

Media Coverage



Power to Transform Lives

Bioscience to Bioeconomy-USD 100 Bn By 2025
Led by Department of Biotechnology, Govt. of India

30+ Countries	275+ Exhibitors	3500+ Delegates	250 Startups
B2B, B2G, G2G Meetings	Media Interaction	Policy Dialogues	Bio-partnering
CEO Round Tables	Global Regulators Meet	Investors Roundtable	State Connect Round Table

India's first largest biotechnology conference Global Bio-India Summit, 2019 concludes

November 23, 2019



New Delhi: India's first largest biotechnology stakeholders conglomerate, – the Global Bio-India (GBI) Summit, 2019 concluded here today.

The three-day event was organized by the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC). The associated partners for this event were Confederation of Indian Industry (CII), Association of Biotechnology Led Enterprises (ABLE) and Invest India.

In her remarks at the Closing Ceremony, Dr. Renu Swarup, Secretary, Department of Biotechnology & Chairperson BIRAC, said, going by the tremendous success of the mega event, the Department plans to turn the GBI into an annual event with support from all stakeholders.

Biotechnology is recognized as the sunrise sector- a key driver for contributing to India's USD 5 Trillion economy target by 2025.

The Summit provided an opportunity to showcase the potential of India's biotech sector to the international community, identify, create opportunities and deliberate on the key challenges in the areas of Bio-pharma, Bio-Agri, Bio-Industrial, Bio-Energy and Bio-Services and allied sectors.



Global Bio-India 2019 concludes, DBT Sec plans to make Biotech Summit annual event

November 23, 2019

New Delhi: India's first biotechnology stakeholders conglomerate, the Global Bio-India Summit 2019 concluded in New Delhi today. In her remarks at the Closing Ceremony, Renu Swarup, Secretary, Department of Biotechnology & Chairperson BIRAC, said, going by the tremendous success of the mega event, the Department plans to turn the Summit into an annual event with support from all stakeholders.

Union Minister for Science and Technology, Earth Sciences, and Health and Family Welfare, Harsh Vardhan, who had inaugurated the Summit along with the Minister for Petroleum & Natural Gas and Steel, Dharmendra Pradhan, also released a report on the bright future of biologics and biosimilars on Day 2 of the Summit .

Before that, Vardhan had released a report on private investment in biotechnology. The report, among other things, highlighted the need for the Government to find out why there was inadequate private investment in biotech research.

Speaking at the inauguration, Vardhan had remarked that India has the potential to emerge as a world leader in Biotechnology, while Dharmendra Pradhan noted that India has the highest scope globally for growth of biofuels.

On Day 2 of the Summit, Commerce & Industry Minister Piyush Goyal called upon academia, industry and Government to come together, saying sustainability will be the fulcrum for innovation. Goyal also extended support to biotech sector startups and MSMEs.

The three-day Summit was organized by the Department of Biotechnology (DBT), Ministry of Science & Technology, and Government of India along with its Public Sector Undertaking, the Biotechnology Industry Research Assistance Council (BIRAC). The associated partners for this event were Confederation of Indian Industry (CII), Association of Biotechnology Led Enterprises (ABLE) and Invest India.

Biotechnology is recognized as the sunrise sector – a key driver for contributing to India's USD 5 Trillion economy target by 2025.

The Summit provided an opportunity to showcase the potential of India's biotech sector to the international community, identify, create opportunities and deliberate on key challenges in the areas of Bio-pharma, Bio-Agri, Bio-Industrial, Bio-Energy and Bio-Services and allied sectors.

Global Bio-India Summit concludes, provides opportunity to showcase potential of India's biotech sector



New Delhi, Nov 23 (PTI) India's first largest biotechnology stakeholders' congregation Global Bio-India (GBI) Summit-2019 concluded here on Saturday.

The summit provided an opportunity to showcase the potential of India's biotech sector to the international community, identify, create opportunities and deliberate on the key challenges in the areas of bio-pharma, bio-agri, bio-industrial, bio-energy and bio-services as well as allied sectors. a statement of the Science and Technology Ministry said.

The three-day event was organised by the ministry's Department of Biotechnology (DBT) along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC).

The associated partners for this event were the Confederation of Indian Industry (CII), the Association of Biotechnology Led Enterprises (ABLE) and the Invest India.

In her remarks at the closing ceremony, Renu Swarup, Secretary, Department of Biotechnology and Chairperson BIRAC, said going by the tremendous success of the event, the department plans to turn the GBI into an annual event with support from all stakeholders.

Biotechnology is recognised as the sunrise sector- a key driver for contributing to India's USD 5 Trillion economy target by 2025. PTI PR ANB ANB



3-day Global Bio-India Summit from today

Thursday, 21 November 2019 | PNS | New Delhi

A three-day mega event will kick off from Thursday here with an aim to showcase India's potential in bio-tech sector to the world as well as to chart out an actionable roadmap to catapult the industry on the global map.

Union Science and Technology Minister Dr Harsh Vardhan and Petroleum Minister Dharmendra Pradhan will inaugurate the Global Bio-India Summit, 2019 that will witness academia, innovators, researchers, start-ups, medium & large companies coming together on the same platform which will facilitate acceleration of the innovation ecosystem in the country.

Dr Renu Swarup, Secretary, Department of Biotechnology & Chairperson BIRAC, said, "Global Bio-India Summit is being organized for the first time in India. Biotechnology is recognized as the sunrise sector- a key driver for contributing to India's USD 5 Trillion economy target by 2025."

More than 25 countries besides 11 States from India are participating in the event which is being held at Aero City in association with Confederation of Indian Industry (CII), Association of Biotechnology Led Enterprises (ABLE) and Invest India. Various MoUs will be signed while there would be several interesting events such as "NanoBiotech-2019" and Nano for Agri-2019" which will cover most recent research and developments in their respective fields, said Dr Manish Diwan from BIRAC.

Global Bio-India Summit to begin in Delhi tomorrow



Briefing media this evening, Secretary of Department of Bio-Technology Dr Renu Swarup said, it will be one of the largest biotechnology stakeholders conglomerate to be held in India for the first time.

She said, it will bring academia, innovators, researchers, start-ups, medium and large companies together on the same platform.

Dr Swarup said, over three thousand delegates from around 25 countries and over 15 states of India will participate in the mega event.

She added that more than 200 exhibitors, 275 start-ups and more than 100 biotechnology incubators will participate in Global Bio-India.

Dr Swarup further said, biotechnology has been recognized as a sunrise sector and a key driver for contributing to India's five trillion dollar economy target by 2025.

Economic Times

BIRAC, IAN come together to launch biotech-focused angel funding network

The platform will facilitate the expansion of BIRAC's empowering policies, mentoring, and market access to biotech innovators across India and overseas.

ET Online|

Nov 23, 2019, 02.56 PM IST

NEW DELHI: Biotechnology Industry Research Assistance Council (BIRAC), in partnership with Indian Angel Network (IAN), has announced the launch of BioAngels Network, BioAngels, at the Global Bio India 2019.

Worth \$50 billion in 2018, the Indian bioeconomy currently comprises over 600 core biotech companies as well as 2700 startups, accounting for a 3% share in the global biotechnology industry.

In a statement, Digvijay Singh, COO, IAN said, "Through this institution, our aim is to provide a leg up to innovators who are dedicated to resolving pain points in the country's healthcare ecosystem. BioAngels will enable us to leverage the domain expertise of investors outside of IAN who are supporting biotech ventures across sub-verticals including medtech, agritech, water and sanitation, among others."

"Biotech startups are focused on creating a impact in India before they disrupt global markets. IAN would facilitate greater growth opportunities to biotech startups on the back of early-stage private capital," said Manish Diwan, Head, Strategic Partnership & Entrepreneurship Development, BIRAC, in a statement.



Global Bio-India Summit concludes, provides opportunity to showcase potential of India's biotech sector

PTI 23 November 2019

New Delhi, Nov 23 (PTI) India's first largest biotechnology stakeholders' congregation Global Bio-India (GBI) Summit-2019 concluded here on Saturday.

The summit provided an opportunity to showcase the potential of India's biotech sector to the international community, identify, create opportunities and deliberate on the key challenges in the areas of bio-pharma, bio-agri, bio-industrial, bio-energy and bio-services as well as allied sectors. a statement of the Science and Technology Ministry said.

The three-day event was organised by the ministry's Department of Biotechnology (DBT) along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC). The associated partners for this event were the Confederation of Indian Industry (CII), the Association of Biotechnology Led Enterprises (ABLE) and the Invest India.

In her remarks at the closing ceremony, Renu Swarup, Secretary, Department of Biotechnology and Chairperson BIRAC, said going by the tremendous success of the event, the department plans to turn the GBI into an annual event with support from all stakeholders.

