critical business sectors, the study aims to assess the skills that will be needed by the workforce in the future and what must be done today to ensure that education systems are providing the right training. The results of this work will be released at the meeting with a view to crafting new policy responses.
Shaping the Future of International Trade and Investment
Given the onset of deep and far-reaching technological progress, the nature of cross-border trade and economic relationships is changing at dizzying speed. Physical goods are becoming more virtual. Services are becoming more tradeable. E-commerce is empowering SMEs to go international. This emerging landscape demands that the region adopt a new approach to building the ASEAN Economic Community, or risk falling behind in this moment of global reset. The Forum has a task force that is developing new ideas for regional integration, and the latest thinking will be shared at the meeting.

Shaping the Future of Production
Over the past several decades, the ASEAN region has grown into a manufacturing powerhouse, not only serving its domestic markets, but also competing successfully to serve the world. Today, however, technologies such as 3D printing, advanced industrial robots and the internet of things are disrupting global supply chains. The Forum is conducting a large pan-ASEAN research project to suggest ideas on how the region can not only stay competitive, but also build resilience through a pan-regional industrial strategy. The results will be shared at the meeting.

Shaping the Future of Economic Progress
The Forum has developed robust tools for measuring economic competitiveness, the inclusivity of growth and the changing character of risk. Just as important, the Forum runs laboratories and workshops across the region, helping both business and government to address weaknesses and craft new policies. Given the region’s youthful character, the work also addresses how to unlock ASEAN’s demographic dividend. Updates and the latest research in all these areas will be shared at the meeting.

Shaping the Future of Long-Term Investing, Infrastructure and Development
Given the high rate of economic growth in ASEAN, infrastructure investment is not keeping up. The Forum has several workstreams designed to contribute to reducing the regional infrastructure deficit. Its National Infrastructure Accelerator programmes help identify and address issues preventing projects from being built. And its Sustainable Development Investment Partnership (SDIP) is harnessing the use of blended finance to address difficult risks that make it hard for projects to gain access to funding. All of the communities involved in this work will convene during the meeting.

Shaping the Future of Environment and Natural Resource Security
The economic development of ASEAN exerts a heavy toll in the form of environmental degradation, from deforestation to plastic pollution to water mismanagement. The meeting will examine the biggest risks and threats the region faces to environmental sustainability and explore new ideas for mitigating these risks.

Shaping the Future of Food Security and Agriculture
The New Vision for Agriculture (NVA) is a global initiative of the World Economic Forum to improve food security, environmental sustainability and economic opportunity through a market-based, multistakeholder approach. In ASEAN, the NVA has a partnership with the ASEAN Secretariat called Grow Asia, which runs country programmes in Indonesia, the Philippines, Viet Nam, Cambodia and Myanmar. This work engages key stakeholders – national and local governments; global and local companies; international organizations; civil society and farmer organizations; research groups and academia. At the meeting, Grow Asia will stage a full day of meetings to assess the status of its work and gather input for the year ahead.
Featured industries

Discussions at the meeting will also focus on the future of key sectors in ASEAN, assessing the challenges and opportunities that lie ahead. Among the featured industries will be:

Financial services
Financial institutions taking part in the meeting will explore the economic outlook for the region and how they can play a role in the next phase of ASEAN growth. Topics to be highlighted include financial inclusion and basic access to bank accounts, credit, payments and insurance, the varying financial needs of different generations, infrastructure funding, and the future of the ASEAN Economic Community from a financial services perspective.

Infrastructure and construction
The digitalization of the built environment will revolutionize how we innovate in the provision of urban services and build and deliver the underlying infrastructure and real estate assets. The market for these services in ASEAN is huge. The Forum will facilitate the required multistakeholder dialogue on how to improve the delivery of smart/connected infrastructure and construction to meet the needs of the regional economy. Participants will further define how to transform the ASEAN construction industry’s approach to planning, building, maintaining and using social and economic infrastructure.

Oil, gas and energy
ASEAN’s energy system is going through an unprecedented transition driven by new technologies, policy shifts and changes in energy demand. The World Economic Forum and the ASEAN Council on Petroleum (ASCOPE) initiated a collaboration in 2017 that explores how the region and its oil and gas industry can prepare for and realize the opportunities stemming from the transition. The meeting provides a chance not only to deepen understanding of how to build an inclusive, affordable, sustainable and secure energy future, but also to support the design and accelerate the development of effective policies, corporate actions and public-private collaboration.

Information technology and electronics
ASEAN has been a critical link in the innovation and production supply chains for the global technology industry. To continue playing this pivotal role, the IT and electronics industries need to keep adapting to changing business models and social expectations. To support ASEAN’s continued innovation, discussions at the meeting will focus on the regional dimensions of the IT Skilling Consortium (launched at the Annual Meeting 2018 in Davos) to reflect the industry’s support for employment and skilling for workers in the region. Participants will also discuss how to take advantage of key enablers for the IoT-enabled circular economy in the region to support sustainable growth.

Aviation, travel and tourism
ASEAN has become a top destination for investors and multinationals in the travel and tourism sectors. Some of this attractiveness stems from the region’s efforts to promote economic integration. But, while the creation of the ASEAN Economic Community has been a success on several counts, much remains to be done to ensure the secure and seamless movement of people. Discussions at the meeting will explore new approaches to the creation of a Known Traveller agreement for ASEAN countries.

