

Culture Is the 'Perfect Weapon' Against
Xenophobia and Other Prejudices

Lithuania Celebrates Its Expo 2020
National Day with Opera and Jazz

Co-creation for Sustainable Synergy

Six Unmissable Exhibits Showcasing
the Best of Lithuanian Innovation

Lithuania Introduces Great Works at
the World EXPO 2020 Dubai



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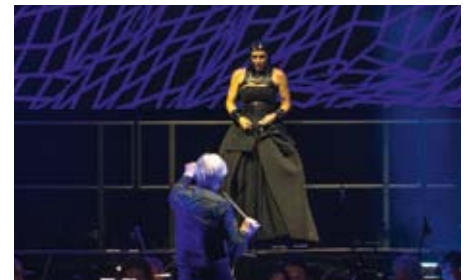


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Co-creation for Sustainable Synergy



Dear visitors, colleagues and friends,

The unforgettable celebration of the UAE's Golden Jubilee also marked a very successful milestone for EXPO 2020. Millions of visitors, spectacular events, and visits by Heads of state from around the world have already made this event extremely important to each of us personally and to all of us together. Now we are all very happy that EXPO 2020 Dubai has not only opened, but also is running well and we are sure it will be a great success both for the organizers and for all of the 192 participating countries. Despite any disruptions like the COVID virus, which is still mutating rapidly and still very difficult to predict, ambitious dreams have been fulfilled and we all can enjoy this amazing global event.

Lithuania is very satisfied with the fact of taking part at the EXPO and how it does it. The very initial idea of participating at the exhibition for Lithuania was 'Sustainable Synergies' and it was well understood by the team of young architects, who designed the Openarium and developed it further under the main message of the newly-approved Lithuania Co-create Governmental strategy.

On the outside of the Lithuanian pavilion visitors may see the wooden structures, decorated with stylish window shutters that demonstrate the openness of our country, while the



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most innovative solar power plant on the roof conveys the country's modernity – all together these details underline our strong commitment to sustainable development. The Ministry of Environment is responsible for Lithuania's participation at the World Expo and that's why we are even more pleased to be located in the Sustainability district, where we can share similar ideas with other neighbouring pavilions.

The indoor exhibition focuses on new technologies, lasers, life sciences and fintech solutions: the so-called podiums of success are placed in the shade of the *Kinetic Tree* installation. Dozens of well-known companies or scientific institutions, as well as rapidly expanding start-ups, have been invited to share their success stories and many of them offered very impressive solutions. One of the first exhibits attracting the visitors' attention is the smallest model of the tallest building in the world – Burj Khalifa, provided by Femtika laser company, followed by the DNA Scissors or CRISPR / Cas9 gene editing technology, invented by Virginijus Šikšnys, professor and biochemist of Vilnius University, as well as the world's first digital collector coin, released by the Bank of Lithuania, and, of course, the pOrtal, placed in the central part of the main exhibition hall – no one passes through without noticing this symbolic installation. The project was initiated by Benediktas Gylys Foundation working in partnership with municipalities of Vilnius and Lublin, and now the project team is planning to build dozens of Portals world-wide, creating an intercultural #PORTAL Cities Network, spreading the message of friendship, unity, and connecting the whole world. It is very likely that EXPO 2020 with its main theme of 'Connecting Minds, Creating the Future' will help spread this project around the world.

The success of participation at the exhibition is determined not only by the architecture of the pavilions or the exhibits showcased inside. Much of the success lies in the event programming. Lithuania has started with a business forum during the National Day (22 October), but that was just the beginning. In the same month we successfully presented contemporary Lithuanian architecture 'Building for Tomorrow', while in the second half of the exhibition we hope to host an exhibition dedicated to the EU Architecture Mies van der Rohe Awards at our pavilion. In January, we are planning to host an event on Tech Driven Travel Industry, also to introduce Kaunas European Capital of Culture programme, which will start in January, and, a few days later, we will mark the countdown of one year to go till the celebration of the 700th anniversary of Vilnius, the capital of Lithuania. Representatives of Protected areas and National Parks of Lithuania will come to Dubai and demonstrate the extraordinary beauty and uniqueness of these places, including the Curonian Spit with the sand dunes quite like the images of the Arabian Peninsula and where you can find amber – the Lithuanian gold (you can see some of the



unique amber items from Mizgiris Amber Museum in the permanent exhibition of the pavilion), or Aukštaitija National park with its countless lakes and inspiring greenery, the images of which, captured by the famous photographer Marius Jovaiša, also decorate the walls of our pavilion.