Biotechnology is recognised as the sunrise sector- a key driver for contributing to India's USD 5 Trillion economy target by 2025. PTI PR ANB ANB



Global Bio-India Summit begins tomorrow, to focus on investments in biotech

November 20, 2019 **The ID Staff**

New Delhi: An international conference, Global Bio-India Summit, on the high growth of the biotechnology sector is all set to open in New Delhi tomorrow with an agenda to deliberate on the opportunities and key challenges in areas ranging from bio-manufacturing, clinical trials and drug discovery, to capacity-building and creation of global supply chains. The aim would be to put together a growth-oriented road-map for the sector.

The three-day event would, among other things, feature an investors meeting, an exhibition, webinars, hackathons, and business to business meetings. It will showcase key biotechnological innovations, products, services, and technologies from national and international companies, start-ups and research institutions.

The program is also designed to identify funding and collaboration opportunities for research and development, and explore licensing options for existing products with a view to attract major contract projects from international companies as well as global venture funding into India and facilitate interactions of research institutions with the industry.

The biotechnology sector is recognized as one of the key drivers for contributing to India's target to achieve an economy of USD 5 trillion by 2024. It is expected to grow exponentially over the next decade. Policy initiatives of Government of India such as Make in India programs are aimed to develop India as a world-class biotechnology and bio-manufacturing hub. India is among the top 12 destinations for biotechnology in the world, with approximately 3% share in the global biotechnology industry.

Indian biotechnology industry's economy was valued at \$51 billion during 2018-19. According to the World Bank's Doing Business Report 2018, India is now ranked first among South-Asian countries compared to 6th rank in 2014.

The conference is being organised by Department of Biotechnology (DBT) and its Biotechnology Industry Research Assistance Council, in partnership with Confederation of Indian Industry, Association of Biotechnology Led Enterprises (ABLE), a not-for-profit pan-India forum that represents the Indian Biotechnology Sector, and Invest India, which is the National Investment Promotion and Facilitation Agency of India and acts as the first point of reference for investors in India.

About 3,000 participants from 30 countries and belonging the various segments of the value chain of the sector are expected to attend the program.

Announcing the details DBT Secretary Dr Renu Swarup expressed confidence that the meet, which is being organised in India for the first time, bringing academia, innovators, researchers, start-ups, medium and large companies on the same platform, would help give a big boost to accelerate the

innovation ecosystem in the country. “Indian currently accounts for 3 per cent of the global biotechnology market. With the exponential manner in which it is progressing, the share could cross 10 per cent by 2024”, she said.

Global meet to focus on investments in biotech

Sunderarajan Padmanabhan New Delhi | Updated on November 20, 2019 Published on November 20, 2019

An international conference on the high growth sector of biotechnology sector is all set to open here tomorrow with an agenda to deliberate on the opportunities and key challenges in areas ranging from bio-manufacturing, clinical trials and drug discovery, to capacity-building and creation of global supply chains.

The aim would be to put together a growth-oriented road-map for the sector.

The three-day event would, among other things, feature an investors meeting, an exhibition, webinars, hackathons, and business-to-business meetings and showcase key bio-technological innovations, products, services, and technologies from national and international companies, start-ups and research institutions.

The programme is also designed to identify funding and collaboration opportunities for research and development, and explore licensing options for existing products with a view to attract major contract projects from international companies as well as global venture funding into India and facilitate interactions of research institutions with the industry.

Biotechnology sector is recognized as one of the key drivers for contributing to India's target to achieve an economy of \$ 5 trillion by 2024. It is expected to grow exponentially over the next decade. The Centre's policy initiatives such as Make in India programmes are aimed to develop

India as a world-class biotechnology and bio-manufacturing hub. India is among the top-12 destinations for biotechnology in the world, with approximately 3% share in the global Biotechnology industry.

Indian Biotechnology industry's economy was valued at \$51 billion during 2018-19.

According to World Bank's Doing Business Report 2014-18, India is now ranked first among South-Asian countries compared to 6th rank in 2014.

The conference is being organised by Department of Biotechnology and its Biotechnology Industry Research Assistance Council, in partnership with Confederation of Indian Industry, Association of Biotechnology Led Enterprises, a not-for-profit pan-India forum that represents the Indian Biotechnology Sector, and Invest India, which is the National Investment Promotion and Facilitation Agency of India and act as the first point of reference for investors in India.

About 3,000 participants from 30 countries and belonging the various segments of the value chain of the sector are expected to attend the programme.

Announcing the details DBT Secretary Dr. Renu Swarup, expressed confidence that the meet, which is being organised in India for the first time, bringing academia, innovators, researchers, start-ups, medium and large companies on the same platform, would help give a big boost to accelerate the innovation ecosystem in the country.

“Indian currently accounts for 3 per cent of the global biotechnology market. With the exponential manner in which it is progressing, the share could cross 10 per cent by 2014”, she said.

(India Science Wire)

Twitter handle: @ndpsr



Sci-Tech Min, Steel Min to inaugurate first 'Global Bio-India Summit' by DBT, GoI, BIRAC

November 20, 2019 **The ID Staff**

New Delhi: Union Minister for Science & Technology Harsh Vardhan, and Minister for Petroleum & Natural Gas and Steel Dharmendra Pradhan will inaugurate the Global Bio-India Summit 2019 in New Delhi on 21 November.

The three-day event has been organized by the Department of Biotechnology (DBT) and the Ministry of Science & Technology along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC). The associated partners for this event are Confederation of Indian Industry (CII), Association of Biotechnology Led Enterprises (ABLE) and Invest India.

Renu Swarup, Secretary, Department of Biotechnology & Chairperson BIRAC, said the Government has taken this initiative to hold one of the largest biotechnology stakeholders conglomerates in India for the first time.

“Global Bio-India is being organized for the first time in India and will bring academia, innovators, researchers, startups, and medium & large companies together on the same platform which will facilitate acceleration of the innovation ecosystem in the country,” said Swarup at a media briefing today.

Biotechnology is recognized as the sunrise sector – a key driver for contributing to India’s \$5 trillion economy target by 2025.

The Summit will provide an opportunity to showcase the potential of India’s biotech sector to the international community, identify, create opportunities and deliberate on the key challenges in the areas of Bio-pharma, Bio-Agri, Bio-Industrial, Bio-Energy and Bio-Services and allied sectors.

Salient components of Global Bio-India 2019 will include events such as CEO Roundtable, Global Regulators Meet, Investors Roundtable, Exhibitions and Pavilions including Country, Ministries, Departments, States, Startups, and others.

The event has been structured to bring together global biotechnology stakeholders, including national and international bodies, central and state ministries, regulatory bodies, SMEs, large industries, bio-clusters, research institutes, investors, incubators, start-ups and others.

Two international level side events, the ‘NanoBiotech-2019’ and ‘Nano for Agri 2019’ will be organised. These events will cover the most recent researches and developments in the fields of Nano Agriculture and Nanomedicine.

This 3-day event will help harness synergies, discussions, and brainstorming among stakeholders to identify an actionable roadmap to catapult India's biotech sector to the global map, said a release from the Centre.

It will also help in further aligning with the Government's vision and mandate to boost translational research, product development and commercialization, building new partnerships, long term collaborations and investment opportunities.



India has potential to emerge world leader in biotechnology: Vardhan

SME Times News Bureau | 21 Nov, 2019

Union Minister for Science & Technology Harsh Vardhan has said India has the potential to emerge as the world's top industry destination in biotechnology sector.

Addressing the Inaugural function of the 3-day Global Bio-India Summit, 2019 in New Delhi on Thursday, Harsh Vardhan said India has the expertise and the biotechnology sector has witnessed exponential growth in recent decades.

Government has encouraged the sector by setting up hundreds of Biotechnology Parks and Incubators while thousands of Start-ups have been supported by the Government, he added.

Harsh Vardhan said the Prime Minister has set a target of making India the top country in Science & Technology by 2030.

As compared to 5% growth in scientific publications worldwide, India has notched a growth of 14% in this sphere, he said.

"We have developed a number of vaccines and the rotavirus vaccine is now a part of the National Immunization programme, besides our laboratories have also produced vaccines against dengue and malaria. We are No.3 in Nanotechnology and our Tsunami Early Warning System has been ranked No.1 in the world", he added.

Vardhan said India plays a pioneering role in the UN sponsored Mission Innovation (MI) programme and is the leading country in three MI challenges on Smart Grids, Off-Grid Access to Electricity and Sustainable Biofuels.

He said we are a "Changed India" today, and as Shri Narendra Modi has aimed, we will make a "New India" by 2022 and finally we aim to be the world leader, "Vishwa Guru".

Vardhan said Biotechnology serves mankind helping in to move towards a biotechnology-led economy, transforming as many lives as possible, creating opportunities and promising development for all.

He encouraged young innovators and entrepreneurs in the Biotech sector to come forward for the development of the country.

"Government of India will support and assist their ideas to make it a reality. He said, as

per the vision of former Prime Minister Atal Bihari Vajpayee, the wave of Information Technology 20 years ago is India Today and Biotechnology is the India tomorrow”, he said.

Speaking on the occasion, the Minister for Petroleum & Natural Gas and Steel, Shri Dharmendra Pradhan said the Government has set a target to achieve 20% ethanol blending of automotive fuels. “When we took charge ethanol blending was less than 1%, today it has increased to 6% and further we have targetted to achieve 20% ethanol blending”, he said.