Consumer goods and retail
With projected annual growth of more than 5% and a rapidly growing middle class, the ASEAN region will become the fourth-largest economy in the world by 2050. In turn, this will fuel a vibrant consumer market empowered by innovation, technology and new digitally enabled business models. It will also present challenges for society and government to mitigate the risks of a more digitalized market. The Forum has conducted extensive research on how other fast-growing economies are preparing for similar challenges and working to ensure inclusive and sustainable growth. These global insights, along with ASEAN’s unique drivers of future consumption, will be discussed at the meeting.
Meet outstanding ASEAN start-ups

Even a casual observer can see that South-East Asia is a hotbed of entrepreneurship, with young leaders building exciting new enterprises at astonishing speed. These new businesses and social ventures are not only creating tomorrow's corporate champions, but also bringing entirely new approaches to tackling persistent social and environmental challenges. The World Economic Forum is inviting these high-impact start-ups and entrepreneurs from across ASEAN to join the meeting so they can share their innovative thinking and visionary ideas with business and civil society leaders and policy-makers.

Who is taking part?

Institutional Members and Partners – The most influential ASEAN and international corporations
Forum Members – Innovative businesses harnessing technology to drive future growth
Public Figures – Heads of state and government, ministers, public-sector leaders and policy-makers committed to improving the state of ASEAN
Technology Pioneers – Companies developing life-changing technologies with the potential for long-term impact on business and society
Young Global Leaders – Leaders under the age of 40 providing insight into the priorities and expectations of future generations
Civil Society Organizations – Leaders driving social progress from non-governmental, labour and faith-based organizations
Global Shapers – Individuals under the age of 30 selected for their leadership potential
Social Entrepreneurs – Leaders driving social change with innovative business solutions and partnership models
Young Scientists – Exceptional researchers producing groundbreaking work across disciplines
Faculty and Global Future Council Members – Top experts generating insight through thought leadership and interdisciplinary collaboration
Cultural Leaders – Renowned artists challenging assumptions about technology, sharing visions of the future and building bridges on global issues
Media Leaders – Publishers and editors-in-chief, top economic columnists and editors of leading science publications

They will form a community of ASEAN leaders who can pioneer a generational transformation and unlock the region’s potential while addressing basic economic and social needs. Applications are sourced from across the region and carefully evaluated on the basis of criteria such as revenue generation, funding sources and social impact. Selection is by leading experts of the entrepreneurship ecosystem in ASEAN. In addition, Partner companies of the Forum can make nominations, and start-ups can apply to join this community.

Programme at a glance

<table>
<thead>
<tr>
<th>Tuesday 11 September</th>
<th>Wednesday 12 September</th>
<th>Thursday 13 September</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.00 - 21.00</td>
<td>07.30 - 21.00</td>
<td>07.30 - 14.00</td>
</tr>
<tr>
<td>Registration</td>
<td>Registration</td>
<td>Registration</td>
</tr>
<tr>
<td>14.00 - 18.30</td>
<td>08.00 - 18.00</td>
<td>08.00 - 13.15</td>
</tr>
<tr>
<td>Community sessions</td>
<td>Official sessions</td>
<td>Official sessions</td>
</tr>
<tr>
<td>19.00 - 21.00</td>
<td>19.00 - 22.00</td>
<td>13.15 - 14.00</td>
</tr>
<tr>
<td>Welcome reception</td>
<td>Cultural soirée</td>
<td>Closing plenary</td>
</tr>
</tbody>
</table>

Tuesday 11 September
07.30 - 21.00 Registration
14.00 - 18.30 Community sessions
19.00 - 21.00 Welcome reception

Wednesday 12 September
07.30 - 21.00 Registration
08.00 - 18.00 Official sessions
19.00 - 22.00 Cultural soirée

Thursday 13 September
07.30 - 14.00 Registration
08.00 - 13.15 Official sessions
13.15 - 14.00 Closing plenary
Continue your meeting experience

After the meeting, continue the conversations from Viet Nam via TopLink and tap into the Transformation Maps, tying issues together through data visualization.

Registration and information

Visit the Forum’s online collaboration and interaction platform TopLink to register for the meeting, contribute to the agenda and receive updates on the programme and participants, and other meeting highlights.

Frequently asked questions

How will the meeting be structured?
The programme will feature innovative formats to generate insight, spark inspiration and drive impact. These formats include plenary and arena sessions, interactive workshops, televised sessions, issue briefings, hubs, a special programme to showcase ASEAN’s most dynamic entrepreneurs, and art exhibits.

Where will the meeting take place?
National Convention Center (NCC)
Gate No. 1, Thang Long Avenue, Me Tri, Tu Liem South, Ha Noi.

What does registration include?
Registration includes access to all sessions, including lunches and dinners.

What is the working language of the meeting?
Most sessions will be held in English. Simultaneous interpretation in Vietnamese, Korean, Japanese and Chinese will be offered in some sessions.

Can my spouse participate in the meeting?
Due to space limitations at the venue, we welcome spouse participation at the welcome reception and cultural soirée. Please contact your Forum engagement manager for more information.

By when do I need to register?
The deadline for registration is 24 August 2018. We strongly recommend that you register as early as possible due to limited availability.

Where will I stay?
PublicisLive, service provider of logistics and key support services to the World Economic Forum, will arrange accommodation for participants who request hotel booking assistance on TopLink.

Please request hotel booking assistance when registering your delegation on TopLink.

Do I need a visa?
The World Economic Forum cannot assist with visa provision. Please check with the Vietnamese embassy or consulate nearest you for visa requirements. You can also find more visa information here.

Where do I find additional information about the programme?
When you register, you will receive access to TopLink, the Forum’s online collaboration and interaction platform, where you can find the programme and other details.

Who do I contact for more information?
Please send your enquiry to ASEAN@weforum.org.