The Lithuanian Song Festival (also referred to as the Song Celebration) – a massive traditional song and dance festival, which will mark its 100th anniversary in 2024, will also echo loudly at EXPO and it has certainly deserved that as UNESCO has proclaimed the tradition of the Song and Dance Celebration in Lithuania, Latvia and Estonia as a Masterpiece of the Oral and Intangible Heritage of Humanity, and included it into the List of Intangible Cultural Heritage.

Several exhibitions of Lithuanian photographers have already been opened at the multifunctional space of the pavilion: Andrius Repšys' impressive photographs of renewable energy objects, captured in the snowy winter days (*Solar Graphics* series), will be replaced by his drone photos taken at the EXPO site this November. While the images of space objects, captured by astronomy photographer Artūras Medvedevas (one of his works (*IC 342: The Hidden Galaxy*) was recognized by NASA as Astronomy Picture of the Day) will create a meaningful extension of the insect macro photographs by another talented author Eugenijus Kavaliauskas.

Here at EXPO we are always looking for talented performers, who can make the celebration even more impressive. After the triumph of Vilnius City Opera (Lithuanian State Symphony Orchestra, Opera soloists and e-musicians, who gave a wonderful concert on Lithuania's National Day in October), we are looking forward to successful performances by the other excellent Lithuanian musicians, such as the NIKO New Ideas Chamber Orchestra (founder and artistic director Gediminas Gelgotas) or the virtuoso accordionist Martynas Levickis. Their performances are scheduled for the occasion of the upcoming Lithuanian National Holidays – 16 February and 11 March.

Art always creates synergies like that *Desert Flowers* original installation, presented by the Lithuanian glass master Remigijus Kriukas. It welcomes all visitors as soon as they enter the Lithuanian home at Dubai Expo. I would like to give such a virtual or a real flower to every visitor or colleague and wish that their acquaintance with Lithuania, once started at our pavilion, would turn into cooperation and friendship forever.

Romas Jankauskas
Commissioner General of the Lithuanian Pavilion
EXPO 2020 Dubai



Remarks by Prime Minister of Lithuania Ingrida Šimonytė at the Official Opening Ceremony of the Lithuanian National Day at EXPO 2020

22 October 2021, Al Wasl Plaza,
Expo 2020 Dubai, UAE

**Your Highness, Your Excellences,
Honourable Guests, Ladies and Gentlemen,**

It is, indeed, a great honour for me to open the National Day of Lithuania at World EXPO in Dubai. I am happy to be in the United Arab Emirates – the global centre of business, trade, logistics, technology, as well as the amazing destination for recreation and cultural experiences.

This year the United Arab Emirates celebrates its milestone golden jubilee, and I am pleased to have the privilege to extend my very best wishes to you all on this occasion. Your country is an example of how wise vision and dedicated people can build modern societies and economies, and shape the future of our world, while at the same time cherishing traditions and nature.

On geopolitical level, we praise your country's efforts for regional and global peace and stability, as well as your humanitarian work, as creativity and innovations can only flourish in a stable, peaceful, and cooperative environment.

As international community, we are never short of challenges – from economic crises and climate change to the current pandemic. But I hope it is clear to all of us that the most complex challenges can only be tackled effectively through concerted global efforts. Expo 2020 in Dubai provides us with a global platform that pools together countries, international organisations, businesses, and researchers. And we are here to strengthen and expand our partnerships and to showcase innovative and cutting-edge solutions to our global problems.

Expo 2020 Dubai's central theme, 'Connecting Minds, Creating the Future', resonates well with Lithuania, as my country's strength lies in being open, eager to co-create, and grow together with other nations along the way.