Pradhan said we are committed to work towards greater decarbonisation and make India a gas based economy. Bio-energy will play an important role in this, he said.

“Through innovations developed by our bio-energy scientists we are now working on utilising waste biomass by converting it into Biofuels. With 600MT of biomass, which can be used as raw material, India remains the only country with highest scope for growth of Biofuels”, he added.

“In future ethanol will be produced from raw materials like, excess food grains, to help transform our 'Annadatas' to 'Urjadas'. With 600MT of biomass, which can be used as raw material, India remains the only country with highest scope for growth of Biofuels”, said Pradhan.

Harsh Vardhan and Dharmendra Pradhan later inaugurated the Global Bio-India Exhibition.

India has potential to emerge world leader in Biotechnology, says Dr. Harsh Vardhan



New Delhi: Union Minister for Science & Technology, Earth Sciences and Health & Family Welfare, Dr. Harsh Vardhan has said India has the potential to emerge as the world's top industry destination in biotechnology sector. Addressing the Inaugural function of the 3-day Global Bio-India Summit, 2019 here today, Dr. Harsh Vardhan said India has the expertise and the biotechnology sector has witnessed exponential growth in recent decades. Government has encouraged the sector by setting up hundreds of Biotechnology Parks and Incubators while thousands of Start-ups have been supported by the Government, he added.

Dr. Harsh Vardhan said the Prime Minister has set a target of making India the top country in Science & Technology by 2030. As compared to 5% growth in scientific publications worldwide, India has notched a growth of 14% in this sphere, he said. "We have developed a number of vaccines and the rotavirus vaccine is now a part of the National Immunization programme, besides our laboratories have also produced vaccines against dengue and malaria. We are No.3 in Nanotechnology and our Tsunami Early Warning System has been ranked No.1 in the world", he added.

Dr. Harsh Vardhan said India plays a pioneering role in the UN sponsored Mission Innovation (MI) programme and is the leading country in three MI challenges on Smart Grids, Off-Grid Access to Electricity and Sustainable Biofuels. He said we are a “Changed India” today, and as Shri Narendra Modi has aimed, we will make a “New India” by 2022 and finally we aim to be the world leader, “Vishwa Guru”.

Dr Harsh Vardhan said Biotechnology serves mankind helping in to move towards a biotechnology-led economy, transforming as many lives as possible, creating opportunities and promising development for all. He encouraged young innovators and entrepreneurs in the Biotech sector to come forward for the development of the country. “Government of India will support and assist their ideas to make it a reality. He said, as per the vision of former Prime Minister Atal Bihari Vajpayee, the wave of Information Technology 20 years ago is India Today and Biotechnology is the India tomorrow”, he said.

Speaking on the occasion, the Minister for Petroleum & Natural Gas and Steel, Shri Dharmendra Pradhan said the Government has set a target to achieve 20% ethanol blending of automotive fuels. “When we took charge ethanol blending was less than 1%, today it has increased to 6% and further we have targettedto achieve 20% ethanol blending”, he said.

Shri Pradhan said we are committed to work towards greater decarbonisation and make India a gas based economy. Bio-energy will play an important role in this, he said. “Through innovations developed by our bio-energy scientists we are now working on utilising waste biomass by converting it into Biofuels. With 600MT of biomass, which can be used as raw material, India remains the only country with highest scope for growth of Biofuels”, he added.

“In future ethanol will be produced from raw materials like, excess food grains, to help transform our ‘Annadatas’ to ‘Urjadas.’With 600MT of biomass, which can be used as raw material, India remains the only country with highest scope for growth of Biofuels”, said Shri Pradhan.

Shri Pradhan said the Petroleum& Natural Gas Ministry has instituted a ₹300 croreStart-Up Fund. “I have advised my colleagues to have biofuels as a key focus area and provide stimulus to the industry by giving handholding support and offtake guarantee to new & emerging entrepreneurs in the Biofuel sector”, he said.

In his address, Member, NITI Aayog, Dr. Vinod K. Paul said the Government and the private sector are working in unison to make Primary Healthcare success in the country. “The aspirations of the people of India have risen and from Primary Healthcare, we are now extending our reach to Secondary and Tertiary Healthcare”, he said.

Secretary, Department of Biotechnology, Dr. RenuSwarn said the 3-day Biotechnology Summit will discuss roadmap to achieve \$100 billion bioeconomy target. “We have scaled \$51 billion already and the sector is growing at 14.7%. So the \$100b target seems very modest”, she said.

Dr. Harsh Vardhan and Shri Dharmendra Pradhan later inaugurated the Global Bio-India Exhibition.

Global Bio-India is one of the largest biotechnology stakeholders conglomerate being held in India for the first time. It has brought academia, innovators, researchers, start-ups, medium and large companies together on the same platform. Over 3,000 delegates from around 25 countries and over 15 states of India are participating in the mega event. More than 200 exhibitors, 275 Start-Ups and more than 100 Bio-Technology Incubators are participating in it.

Biotechnology is recognized as the sunrise sector- a key driver for contributing to India's USD 5 Trillion economy target by 2025.



India has potential to emerge world leader in Biotechnology: Dr. Harsh Vardhan

DHARMENDRA PRADHAN SAYS GOVTAIMS TO ACHIEVE 20% ETHANOL BLENDING OF AUTOFUELS



New Delhi , 21 Nov 2019

Union Minister for Science & Technology, Earth Sciences and Health & Family Welfare, Dr. Harsh Vardhan has said India has the potential to emerge as the world's top industry destination in biotechnology sector. Addressing the Inaugural function of the 3-day Global Bio-India Summit, 2019 here today, Dr. Harsh Vardhan said India has the expertise and the biotechnology sector has witnessed exponential growth in recent decades. Government has encouraged the sector by setting up hundreds of Biotechnology Parks and Incubators while thousands of Start-ups have been supported by the Government, he added. Dr. Harsh Vardhan said the Prime Minister has set a target of making India the top country in Science & Technology by 2030. As

compared to 5% growth in scientific publications worldwide, India has notched a growth of 14% in this sphere, he said. “We have developed a number of vaccines and the rotavirus vaccine is now a part of the National Immunization programme, besides our laboratories have also produced vaccines against dengue and malaria. We are No.3 in Nanotechnology and our Tsunami Early Warning System has been ranked No.1 in the world”, he added. Dr. Harsh Vardhan said India plays a pioneering role in the UN sponsored Mission Innovation (MI) programme and is the leading country in three MI challenges on Smart Grids, Off-Grid Access to Electricity and Sustainable Biofuels. He said we are a “Changed India” today, and as Shri Narendra Modi has aimed, we will make a “New India” by 2022 and finally we aim to be the world leader, “Vishwa Guru”.

Dr Harsh Vardhan said Biotechnology serves mankind helping in to move towards a biotechnology-led economy, transforming as many lives as possible, creating opportunities and promising development for all. He encouraged young innovators and entrepreneurs in the Biotech sector to come forward for the development of the country. “Government of India will support and assist their ideas to make it a reality. He said, as per the vision of former Prime Minister Atal Bihari Vajpayee, the wave of Information Technology 20 years ago is India Today and Biotechnology is the India tomorrow”, he said. Speaking on the occasion, the Minister for Petroleum & Natural Gas and Steel, Shri Dharmendra Pradhan said the Government has set a target to achieve 20% ethanol blending of automotive fuels. “When we took charge ethanol blending was less than 1%, today it has increased to 6% and further we have targetted to achieve 20% ethanol blending”, he said. Shri Pradhan said we are committed to work towards greater decarbonisation and make India a gas based economy. Bio-energy will play an important role in this, he said. “Through innovations developed by our bio-energy scientists we are now working on utilising waste biomass by converting it into Biofuels. With 600MT of biomass, which can be used as raw material, India remains the only country with highest scope for growth of Biofuels”, he added. “In future ethanol will be produced from raw materials like, excess food grains, to help transform our 'Annadatas' to 'Urjadatas.' With 600MT of biomass, which can be used as raw material, India remains the only country with highest scope for growth of Biofuels”, said Shri Pradhan.

Shri Pradhan said the Petroleum & Natural Gas Ministry has instituted a ₹300 crore Start-Up Fund. “I have advised my colleagues to have biofuels as a key focus area and provide stimulus to the industry by giving handholding support and offtake guarantee to new & emerging entrepreneurs in the Biofuel sector”, he said. In his address, Member, NITI Aayog, Dr. Vinod K. Paul said the Government and the private sector are working in unison to make Primary Healthcare success in the country. “The aspirations of the people of India have risen and from Primary Healthcare, we are now extending our reach to Secondary and Tertiary Healthcare”, he said. Secretary, Department of Biotechnology, Dr. Renu Swarup said the 3-day Biotechnology Summit will discuss roadmap to achieve \$100 billion bioeconomy target. “We have scaled \$51 billion already and the sector is growing at 14.7%. So the \$100b target seems very modest”, she said. Dr. Harsh Vardhan and Shri Dharmendra Pradhan later inaugurated the Global Bio-India Exhibition. Global Bio-India is one of the largest biotechnology stakeholders conglomerate being held in India for the first time. It has brought academia, innovators, researchers, start-ups, medium and large companies together on the same platform. Over 3,000 delegates from around 25 countries and over 15 states of India are participating in the mega event. More than 200 exhibitors, 275 Start-Ups and more than 100 Bio-Technology Incubators are participating in

it. Biotechnology is recognized as the sunrise sector- a key driver for contributing to India's USD 5 Trillion economy target by 2025.