Innovative approaches, open governance, educated people, and rich culture create ideal conditions for Lithuania to be a catalyst for change. World class companies from a diverse range of sectors come to Lithuania to co-create solutions for tomorrow, while our start-ups are working hand-in-hand with the likes of NASA and SpaceX.



My Government is determined to make conditions for innovative economy even more attractive. The foundations we are building on are very solid.

Already today, Lithuanian-produced lasers compose 10 % of the global scientific laser market, while Lithuanian-based biotech companies are producing active ingredients for COVID-19 vaccines. My country has every opportunity to become one of the genetic editing hubs globally. Some of this technology you can see at the Lithuanian Pavilion.

Being part of the innovative Nordic-Baltic region, Lithuania also greatly benefits from its memberships in the EU, NATO, and OECD. And I am certain that our economic and innovative achievements are only gaining momentum – vast potential is still ahead of us.

Indeed, I see many opportunities for both our countries to cooperate in co-creating the future by applying innovative solutions, especially in biotech, lasers, and renewable energy, improving public sector services via govtech solutions, and working in other fields to improve everyday lives of people and foster sustainability. After all, the future is being built every day by empowered dreamers and innovators. And we are ready to be of a help along this way.

Some of the dreamers, the current and future innovators, are here with us today. Twenty students, winners of the Junior Achievement Program, and more than 100 Lithuanian busi-



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ness representatives from the most innovative fields (such as laser, life sciences, IT, and biotech) are present at the opening of the Lithuanian National Day. I am certain that their participation and meetings at the exhibition will lead to new partnerships, and new ideas will be born.

As we open Lithuanian National Day at EXPO, I would also like to highlight Lithuania's cultural program throughout the exhibition. Tonight, the Jubilee Stage will feature the Lithuanian State Symphony Orchestra and our talented opera singers.

I take this opportunity to express my personal appreciation for the leadership of the United Arab Emirates and the EXPO 2020 organizers for this historic and impressive exhibition. I am certain that EXPO 2020 will invigorate our bilateral relations and will further strengthen our friendship.

We are looking forward to welcoming you here at the Lithuanian Pavilion in EXPO 2020, and whenever you might want to come and visit Lithuania.



Lithuania Celebrates its Expo 2020 National Day with Opera and Jazz

DUBAI, 22 October 2021 – Lithuania celebrates its National Day at Expo 2020 today with an impressive line-up of cultural and entertainment activities – including jazz, opera and a gala concert on Expo’s Jubilee Stage.

His Excellency Sheikh Nahayan Mabarak Al Nahayan, UAE Minister of Tolerance and Coexistence and Commissioner General of Expo 2020 Dubai, welcomed Ingrida Šimonytė, Prime Minister of Lithuania to the flag-raising ceremony at Al Wasl Plaza’s Stage of Nations and praised the country’s varied achievements.

His Excellency Sheikh Nahayan said: “The pavilion of Lithuania represents a country that is open for business, creativity, sustainable practices and more. The pavilion has an extroverted personality of its own... and showcases Lithuania’s success as a modern nation, focusing on achievements in solar energy, information and financial technologies, life sciences, and laser technology.

“With Expo 2020, we hope to build on existing partnerships between Lithuania and the UAE. Our developing ties... will only flourish further in the near future, as we seek enhanced cooperation in various other fields of mutual interest, such as financial technology, innovation, research, artificial intelligence, food security and clean energy.”



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Prime Minister Šimonytė said: ‘I would like to thank the UAE government for its hospitality and for organising this international event, which gives us the opportunity to share ideas and solutions, especially after the interruption that the world has witnessed due to the COVID-19 pandemic. We are looking forward to strengthening our bilateral relations by exchanging expertise and exploring opportunities for cooperation, especially since we have a common interest in many issues, such as food security and hydrogen as a source of clean energy.

‘In addition to addressing pressing global issues such as climate change, Expo 2020 Dubai presents an opportunity to learn about different cultures. In our pavilion, we are keen to convey the message of sustainability and the importance of tackling this issue in an open and flexible environment. Our pavilion is centred around natural resources and our rich culture. It also highlights the latest innovative technologies of Lithuania.’

Named Openarium, the Lithuanian Pavilion is located in the Sustainability District. Under the theme ‘Sustainable Synergies’, the





pavilion communicates with visitors through unique Lithuanian architecture that has been designed with elements that correlate with the heart essential parts of the country's identity, such as warmth, nature, and comfort.

As a burgeoning tech economy making advances in everything from lasers to life sciences, Lithuania is ready to throw open its doors to the world. Inside the pavilion, the central highlight is the *Unseen Lithuania* exhibit, a high-definition digital tour of the country's unspoiled natural beauty. Visitors will also be able to sample Lithuanian cuisine inside the restaurant, and to check out the authentic handcrafts in the souvenir shop.

To the backdrop of the Expo site's illuminated night-time landscape, Lithuania will host a three-hour gala concert on the Jubilee Stage later on Friday, featuring opera classics and contemporary opera fused with electronic music. Earlier, Lithuanian jazz musicians performed live at the Earth Stage in Expo's Sustainability District, while Lithuania is also hosting Country Business Forum at Terra – The Sustainability Pavilion's Auditorium.

National and Honour Days at Expo 2020 Dubai are moments to celebrate each of our 200-plus International Participants, shining a light on their culture and achievements and showcasing their pavilions and programming. Each features a flag-raising ceremony at the Stage of Nations in Al Wasl Plaza, followed by speeches and cultural performances.

Running until 31 March 2022, Expo 2020 has invited visitors from across the planet to join the making of a new world in a six-month celebration of human creativity, innovation, progress and culture.

By EXPO 2020 Dubai





Lithuania Introduces Great Works at the World EXPO 2020 Dubai

The Start of the Lithuanian National Day
on EXPO 2020 Dubai Stage of Nations



A colourful parade, marching towards the impressive Al Wasl building, featuring the flags of Lithuania and the United Arab Emirates, and a sea of small Lithuanian flags in people's hands – this was the beginning of the Lithuanian National Day at EXPO 2020 Dubai on 22 October 2021. *The National*, an Arab daily newspaper, wrote that the EXPO grounds were flooded by a wave of colours yellow, green and red.

That wave came to the Al Wasl dome and respectfully stood still at the Stage of Nations, watching the flags of UAE and Lithuania rising on the flagpoles, surrounded by chords of the countries' national anthems.

Ingrida Šimonytė, Prime Minister of the Republic of Lithuania, opened the Lithuanian National Day by delivering a speech, emphasizing that as the world keeps facing various challenges, ranging from climate change to economic crises and pandemics, sustainable solutions can be found only by working together.

'EXPO 2020 in Dubai provides us with a global platform, which promotes the exchange of ideas, new partnerships and finding innovative solutions for global challenges. And we are here to strengthen and expand our partnerships and to showcase innovative and cutting-edge solutions to our global problems,' said Šimonytė. She invited to visit the Lithuanian pavilion, which builds on the concept of Open for Co-creation (*Lithuania Co-create*), outlined in the strategy for introducing Lithuania abroad.





The aim is to introduce Lithuania as a modern and innovative country that is open for cooperation, highlighting the potential of economic and global solutions that would transform people's lives not only in Lithuania, but the entire world. The pavilion introduces technology and solutions for life sciences, lasers, renewable energy, circular economy and other cutting-edge fields, developed by Lithuanian scientists.

'I am honoured to take part at the Lithuanian National Day celebration and congratulate you all,' said H. E. Sheikh Nahayan Bin Mubarak Al Nahayan, Minister of Tolerance and Coexistence UAE and Commissioner General of EXPO 2020 Dubai, during his greeting speech.

H. H. Sheikh Mohammed bin Rashid Al Maktoum, Vice-President of UAE and Ruler of Dubai, visiting the Lithuanian pavilion as a sign of special attention and respect to Lithuania and its leadership, was an unexpected and pleasant surprise for the Lithuanian delegation.

The Lithuanian Prime Minister also met with Sheikh Abdullah bin Zayed bin Sultan Al Nahyan, Minister of Foreign Affairs and International Cooperation of the United Arab Emirates, other high officials, and opened the Lithuanian-UAE Business Forum.