India to be a world leader in biotechnology

21 November 2019 | News

Dr Harsh Vardhan inaugurates Global Bio-India Summit 2019



Image Credit: Twitter

Union Minister for Science & Technology, Earth Sciences and Health & Family Welfare, Dr. Harsh Vardhan has said India has the potential to emerge as the world's top industry destination in biotechnology sector. Addressing the Inaugural function of the 3-day Global Bio-India Summit, 2019 in New Delhi, Dr. Harsh Vardhan said India has the expertise and the biotechnology sector has witnessed exponential growth in recent decades. Government has encouraged the sector by setting up hundreds of Biotechnology Parks and Incubators while thousands of Start-ups have been supported by the Government, he added.

Dr. Harsh Vardhan said the Prime Minister has set a target of making India the top country in Science & Technology by 2030. As compared to 5% growth in scientific publications worldwide, India has notched a growth of 14% in this sphere, he said. “We have developed a number of vaccines and the rotavirus vaccine is now a part of the National Immunization programme, besides our laboratories have also produced vaccines against dengue and malaria. We are No.3 in Nanotechnology and our Tsunami Early Warning System has been ranked No.1 in the world”, he added.

Dr. Harsh Vardhan said India plays a pioneering role in the UN sponsored Mission Innovation (MI) programme and is the leading country in three MI challenges on Smart Grids, Off-Grid Access to Electricity and Sustainable Biofuels. He said we are a “Changed India” today, and as Shri Narendra Modi has aimed, we will make a “New India” by 2022 and finally we aim to be the world leader, “Vishwa Guru”.

Dr Harsh Vardhan said Biotechnology serves mankind helping in to move towards a biotechnology-led economy, transforming as many lives as possible, creating opportunities and promising development for all. He encouraged young innovators and entrepreneurs in the Biotech sector to come forward for the development of the country. “Government of India will support and assist their ideas to make it a reality. He said, as per the vision of former Prime Minister Atal Bihari Vajpayee, the wave of Information Technology 20 years ago is India Today and Biotechnology is the India tomorrow”, he said.

Speaking on the occasion, the Minister for Petroleum & Natural Gas and Steel, Dharmendra Pradhan said the Government has set a target to achieve 20% ethanol blending of automotive fuels. “When we took charge ethanol blending was less than 1%, today it has increased to 6% and further we have targetted to achieve 20% ethanol blending”, he said.

Pradhan said we are committed to work towards greater decarbonisation and make India a gas based economy. Bio-energy will play an important role in this, he said. “Through innovations developed by our bio-energy scientists we are now working on utilising waste biomass by converting it into Biofuels. With 600MT of biomass, which can be used as raw material, India remains the only country with highest scope for growth of Biofuels”, he added.

“In future ethanol will be produced from raw materials like, excess food grains, to help transform our 'Annadas' to 'Urjadas.'With 600MT of biomass, which can be used as raw material, India remains the only country with highest scope for growth of Biofuels”, said Pradhan.

Pradhan said the Petroleum& Natural Gas Ministry has instituted a Rs 300 crore Start-Up Fund. “I have advised my colleagues to have biofuels as a key focus area and provide stimulus to the industry by giving handholding support and offtake guarantee to new & emerging entrepreneurs in the Biofuel sector”, he said.

In his address, Member, NITI Aayog, Dr. Vinod K. Paul said the Government and the private sector are working in unison to make Primary Healthcare success in the country. “The aspirations of the people of India have risen and from Primary Healthcare, we are now extending our reach to Secondary and Tertiary Healthcare”, he said.

Secretary, Department of Biotechnology, Dr. Renu Swarup said the 3-day Biotechnology Summit will discuss roadmap to achieve \$100 billion bioeconomy target. “We have scaled \$51

billion already and the sector is growing at 14.7%. So the \$100b target seems very modest”, she said.

Dr. Harsh Vardhan and Dharmendra Pradhan later inaugurated the Global Bio-India Exhibition.

Global Bio-India is one of the largest biotechnology stakeholders conglomerate being held in India for the first time. It has brought academia, innovators, researchers, start-ups, medium and large companies together on the same platform. Over 3,000 delegates from around 25 countries and over 15 states of India are participating in the mega event. More than 200 exhibitors, 275 Start-Ups and more than 100 Bio-Technology Incubators are participating in it.

Biotechnology is recognized as the sunrise sector- a key driver for contributing to India’s USD 5 Trillion economy target by 2025.



Sci-Tech Min at Global Bio-India 2019: India has potential to emerge world leader in Biotechnology

November 21, 2019 [The ID Staff](#)

New Delhi: Union Minister for Science & Technology, Harsh Vardhan, has said India has the potential to emerge as the world's top industry destination in biotechnology sector.

Addressing the inaugural function of the 3-day Global Bio-India Summit 2019 in New Delhi today, Vardhan said India has the expertise and the biotechnology sector has witnessed exponential growth in recent decades. Harsh Vardhan and the Minister for Petroleum & Natural Gas and Steel Dharmendra Pradhan inaugurated the Summit today, as reported earlier by *Indus Dictum*.

Government has encouraged the sector by setting up hundreds of Biotechnology Parks and Incubators while supporting thousands of startups, he added.

Vardhan said Prime Minister Narendra Modi has set a target of making India the top country in Science & Technology by 2030. As compared to 5% growth in scientific publications worldwide, India has notched a growth of 14% in this sphere, he said.

“We have developed a number of vaccines and the rotavirus vaccine is now a part of the National Immunization programme, besides our laboratories have also produced vaccines against dengue and malaria. We are No.3 in Nanotechnology and our Tsunami Early Warning System has been ranked No.1 in the world,” added Vardhan.

The Minister said India plays a pioneering role in the UN sponsored Mission Innovation (MI) programme and is the leading country in three MI challenges on Smart Grids, Off-Grid Access to Electricity and Sustainable Biofuels.

He said we are a “Changed India” today, and as Modi has aimed, we will make a “New India” by 2022 and finally we aim to be the world leader, “*Vishwa Guru*.”

Vardhan said biotechnology serves mankind in helping to move towards a biotechnology-led economy, transforming as many lives as possible, creating opportunities and promising development for all.

He encouraged young innovators and entrepreneurs in the Biotech sector to come forward for the development of the country.

“Government of India will support and assist their ideas to make it a reality. As per the vision of former Prime Minister Atal Bihari Vajpayee, the wave of Information Technology 20 years ago is India today. and Biotechnology is the India tomorrow,” Vardhan said.

Secretary of the Department of Biotechnology, Renu Swarup, said the 3-day Biotechnology Summit will discuss the roadmap to achieve \$100 billion bioeconomy target.

“We have scaled \$51 billion already and the sector is growing at 14.7%. So the \$100b target seems very modest,” Swarup said.

Harsh Vardhan and the Minister for Petroleum & Natural Gas and Steel Dharmendra Pradhan later inaugurated the Global Bio-India Exhibition.

Global Bio-India is one of the largest biotechnology stakeholders conglomerate being held in India for the first time. It has brought academia, innovators, researchers, startups, medium and large companies together on the same platform.

Over 3,000 delegates from around 25 countries and over 15 states of India are participating in the event. Over 200 exhibitors, 275 startups and more than 100 Biotechnology Incubators are participating.

Biotechnology is recognized as the sunrise sector- a key driver for contributing to India’s \$5 trillion economy target by 2025.

Biotechnology serves mankind helping to move towards economy: Dr. Harsh Vardhan

Government has encouraged the sector by setting up hundreds of Biotechnology Parks and Incubators while thousands of Start-ups have been supported by the Government, he added.

Union Minister for Science & Technology, Earth Sciences and Health & Family Welfare, Dr. Harsh Vardhan has said India has the potential to emerge as the world's top industry destination in the biotechnology sector. Addressing the Inaugural function of the 3-day Global Bio-India Summit, 2019 here today, Dr. Harsh Vardhan said India has the expertise and the biotechnology sector has witnessed exponential growth in recent decades. Government has encouraged the sector by setting up hundreds of Biotechnology Parks and Incubators while thousands of Start-ups have been supported by the Government, he added.

Dr. Harsh Vardhan said the Prime Minister has set a target of making India the top country in Science & Technology by 2030. As compared to 5% growth in scientific publications worldwide, India has notched growth of 14% in this sphere, he said. "We have developed a number of vaccines and the rotavirus vaccine is now a part of the National Immunization programme, besides our laboratories have also produced vaccines against dengue and malaria. We are No.3 in Nanotechnology and our Tsunami Early Warning System has been ranked No.1 in the world", he added.