'We see cooperation opportunities in politics, economy, science, culture and tourism. I have no doubts that direct flights between Lithuania and UAE would strengthen the development of our economic ties and Lithuanian exports.' said Šimonytė. ▶

Lithuania Co-create

6

SIX UNMISSABLE EXHIBITS SHOWCASING THE BEST OF LITHUANIAN INNOVATION

One of the oldest and biggest global events, the 35th World Expo is underway in Dubai after a year-long postponement. Among the 200 pavilions welcoming the Expo's 130,000 projected daily visitors is Lithuania's Openarium – an impressive exhibition space, celebrating Lithuania's scientific, cultural, and business achievements. Openarium presents Lithuania to the world as an innovator open to co-creating a smart, sustainable future. Lithuanian-generated innovative solutions, presented in Dubai, range from DNA-based data storage to 3D printed snacks. Here are some of the exhibits that the Expo's visitors from around the world can discover at the Lithuanian pavilion.

1

A MINIATURE BURJ KHALIFA

The tallest building in the world, Burj Khalifa is the pride of Dubai. But to showcase the power of Lithuanian lasers, the country's laser technology experts shrunk the impressive skyscraper by 83,000 times.

The result is a 1.5 cm tall glass 3D model of Burj Khalifa on display at the Lithuanian Pavilion. Made using a femtosecond laser produced by Lithuanian Femtika laser company, the miniature Burj Khalifa could be even smaller – the size of the eye of a needle.

The laser technology behind this minuscule yet incredibly intricate object is subtractive micro-fabrication. If 3D printers add material to create a certain shape, this technology works the opposite way. When glass is exposed to a laser, it breaks easier, and unnecessary parts can be removed with utmost precision.

Lithuania has already become synonymous with world-leading laser technologies, so the growing global demand for lasers opens multiple possibilities of collaboration for the country's laser industry. The micro- and sub-micro-sized components produced by Femtika's lasers are used in the medical, automotive, biotechnology, space, and other industries around the globe. ▶



The meetings involved discussing relevant issues of regional safety, the situation in Afghanistan, and UAE's relations with Israel.

'Most of our safety challenges – from the pandemic to terrorism and military aggression – require global solutions, based on international law,' spoke Šimonytė.

The Prime Minister also emphasized the importance of bilateral agreements for further development of relationships, mentioning negotiations regarding investment promotion and protection, mutual assistance in criminal cases, extradition and transfer of sentenced persons.

Meetings also included discussions on the hybrid attack against Lithuania and the European Union, organised by the Minsk regime.

OPEN FOR CO-CREATION

'Lithuania Co-create' – this is the slogan that Lithuania uses to introduce itself to the world at EXPO 2020 Dubai. Lithuanian pavilion is an original wooden building (designed by MB Baukas architects Edita Bružikaitė, Mantas Čekaitis and Mindaugas Bučas, wooden structures delivered by UAB Jūrės Medis), featuring shutters with traditional Lithuanian ornaments and solar panels (Solitek, BOD Group) on the roof, established on a plot of 1,000 sq. m in the Sustainability district between Sweden and Slovenia Pavilions.

Modern, innovative, creative and open for cooperation – that's how we want our country to be seen and introduced to the world, says Romas Jankauskas, Commissioner General of the Lithuanian Pavilion.

The team of the pavilion also managed to surprise the visitors by offering them to take a look at the exhibit of the smallest precise copy of the highest skyscraper in the world – Dubai's Burj Khalifa. This precision work of the Lithuanian laser professionals (UAB Femtika) is truly an eye-catcher, constantly surrounded by large groups of people. One of the pavilion guides said that as she spoke about the exhibit, she noticed that one middle-aged visitor was particularly attentive. When she finished talking, he started sharing a story of his own. It turned out that this man, a visitor from a foreign state, was



an engineer, who worked on the construction of Burj Khalifa.

The artist Remigijus Kriukas, designer of the fifteen gold-clad glass flowers, featured at the Lithuanian pavilion, could share a lot too.

The title of *The Desert Flowers*, an arrangement of glass flowers of various sizes and weight, sounds natural for an event, taking place on an endless desert. However, Kriukas claims that the point of his work was to introduce namely the flowers of the Lithuanian desert. 'I wanted to say that we also have our own desert – Neringa and its unique flora – the legendary natural wonder, created by nature. This is the subtext of my exposition,' says the author.

Kazimieras Mizgiris and his wife Virginija, founders of amber galleries and a museum in Nida and Vilnius, could tell numerous stories about Neringa that once was rich not only with desert flowers, but also green with amber trees, the resin of which was transformed into the Lithuanian gold – amber – in millions of years. A small share of these treasures is also exhibited at the Lithuanian pavilion. ▶



Lithuania Co-create

SIX UNMISSABLE EXHIBITS SHOWCASING THE BEST OF LITHUANIAN INNOVATION

2

EXPLORING THE SECRETS OF DNA

Openarium also highlights Lithuania's renown within the life sciences field. Among the exhibits in the Lithuanian pavilion is one dedicated to the CRISPR-Cas9 gene editing technology dubbed the 'gene scissors'.

The essence of this invention is the Cas9 protein, found in bacteria, that cuts up DNA like a pair of scissors. These scissors protect the bacteria from viruses, but also make editing DNA as easy as fixing typos in an email.

Virginijus Šikšnys, a Lithuanian biochemist and a professor at Vilnius University, is one of the pioneering figures behind the CRISPR-Cas9 technology. He showed how Cas9 can be used to cut and paste genes together in a brand new way. This technology has incredible potential – since multiple illnesses stem from errors in human and animal DNA molecules, gene scissors might allow us to overcome diseases such as cancer, HIV, and many others.

In addition to editing the DNA chain, Lithuanian scientists also seek to turn it into a data storage solution for the future. With billions of gigabytes of data generated each day, extremely compact DNA molecules might be indispensable for storing digital data safely and sustainably.

In Dubai, visitors of the Lithuanian pavilion can see a capsule with a DNA molecule that can store around 4,000 times more data than all Netflix servers together. Lithuanian biotech company Genomika will use it to save the data of short greetings to Lithuania left by the visitors. And since it is estimated that 1 g of DNA can store up to 455 billion GB of data, there is no risk that Genomika will run out of space.





Arab nations are proud of their literary history and respect the heritage of Abu Al Tayyib Ahmad ibn Al Husayn Al Mutanabbi, one of the most prominent poets, who wrote in Arab language back in the 10th c. His immortal lines 'if you ventured in pursuit of glory, don't be satisfied with less than the stars' keep inspiring developers of technology in the 21st century. Namely these lines of the Arab poet Al Mutanabbi were chosen by the NASA US Space Agency to congratulate the team of the UAE Mars Mission, when their *Hope* probe successfully entered the orbit of the Red Planet. The UAE is the first Arab country and the fifth country in the world to reach Mars.

Lithuania has its own legendary poet Kristijonas Donelaitis – the pioneer of the Lithuanian poetry and one of the most unique 18th c. European poets and a European literary classic. The poem *The Seasons* is Donelaitis' lifetime's work, translated and published in 16 languages of the world, and included into UNESCO's library of literary treasures among Homer's and Virgil's epic literature.

At the Lithuanian pavilion, the World EXPO was introduced to the literary heritage, converted into visual forms using innovative technology, for the first time. This exhibit, delivered by the National Library of Lithuania and its partners in several languages, has drawn enormous attention from the visitors, particularly young people.

At the pavilion's souvenir shop, visitors can purchase amber and ceramics, and have a taste of the Lithuanian cold beetroot soup and beer at the local cafeteria, topped by printing a dessert – a one centimetre fruit cube, which, in terms of nutritional value, is an equivalent of an entire apple, pineapple or a handful of berries, using the special printer and the assortment of the freeze-dried food producer Super Garden (UAB Geld Baltic).

Upon leaving the pavilion, visitors can pick up a free copy of the special issue of *JŪRA MOPE SEA* magazine, published in English, Arab, Lithuanian, Chinese and Russian languages.



Lithuania Co-create



SIX UNMISSABLE EXHIBITS SHOWCASING THE BEST OF LITHUANIAN INNOVATION

3

A WORLD RECORD IN SOLAR CELL EFFICIENCY

Powered by solar panels, Openarium is entirely energy self-sufficient. And to highlight the importance of sustainable energy in Lithuania, the pavilion also displays record-breaking tandem solar cells.