Dr. Harsh Vardhan said India plays a pioneering role in the UN-sponsored Mission Innovation (MI) programme and is the leading country in three MI challenges on Smart Grids, Off-Grid Access to Electricity and Sustainable Biofuels. He said we are a "Changed India" today, and as Shri Narendra Modi has aimed, we will make a "New India" by 2022 and finally we aim to be the world leader, "Vishwa Guru".

Dr. Harsh Vardhan said Biotechnology serves mankind helping to move towards a biotechnology-led economy, transforming as many lives as possible, creating opportunities and promising development for all. He encouraged young innovators and entrepreneurs in the Biotech sector to come forward for the development of the country. "Government of India will support and assist their ideas to make it a reality. He said, as per the vision of former Prime Minister Atal Bihari Vajpayee, the wave of Information Technology 20 years ago is India Today and Biotechnology is India tomorrow", he said.

Speaking on the occasion, the Minister for Petroleum & Natural Gas and Steel, Shri Dharmendra Pradhan said the Government has set a target to achieve 20% ethanol blending of automotive fuels. "When we took charge ethanol blending was less than 1%, today it has increased to 6% and further we have targeted to achieve 20% ethanol blending", he said.

Shri Pradhan said we are committed to work towards greater decarbonization and make India a gas-based economy. Bio-energy will play an important role in this, he said. "Through innovations developed by our bio-energy scientists, we are now working on utilizing waste biomass by converting it into Biofuels. With 600MT of biomass, which can be used as raw material, India remains the only country with the highest scope for growth of Biofuels", he added.

"In future ethanol will be produced from raw materials like excess food grains, to help transform our 'Annadatas' to 'Urjadatas.' With 600MT of biomass, which can be used as raw material, India remains the only country with the highest scope for growth of Biofuels", said Shri Pradhan.

Shri Pradhan said the Petroleum & Natural Gas Ministry has instituted a ₹300 crore, Start-Up Fund. "I have advised my colleagues to have biofuels as a key focus area and provide stimulus to the industry by giving handholding support and offtake guarantee to new & emerging entrepreneurs in the Biofuel sector", he said.

In his address, Member, NITI Aayog, Dr. Vinod K. Paul said the Government and the private sector are working in unison to make Primary Healthcare success in the country. "The aspirations of the people of India have risen and from Primary Healthcare, we are now extending our reach to Secondary and Tertiary Healthcare", he said.

Secretary, Department of Biotechnology, Dr. Renu Swarup said the 3-day Biotechnology Summit will discuss the roadmap to achieve a \$100 billion bio-economy target. "We have scaled \$51 billion already and the sector is growing at 14.7%. So the \$100b target seems very modest", she said.

Dr. Harsh Vardhan and Shri Dharmendra Pradhan later inaugurated the Global Bio-India Exhibition.

Global Bio-India is one of the largest biotechnology stakeholders conglomerate being held in India for the first time. It has brought academia, innovators, researchers, start-ups, medium and large companies together on the same platform. Over 3,000 delegates from around 25 countries and over 15 states of India are participating in the mega event. More than 200 exhibitors, 275 Start-Ups and more than 100 Bio-Technology Incubators are participating in it.

Biotechnology is recognized as the sunrise sector- a key driver for contributing to India's USD 5 Trillion economy target by 2025.



Petrol Min at Global Bio-India 2019: India has highest scope globally for growth of biofuels

November 21, 2019 [The ID Staff](#)

New Delhi: Speaking at the inaugural function of the 3-day [Global Bio-India Summit 2019](#) in New Delhi today, the Minister for Petroleum & Natural Gas and Steel, Dharmendra Pradhan, said the Government has set a target to achieve 20% ethanol blending of automotive fuels. Dharmendra Pradhan and the Union Minister for Science & Technology, Harsh Vardhan, inaugurated the Summit today, as [reported earlier](#) by *Indus Dictum*.

“When we took charge ethanol blending was less than 1%. Today it has increased to 6% and further we have targeted to achieve 20% ethanol blending,” said Pradhan.

Pradhan said we are committed to work towards greater decarbonisation and making India a gas based economy. Bio-energy will play an important role in this, he explained.

“Through innovations developed by our bio-energy scientists we are now working on utilising waste biomass by converting it into Biofuels. With 600 MT (Metric Tonnes) of biomass, which can be used as raw material, India remains the country with the highest scope for growth of Biofuels,” he added.

We are committed to work towards greater decarbonisation and make India a gas based economy. Bio-energy will play an important role in this.

With 600MT of biomass, which can be used as raw material, India remains

the only country with the highest scope for growth of biofuels. pic.twitter.com/J7UHcEUwWs

— Dharmendra Pradhan (@dpradhanbjp) November 21, 2019

“In the future ethanol will be produced from raw materials like excess food grains to help transform our *Annadatas* to *Urjadatas*,” said Pradhan.

Pradhan said the Petroleum & Natural Gas Ministry has instituted a Rs 300 crore Startup Fund.

“I have advised my colleagues to keep biofuels as a key focus area and provide stimulus to the industry by giving hand-holding support and offtake guarantee to new and emerging entrepreneurs in the Biofuel sector,” Pradhan said.

There is, however, a strong argument against using ethanol and biofuels in automobiles and the auto sector, as presented by Anil Rajvanshi in a Feature on *Indus Dictum*.

In his address, Member of NITI Aayog Vinod K. Paul said the Government and the private sector are working in unison to make Primary Healthcare a success in the country.

“The aspirations of the people of India have risen and from Primary Healthcare, we are now extending our reach to Secondary and Tertiary Healthcare,” Paul said.

Dharmendra Pradha and the Union Minister for Science & Technology Harsh Vardhan later inaugurated the Global Bio-India Exhibition. Vardhan had said at the Summit that India has the potential to emerge a world leader in Biotechnology.

Global Bio-India is one of the largest biotechnology stakeholders conglomerate being held in India for the first time. It has brought academia, innovators, researchers, startups, medium and large companies together on the same platform.

Over 3,000 delegates from around 25 countries and over 15 states of India are participating in the event. Over 200 exhibitors, 275 startups and more than 100 Biotechnology Incubators are participating.

Biotechnology is recognized as the sunrise sector- a key driver for contributing to India’s \$5 trillion economy target by 2025.

INDUS DICTUM



Business Policy Science

Global Bio-India 2019: Commerce Min extends support to biotech sector startups

November 23, 2019 **The ID Staff**

New Delhi: The Union Minister of Railways and Minister of Commerce & Industry, Piyush Goyal yesterday said the Government has simplified the Patents regime for startups and MSMEs to encourage innovation. He assured that the Ministry of Commerce & Industry will extend all support to new and emerging enterprises in the Biotechnology sector.

Goyal was addressing the gathering after giving away Awards at the Global Bio-India Summit 2019 in New Delhi today. Goyal said biotechnology is a key sector to fulfill India's aspirations. "The Prime Minister's vision of New India is intertwined with the Department of Biotechnology's enterprising endeavours," said Goyal. "The aspirations of 1.3 billion Indians rest on our success to adopt technology and innovations that lead to transformations," he added.

Goyal said India was the first country in the world to have a separate Department of Biotechnology. "Outside the US, the largest number of FDA approved drugs, 523 in numbers, come from India," said the Minister.

“From the present nearly Rs 3.5 lakh crore worth of biotechnology industry in India, the Department of Biotechnology (DBT) aims to top Rs 7 lakh crore output by 2025, and analysts say this could even touch Rs.11 or 12 lakh crores,” he predicted.

Calling upon academia, industry and Government to come together, Goyal said sustainability will be the fulcrum for innovation. Goyal also released various reports and launched a web portal for biotechnology startups.

Member, NITI Aayog, Vinod K. Paul and Secretary, DBT, Renu Swarup also addressed the gathering.

Speaking at the Global Bio-India 2019 Summit, in New Delhi <https://t.co/VLQBT5J55b>

— Piyush Goyal (@PiyushGoyal) [November 22, 2019](#)

Union Minister for Science and Technology, Earth Sciences, and Health and Family Welfare, Harsh Vardhan, who had inaugurated the Summit along with the Minister for Petroleum & Natural Gas and Steel, Dharmendra Pradhan, also released a report on the bright future of biologics and biosimilars at the Summit yesterday.

Before that, Vardhan had released a report on private investment in biotechnology. The report, among other things, highlighted the need for the Government to find out why there was inadequate private investment in biotech research.

Speaking at the inauguration, Vardhan had remarked that India has the potential to emerge as a world leader in Biotechnology, while Dharmendra Pradhan noted that India has the highest scope globally for growth of biofuels.