The result of collaboration between Lithuanian scientists at Kaunas University of Technology and German researchers, the solar panels currently hold a world record in tandem solar cell efficiency, converting 29.15 percent solar energy into usable electricity.

Lithuanians synthesized the cell's semiconductor material, composed of molecules that assemble themselves into layers as thin as one nanometre. One gram of this material can cover up to 1,000 m² of surface, while using traditional technologies, the same amount produces only a couple of square centimetres of the solar element.

This scientific solution can greatly reduce the cost of solar energy extraction. Unsurprisingly, several global companies have already acquired licences to produce the material synthesized in Lithuanian laboratories.

4

3D PRINTER CAN PRINT YOUR NEXT SNACK

3D printing technology has been around for several decades, but printing food has sounded more like science fiction – until now. In Dubai, visitors of the Lithuanian pavilion can see the world's only 3D food printer in action, and even try the printed results.

Lithuanian company Super Garden has developed a device that prints edible snacks in real-time. If you are craving a quick bite, you can simply insert a cassette and click the print button – a delicious, nutritious snack will be ready in seconds.

Made from freeze-dried product, cocoa butter, and pea protein isolate, they come in 200 flavours – from vegetables to different types of meat or even desserts. Super Garden is also ready to develop unique recipes for the pickiest of eaters.





LITHUANIAN PERFORMERS CAME BACK FOR ENCORE ON THE GLOBAL STAGE

The performance of the Lithuanian artists received lots of interest and great success.

During the official ceremony of the Lithuanian National Day, Vilnius City Opera soloists performed well-known classic arias, completed with the powerful notes of 'Ūdrys Song' from *Pilėnai* opera by Vytautas Klova, followed by a storm of grand applause and cheering.

But that was only the beginning. The audiences were looking forward yet several more concerts in various parts of the fair. Later that night, thousands of people from all over the world, listened to the breathtaking three-part Gala concert, taking place on the EXPO's largest – Jubilee – stage, featuring fantastic Lithuanian performers.

The first part consisted of virtuoso opera arias, performed by Vilnius City Opera (VCO) artists, conducted by Gintaras Rinkevičius, Conductor of the Lithuanian State Symphonic Or-





chestra (LSSO). The second part featured *e-Carmen* electronic opera, directed by Dalia Ibelhauptaitė, adapted especially for the stage in Dubai. While the third part featured the *Ten Walls Symphony*, composed by the world-known music producer Marijus Adomaitis (Ten Walls).

The Lithuanian Prime Minister Ingrida Šimonytė, who watched the entire concert with the Lithuanian delegation, shared her impressions on Twitter: 'Today's performance of Vilnius City Opera together with masters of electronic music at EXPO 2020 is the best representation of contemporary Lithuanian culture – dynamic, full of experimental and collaborative projects.'

Impressive pictures from the show, where the last part of Adomaitis' (Ten Walls) *Symphony* not only followed by a grand applause, but also a demand for an encore, were also shared on Facebook page of the Lithuanian Government.

PEOPLE OF THE WORLD CAN COMMUNICATE IN THE LANGUAGE OF CULTURE AND ART

Lithuania always offers very high-level artistic programming at the world Expos. The world admired Lietuva State Song and Dance Ensemble (EXPO 2010, Shanghai, China), Klaipėda University DSC Žuvėdra, founded by Skaistutė and Romualdas Idzelevičai (EXPO 2012, Yeosu, South Korea), Bel Canto Mixed Choir from Vilnius Teachers' House, led by Artūras Dambrauskas, Vilnius City Municipality St Christopher Orchestra, led by Donatas Katkus (EXPO 2015, Milano, Italy), NICO New Ideas Chamber Orchestra, led by Gediminas Gelgotas (EXPO 2017, Astana, Kazakhstan) and many other highly-skilled performers.

VCO has been brought to represent Lithuania at EXPO 2020 Dubai by their experiments with electronic opera, which helped to win the national competition to be included into the European day line-up.