India's first largest biotechnology conference Global Bio-India Summit, 2019 concludes

SECRETARY, DBT DR. RENU SWARUP SAYS GBI TO BE TURNED INTO AN ANNUAL EVENT



New Delhi , 23 Nov 2019

India's first largest biotechnology stakeholders conglomerate, - the Global Bio-India (GBI) Summit, 2019 concluded here today. The three-day event was organized by the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC). The associated partners for this event were Confederation of Indian Industry (CII), Association of Biotechnology Led Enterprises (ABLE) and Invest India. In her remarks at the Closing Ceremony, Dr. Renu Swarup, Secretary, Department of Biotechnology & Chairperson BIRAC, said, going by the tremendous success of the mega event, the Department plans to turn the GBI into an annual event with support from all stakeholders. Biotechnology is recognized as the sunrise sector- a key driver for contributing to India's USD 5 Trillion economy target by 2025. The Summit provided an opportunity to showcase the potential of India's biotech sector to the international community, identify, create opportunities and deliberate on the key challenges

in the areas of Bio-pharma, Bio-Agri, Bio-Industrial, Bio-Energy and Bio-Services and allied sectors.

Global Bio-India 2019: डॉ. हर्षवर्धन ने कहा-

बायोटेक्नोलोजी में दुनिया में अक्वल बन सकता है भारत

केंद्रीय विज्ञान एवं प्रौद्योगिकी व स्वास्थ्य एवं परिवार कल्याण मंत्री डॉ. हर्षवर्धन ने गुरुवार को कहा कि भारत बायोटेक्नोलोजी के क्षेत्र में दुनिया में अक्वल बन सकता है।



नई दिल्ली। केंद्रीय विज्ञान एवं प्रौद्योगिकी व स्वास्थ्य एवं परिवार कल्याण मंत्री डॉ. हर्षवर्धन ने गुरुवार को कहा कि भारत बायोटेक्नोलोजी के क्षेत्र में दुनिया में अक्वल बन सकता है। डॉ. हर्षवर्धन यहां बायोटेक्नोलोजी पर आयोजित तीन दिवसीय वैश्विक सम्मेलन के उद्घाटन समारोह में बोल रहे थे।

उन्होंने कहा, "भारत में बायोटेक्नोलोजी के क्षेत्र में दुनिया में शीर्ष स्थान पर उभरकर आने की क्षमता है। भारत में विशेषज्ञता है और हाल के दशकों में भारत में बायोटेक्नोलोजी के क्षेत्र में

तेजी से विकास हुआ है।" उन्होंने कहा कि सरकार ने सैकड़ों बायोटेक्नोलोजी पार्क और इन्क्यूबेटर्स की स्थापना करके इस क्षेत्र को प्रोत्साहन प्रदान किया है। साथ ही सरकार ने हजारों स्टार्टअप को सहायता प्रदान की है।

[डॉ. हर्षवर्धन](#) ने कहा कि प्रधानमंत्री (नरेंद्र मोदी) ने 2030 तक विज्ञान और प्रौद्योगिकी के क्षेत्र में दुनिया में भारत को शीर्ष स्थान पर लाने का लक्ष्य रखा है। उन्होंने कहा कि दुनियाभर में विज्ञान के प्रकाशनों में भारत में पांच फीसदी की वृद्धि हुई है और इस क्षेत्र में भारत में भारत ने 14 फीसदी की वृद्धि हासिल की है।

डॉ. हर्षवर्धन और पेट्रोलियम, प्राकृतिक गैस व इस्पात मंत्री धर्मेंद्र प्रधान ने इस तीन दिवसीय सम्मेलन 'ग्लोबल बायो-इंडिया समिट 2019' के उद्घाटन समारोह को संबोधित किया।

[धर्मेंद्र प्रधान](#) ने इस मौके पर कहा कि सरकार ने ऑटोमोटिव ईंधन में 20 फीसदी एथनॉल का मिश्रण करने का लक्ष्य रखा है। उन्होंने कहा, "जब हमने कार्यभार संभाला था तब एथनॉल मिश्रण एक फीसदी से भी कम था जो आज छह फीसदी हो गया है और आगे हमने 20 फीसदी करने का लक्ष्य रखा है।"

इस सम्मेलन में 30 देशों के करीब 3,000 प्रतिभागी हिस्सा ले रहे हैं। इस सम्मेलन में देश-विदेश से आए विशेषज्ञों, शोधकर्ताओं व नवोन्मेषकों के साथ-साथ स्टार्टअप और इस क्षेत्र से जुड़ी छोटी-बड़ी कंपनियों को बायो-मैनुफैक्चरिंग, क्लीनिकल ट्रायल और दवाइयों की खोज के क्षेत्र की संभावनाओं और चुनौतियों पर मंथन करने का अवसर मिलेगा।

सम्मेलन का आयोजन केंद्रीय विज्ञान और प्रौद्योगिकी मंत्रालय के जैव प्रौद्योगिकी विभाग और इसकी जैव प्रौद्योगिकी उद्योग अनुसंधान सहायता परिषद द्वारा कान्फेडरेशन ऑफ इंडियन इंडस्ट्री (सीआईआई) के सहयोग से किया जा रहा है।

Sustainability will be the fulcrum for innovation-Piyush Goyal



Image credit- pib.com

The Union Minister of Railways and Minister of Commerce & Industry, Piyush Goyal has said the Government has simplified the Patents regime for Start-ups, MSMEs among others to encourage innovation.

He assured the Department of Industrial will extend all support to new and emerging enterprises in Biotechnology sector. Goyal was addressing the gathering after giving away Awards at the Global Bio-India Summit, 2019 on 22 November in New Delhi.

Goyal said biotechnology is a key sector to fulfill India's aspirations. "The Prime Minister's Vision of New India is intertwined to DBT's enterprising endeavours", he said. "The aspirations of 1.3 billion Indians rests on our success to adopt technology, - innovations that lead to transformations", he added.

Goyal said India was the first country in thw world to have a separate Department of Bio-Technology. "Outside the US, the largest number of FDA approved drugs, 523 in numbers, come from India", he said. "From the present nearly Rupees 3.5 lakh crore worth of BT industry in India, the DBT aims to top Rs.7 lakh crore output by 2025 and analysts say this could even touch Rs.11/12 lakh crores", he added.

Calling upon academia, industry and government to come together, Goyal said sustainability will be the fulcrum for innovation.

Goyal gave away GBI awards and also released various reports besides launching a web portal for BT Start-ups.

Dr. Harsh Vardhan: 'India Has Potential To Emerge World Leader In Biotechnology'

The Union Minister for Science & Technology said that India has the potential to emerge as the world's top industry destination in the biotechnology sector

Written By [Nisha Qureshi](#) | Mumbai | Updated On: November 22, 2019 07:20 IST



While addressing the Inaugural function of the 3-day Global Bio-India Summit, 2019, Union Minister for Science & Technology and Health and Family said India has the potential to emerge as the world's top industry destination in the biotechnology sector. He said the Prime Minister has set a target of making India the top country in Science & Technology by 2030 and said that the government has witnessed exponential growth in the sector.

'We are No.3 in Nanotechnology and our Tsunami Early Warning System has been ranked No.1'. "We have developed a number of vaccines and the rotavirus vaccine is now a part of the National Immunisation programme, besides our laboratories have also produced vaccines against dengue and malaria. We are No.3 in Nanotechnology and our Tsunami Early Warning System has been ranked No. 1 in the world", he said.

The Union Minister said that India plays a huge role in the UN-sponsored Mission Innovation (MI) programme. He said that Biotechnology serves mankind helping it to move towards a biotechnology-led economy, transforming as many lives as possible, creating opportunities and promising development for all.

"Government of India will support and assist their ideas to make it a reality. He said, as per the vision of former Prime Minister Atal Bihari Vajpayee, the wave of Information Technology 20 years ago is India Today and Biotechnology is the India tomorrow", he said.

India sets a target to achieve 20% ethanol blending

The Minister of Petroleum & Natural Gas Dharmendra Pradhan was also present at the event. Dharmendra Pradhan also Government has set a target to achieve 20 per cent ethanol blending of automotive fuels.

"When we took charge ethanol blending was less than 1 per cent, today it has increased to 6 per cent and further we have targeted to achieve 20 per cent ethanol blending", through innovations developed by our bio-energy scientists we are now working on utilising waste biomass by converting it into Biofuels. With 600MT of biomass, which can be used as raw material, India remains the only country with the highest scope for growth of Biofuels", he said.

The Minister also said that the ministry has set Rs. 300 crore Start-Up Fund. I have advised my colleagues to have biofuels as a key focus area and provide stimulus to the industry by giving handholding support and offtake guarantee to new & emerging entrepreneurs in the Biofuel sector", he said.



"Government has simplified Patents regime for Start-ups, MSMEs" : Piyush Goyal

MINISTER GIVES AWAY GLOBAL BIO-INDIA AWARDS



New Delhi , 22 Nov 2019

The Union Minister of Railways and Minister of Commerce & Industry, Piyush Goyal has said the Government has simplified the Patents regime for Start-ups, MSMEs among others to encourage innovation. He assured the Department of Industrial will extend all support to new and emerging enterprises in Biotechnology sector. Shri Goyal was addressing the gathering after giving away Awards at the Global Bio-India Summit, 2019 here today. Shri Goyal said biotechnology is a key sector to fulfill India's aspirations. "The Prime Minister's Vision of New India is intertwined to DBT's enterprising endeavours", he said. "The aspirations of 1.3 billion Indians rests on our success to adopt technology, - innovations that lead to transformations", he added. Shri Goyal said India was the first country in the world to have a separate Department of Bio-Technology. "Outside the US, the largest number of FDA approved drugs, 523 in numbers, come from India", he said. "From the present nearly Rupees 3.5 lakh crore worth of BT industry

in India, the DBT aims to top Rs.7 lakh crore output by 2025 and analysts say this could even touch Rs.11/12 lakh crores", he added.Calling upon academia, industry and government to come together, Shri Goyal said sustainability will be the fulcrum for innovation.Shri Goyal gave away GBI awards and also released various reports besides launching a web portal for BT Start-ups.Member, NITI Aayog, Dr. Vinod K. Paul and Secretary, DBT, Dr. Renu Swarup also addressed the gathering.

New Delhi to host first Global Bio-India Summit

New Delhi, Oct 24 (UNI) The Global Bio-India 2019, one of the largest biotechnology stakeholders conglomerate will be held for the first time in India at New Delhi from 21st to 23rd November 21 to 23.

Announcing this at a Curtain Raiser in Delhi on Thursday the Union Minister for Science and Technology Dr Harsh Vardhan said "India for the first time is hosting a mega event for the biotech community to attract investments, showcase our indigenous strengths and more importantly fuel the hopes and aspirations of the indigenous talent pool".

Speaking on the occasion, he expressed India's continued commitment in scientific research, its translation and commercialization and laid emphasis on how this event would be a huge opportunity to showcase India's strength and build new partnerships and investment opportunities.

Echoing similar view, Department of Biotechnology (DBT) Secretary Dr Renu Swarup stated "Biotech is one of the identified champion sectors in the Make in India 2.0. Our ambition for the event is to showcase the strength in the sector and let the world know India is the destination to invest".

At this occasion, a brochure of GlobalBio-India2019 was also released at the Curtain Raiser. The DBT, Ministry of Science and Technology along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC) is organizing this event, the official release of S&T Ministry said.

The event has been structured to bring together stakeholders from 30 countries, 250 start-ups, 200 exhibitors, Central and State ministries, regulatory bodies, investors, totalling to 3500 participants are anticipated in this Summit which would be one of the largest biotechnology stakeholders conglomerate to be held in India for the first time, the release added.

UNI AKS JW2216

Tags: #New Delhi to host first Global Bio-India Summit



India to be a world leader in Biotechnology- Global Bio-India Summit, 2019.

November 23, 2019 KESHAV SINGH

Union Minister for Science & Technology, Earth Sciences and Health & Family Welfare, Dr. Harsh Vardhan has said India has the potential to emerge as the world's top industry destination in biotechnology sector. Addressing the Inaugural function of the 3-day Global Bio-India Summit, 2019 in New Delhi, Dr. Harsh Vardhan said India has the expertise and the biotechnology sector has witnessed exponential growth in recent decades. Government has encouraged the sector by setting up hundreds of Biotechnology Parks and Incubators while thousands of Start-ups have been supported by the Government, he added.



Dr Harsh Vardhan inaugurates Global Bio-India Summit 2019 (Image Credit: Twitter)

Dr. Harsh Vardhan said the Prime Minister has set a target of making India the top country in Science & Technology by 2030. As compared to 5% growth in scientific publications worldwide, India has notched a growth of 14% in this sphere, he said. “We have developed a number of vaccines and the rotavirus vaccine is now a part of the National Immunization programme, besides our laboratories have also produced vaccines against dengue and malaria. We are No.3 in Nanotechnology and our Tsunami Early Warning System has been ranked No.1 in the world”, he added.

Dr. Harsh Vardhan said India plays a pioneering role in the UN sponsored Mission Innovation (MI) programme and is the leading country in three MI challenges on Smart Grids, Off-Grid Access to Electricity and Sustainable Biofuels. He said we are a “Changed India” today, and as Shri Narendra Modi has aimed, we will make a “New India” by 2022 and finally we aim to be the world leader, “Vishwa Guru”.

Dr Harsh Vardhan said Biotechnology serves mankind helping in to move towards a biotechnology-led economy, transforming as many lives as possible, creating opportunities and promising development for all. He encouraged young innovators and entrepreneurs in the Biotech sector to come forward for the development of the country. “Government of India will support and assist their ideas to make it a reality. He said, as per the vision of former Prime Minister Atal Bihari Vajpayee, the wave of Information Technology 20 years ago is India Today and Biotechnology is the India tomorrow”, he said.



(Image Credit:- <https://indusdictum.com/>)

Speaking on the occasion, the Minister for Petroleum & Natural Gas and Steel, Dharmendra Pradhan said the Government has set a target to achieve 20% ethanol blending of automotive fuels. “When we took charge ethanol blending was less than 1%, today it has increased to 6% and further we have targetted to achieve 20% ethanol blending”, he said.

Pradhan said we are committed to work towards greater decarbonisation and make India a gas based economy. Bio-energy will play an important role in this, he said. “Through innovations developed by our bio-energy scientists we are now working on utilising waste biomass by converting it into Biofuels. With 600MT of biomass, which can be used as raw material, India remains the only country with highest scope for growth of Biofuels”, he added.

“In future ethanol will be produced from raw materials like, excess food grains, to help transform our ‘Annadatas’ to ‘Urjadatas.’ With 600MT of biomass, which can be used as raw material, India remains the only country with highest scope for growth of Biofuels”, said Pradhan.

Pradhan said the Petroleum & Natural Gas Ministry has instituted a Rs 300 crore Start-Up Fund. “I have advised my colleagues to have biofuels as a key focus area and provide stimulus to the industry by giving handholding support and offtake guarantee to new & emerging entrepreneurs in the Biofuel sector”, he said.

In his address, Member, NITI Aayog, Dr. Vinod K. Paul said the Government and the private sector are working in unison to make Primary Healthcare success in the country. “The aspirations of the people of India have risen and from Primary Healthcare, we are now extending our reach to Secondary and Tertiary Healthcare”, he said.

Secretary, Department of Biotechnology, Dr. Renu Swarup said the 3-day Biotechnology Summit will discuss roadmap to achieve \$100 billion bioeconomy target. “We have scaled \$51 billion already and the sector is growing at 14.7%. So the \$100b target seems very modest”, she said.

Dr. Harsh Vardhan and Dharmendra Pradhan later inaugurated the Global Bio-India Exhibition.

Global Bio-India is one of the largest biotechnology stakeholders conglomerate being held in India for the first time. It has brought academia, innovators, researchers, start-ups, medium and large companies together on the same platform. Over 3,000

delegates from around 25 countries and over 15 states of India are participating in the mega event. More than 200 exhibitors, 275 Start-Ups and more than 100 Bio-Technology Incubators are participating in it.

Biotechnology is recognized as the sunrise sector- a key driver for contributing to India's USD 5 Trillion economy target by 2025

India's first largest biotechnology conference Global Bio-India Summit, 2019 concludes



New Delhi, India's first largest biotechnology stakeholders conglomerate, - the Global Bio-India (GBI) Summit, 2019 concluded. The three-day event was organized by the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC). The associated partners for this event were Confederation of Indian Industry (CII), Association of Biotechnology Led Enterprises (ABLE) and Invest India. In her remarks at the Closing Ceremony, Dr. Remu Swarup, Secretary, Department of Biotechnology & Chairperson BIRAC, said, going by the tremendous success of the mega event, the Department plans to turn the GBI into an annual event with support from all stakeholders. Biotechnology is recognized as the sunrise sector- a key driver for contributing to India's USD 5 Trillion economy target by 2025. The Summit provided an opportunity to showcase the potential of India's biotech sector to the international community, identify, create opportunities and deliberate on the key challenges in the areas of Bio-pharma, Bio-Agri, Bio-Industrial, Bio-Energy and Bio-Services and allied sectors.



Govt has simplified patents regime for start-ups, MSMEs: Piyush Goyal

By [Asian News International](#)

New Delhi: Union Minister of Commerce and Industry, Piyush Goyal has said that the Central government has simplified the patents regime for start-ups, micro, small and medium enterprises to encourage innovation in the country.

Addressing a gathering after giving away awards at the Global Bio-India Summit 2019, Goyal also assured that the government will extend all support to new and emerging enterprises in the biotechnology sector. "The Prime Minister's vision of new India is intertwined to DBT's (Department of Biotechnology) enterprising endeavours... The aspirations of 1.3 billion Indians rest on our success to adopt technology - innovations that lead to transformations," he said.

The Union Minister added that the country was the first in the world to have a separate department of biotechnology. "Outside the US, the largest number of FDA approved drugs, 523 in numbers, come from India... From the present nearly Rs 3.5 lakh crore worth of biotechnology industry in India, the Department of Biotechnology aims to top Rs 7 lakh crore output by 2025 and analysts say this could even touch Rs 11/12 lakh crore," he added.

Calling upon academia, industry and government to come together, Goyal said sustainability will be the fulcrum for innovation. He also gave away GBI awards and released various reports besides launching a web portal for biotechnology start-ups. NITI Aayog member Dr Vinod K Paul and DBT Secretary Dr Renu Swarup also addressed the gathering.



Dr. Harsh Vardhan and Shri Dharmendra Pradhan to inaugurate the Global Bio-India Summit tomorrow

“India’s first largest biotechnology stakeholders conglomerate”, says Dr. Renu Swarup, Secretary, DBT

Union Minister for Science & Technology, Earth Sciences and Health & Family Welfare, Dr. Harsh Vardhan and Minister for Petroleum & Natural Gas and Steel, Shri Dharmendra Pradhan will inaugurate the Global Bio-India Summit, 2019 here tomorrow.

The three-day event has been organized by the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC). The associated partners for this event are Confederation of Indian Industry (CII), Association of Biotechnology Led Enterprises (ABLE) and Invest India.

Dr. Renu Swarup, Secretary, Department of Biotechnology & Chairperson BIRAC, said the Government has taken this initiative to hold one of the largest biotechnology stakeholders conglomerate in India for the first time. “Global Bio-India is being organized for the first time in India and will bring academia, innovators, researchers, start-ups, medium & large companies together on the same platform which will facilitate acceleration of the innovation ecosystem in the country”, she said at a media briefing today.

Biotechnology is recognized as the sunrise sector - a key driver for contributing to India’s USD 5 Trillion economy target by 2025.

The Summit will provide an opportunity to showcase the potential of India’s biotech sector to the international community, identify, create opportunities and deliberate on the key challenges in the areas of Bio-pharma, Bio-Agri, Bio-Industrial, Bio-Energy and Bio-Services and allied sectors.

Highlights of the Global Bio-India 2019:

- 25+ Countries
- 15+ States
- 200+ Exhibitors

- 3500+ Delegates
- 275+ Startups
- 100+ Bio-technology incubators
- Investors-Angels, VCs
- Bio-Partnering
- State Pavilions
- Policy Dialogues
- Start-up Awards

Salient components of Global Bio-India 2019 will include events such as CEO Roundtable, Global Regulators Meet, Investors Roundtable, Exhibition/ Pavilions including Country, Ministries, Departments, States, Startups, and others.

The event has been structured to bring global biotechnology stakeholders including national and international bodies, central and state ministries, regulatory bodies, SMEs, large industries, bio-clusters, research institutes, investors, incubators, start-ups and others.

Two international level side events i.e “NanoBioteck-2019” and “Nanofor Agri-2019” will be organised. These events will cover most recent research and developments in the field of Nano Agriculture and Nanomedicine.

This 3-day event will help harness synergies, discussions, brainstorming among stakeholders to identify an actionable roadmap to catapult India’s biotech sector on the global map. It will also help in further aligning with the Government’s vision and mandate to boost translational research, product development and commercialization, building new partnerships, long term collaborations and investment opportunities.

Business Standard

Global Bio-India Summit concludes, provides opportunity to showcase potential of India's biotech sector

[Press Trust of India](#) | New Delhi Last Updated at November 23, 2019 23:40 IST

India's first largest biotechnology stakeholders' congregation Global Bio-India (GBI) Summit-2019 concluded here on Saturday.

The summit provided an opportunity to showcase the potential of India's biotech sector to the international community, identify, create opportunities and deliberate on the key challenges in the areas of bio-pharma, bio-agri, bio-industrial, bio-energy and bio-services as well as allied sectors. a statement of the Science and Technology Ministry said.

The three-day event was organised by the ministry's Department of Biotechnology (DBT) along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC).

The associated partners for this event were the Confederation of Indian Industry (CII), the Association of Biotechnology Led Enterprises (ABLE) and the Invest India.

In her remarks at the closing ceremony, Renu Swarup, Secretary, Department of Biotechnology and Chairperson BIRAC, said going by the tremendous success of the event, the department plans to turn the GBI into an annual event with support from all stakeholders.

Biotechnology is recognised as the sunrise sector- a key driver for contributing to India's USD 5 Trillion economy target by 2025



New Delhi to Host First “Global Bio-India 2019” Summit from 21st - 23rd November

The Global Bio-India 2019, one of the largest biotechnology stakeholders conglomerate will be held for the first time in India at New Delhi from 21st to 23rd November, 2019. Announcing this at a Curtain Raiser in Delhi today, the Union Minister for Science & Technology, Earth Sciences and Health & Family Welfare, Dr. Harsh Vardhan said “India for the first time is hosting a mega event for the biotech community to attract investments, showcase our indigenous strengths and more importantly fuel the hopes and aspirations of the indigenous talent pool”.

Speaking on the occasion, Dr Harsh Vardhan expressed India’s continued commitment in scientific research, its translation and commercialization and laid emphasis on how this event would be a huge opportunity to showcase India’s strength and build new partnerships and investment opportunities.

Echoing similar sentiments, Secretary, Department of Biotechnology (DBT), Dr.RenuSwarup stated "Biotech is one of the identified champion sectors in the Make in India 2.0. Our ambition for the event is to showcase the strength in the sector and let the world know India is the destination to invest”.

A brochure of GlobalBio-India2019 was also released at the Curtain Raiser.

The DBT, Ministry of Science & Technology, Government of India along with its Public Sector Undertaking, Biotechnology Industry Research Assistance Council (BIRAC) is organizing this event.

The event has been structured to bring together stakeholders from 30 countries, 250 start-ups, 200 exhibitors. Central and State ministries, regulatory bodies, investors, totalling to 3500 participants is anticipated.

The event is expected to strengthen the indigenous research capabilities, bio-entrepreneurship, investments and last-mile-delivery of technology across rural India and tier-2, 3 cities.

It is noteworthy to point that Biotechnology is recognized as the key driver for contributing to India’s USD 5Tn economy target and is identified as one of the thrust areas for driving GDP growth of our country. India is positioned today at about USD51bn and is marching towards USD150bn.

The Summit assumes significance as it is one of the largest biotechnology stakeholders conglomerate to be held in India for the first time.



First Global Bio-India 2019 to be hosted in Delhi

Global Bio-India 2019 would deliberate on the opportunities and key challenges in the areas of bio-pharma, bio-agri, bio-industrial, bio-energy and bio-services sectors



The Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India, along with its Public Sector Undertaking (PSU), Biotechnology Industry Research Assistance Council (BIRAC) is organising Global Bio-India 2019 from 21-23 November, 2019 at Aerocity, New Delhi, in partnership with Confederation of Indian Industry (CII), Association of Biotech Led Enterprises (ABLE) and Invest India.

Recognised as one of the key drivers for contributing to India's economy target of \$5 trillion by 2024, the biotechnology sector is poised to grow exponentially over the next decade. Policy initiatives of the Government of India (GoI), such as 'Make in India' programme, are aimed at developing India as a world-class biotechnology innovation and bio-manufacturing hub. India is among the top-12 destinations for biotechnology in the world valued at \$51 billion during 2018-19.

Speaking at the curtain-raiser of the event at the Ministry of Earth Sciences (MoES) in New Delhi, Union Minister for Science and Technology, Earth Sciences and Health and Family Welfare, Dr Harsh Vardhan, said, "India for the first time is hosting a mega event for the biotech community to attract investments, showcase our indigenous strengths and more importantly, fuel the hopes and aspirations of the indigenous talent pool."

Global Bio-India 2019 would deliberate on the opportunities and key challenges in the areas of bio-pharma, bio-agri, bio-industrial, bio-energy and bio-services sectors. Some of the components of Global Bio-India 2019 would be events such as bio-partnering, policy dialogues, CEO roundtable, global regulators meet, investors roundtable, exhibition/pavilion including countries, ministries, departments, states, startups and others.

Also present at the occasion, Dr Renu Swarup, Secretary, DBT, stated, "Biotech is one of the identified champion sectors in the 'Make in India 2.0.' Our ambition for the event is to showcase the strength in the sector and let the world know that India is the destination to invest."

A brochure of Global Bio-India 2019 was released at the event, along with the 'Guidelines for Evaluation of Nanopharmaceuticals in India.'

Speaking on the guidelines, Dr S Eswara Reddy, Joint Drugs Controller, said, "There is a huge potential to come up to develop the technology to reduce the toxicity and to improve the efficacy of the existing drugs that will lead to benefits in this area. In this connection, the DBT, in consultation with the Indian Council of Medical Research (ICMR) and Central Drugs Standard Control Organisation (CDSCO), has come up with the guidelines for the evaluation of the nanopharmaceuticals. As on date, we don't have a clearly defined regulatory pathway for the approval of nanopharmaceuticals. With these guidelines, I am sure the industry, innovators as well as regulators will help us for commercialisation of any information with respect to nanopharmaceuticals."

Global Bio-India 2019 is expected to draw nearly more than 3,500 delegates from across the globe connecting the Indian biotechnology ecosystem with the international ecosystem. Further, the event is expected to strengthen the indigenous research and development capabilities, bio-entrepreneurship, investments at centre and state level and integration of innovative

affordable products and technologies for the last-mile-delivery across India, including tier II and tier III cities and rural areas.