'I am most proud of the fact that two of our electronic pieces have been selected for the European Union Honour Day at EXPO 2020. We will be the only country to be featured more than once. The dance performance, based on the extract of our *e-Carmen* has been choreographed by a troupe from Italy, putting this cooperation on a global level.' shared Ibelhauptaitė before the show, adding that: 'The 100th anniversary of professional ▶

Lithuania Co-create



SIX UNMISSABLE EXHIBITS SHOWCASING THE BEST OF LITHUANIAN INNOVATION

5

WORLD'S FIRST DIGITAL COLLECTOR COIN

EU's fastest growing financial technologies hub, Lithuania has rocketed to the top of Europe's fintech scene due in big part to the forward-thinking regulation of the Bank of Lithuania. Lithuania's financial regulator is known to embrace innovation, and one example of its progressive attitude is on display in Dubai.

Making international headlines upon its release in 2020, LBCOIN is the world's first state-backed digital collectible coin. It consists of six digital tokens which, once assembled, can be exchanged into a physical silver collectors coin.

The silver coin depicts Lithuania's Act of Independence of 1918 and its 20 signatories, and carries an unconventional nominal value of €19.18 to commemorate the date.

Using blockchain technology to celebrate its history, Lithuania is at the forefront of exploring the possibilities of virtual currencies. The experience the Bank of Lithuania gained in the LBCOIN project has already been applied to study the feasibility of digital euro.





opera theatre in Lithuania, celebrated this year, became an excellent point of reference in exploring the past and future of the genre. VCO and LSSO kept pushing the bar even higher in the past 10 years, aiming for new forms, when the classical music is transformed into alternative. Besides, let's face it, having such a large number of internationally-acknowledged opera celebrities is a huge achievement for such a small country as ours. A miracle. Thus, taking part at the event in Dubai became an opportunity to explore the path of opera in our country and demonstrate the variety that can be created by a single joint team, such as the VCO and LSSO, as well as the number of achievements to be gained in cooperation, and how one musical piece could be divided into many others, even result in new forms of art.'

Soloists Ieva Prudnikovaitė and Lina Dambrauskaitė took part at the show of the European Union Honour Day at EXPO 2020, opened by a welcoming speech, delivered by the Vice-President of the European Parliament, who highlighted the importance of culture and solidarity under the difficult times of the pandemic.

SCIENCE, CULTURE AND ART TO UNITE AND LIBERATE THE MIND

The history of the World Expos goes back for almost two centuries. This year marks the 170th anniversary since the very first world fair, which took part in London during the reign of Queen Victoria.

For a long time, since the first editions of the event, the fairs mostly focused on technological innovations and achievements, promoting industrial progress. World Expos have been always associated with visions of the future and nations cooperating to build it.

As the humanity entered the 21st century, organisers of the world fair started bringing more attention to culture and art. The perception of the world is changing, we see science, culture and art as factors that unite people and free their minds, promoting innovations, awareness and creativity. The theme of EXPO Dubai 'Connecting Minds, Creating the Future' opened unlimited opportunities for the countries to demonstrate their creativity, which is now taking part on EXPO 2020 grounds with great intensity and will continue until 31 March 2022.

Information from JŪRA MOPE SEA.



Lithuania Co-create

SIX UNMISSABLE EXHIBITS SHOWCASING THE BEST OF LITHUANIAN INNOVATION

6

A PORTAL THAT INVITES THE WORLD TO CONNECT

The long months of the global pandemic have been isolating, but Lithuanians found a way to connect people across borders in real time. One of the centrepieces of the Lithuanian pavilion in Dubai is a reduced version of the pOrtal – a digital bridge that allows you to meet people face-to-face without leaving your hometown.

Developed by Lithuanian investor Benediktas Gylys and Vilnius Gediminas Technical University, the original pOrtal is a 11-ton concrete and steel ring that acts as a window to a far-away place. Connected to a twin installation in another city, the pOrtal's large screens broadcast live images that enable us to smile, wave, or blow a kiss to a stranger no matter how many kilometres away.

The first pOrtal, set up in May 2021, connects the Lithuanian capital Vilnius to the Polish city of Lublin. But the team behind the project is planning to build dozens of such installations across the globe, creating an international #pOrtal Cities Network and spreading the message of unity worldwide. The smaller scale copy of the pOrtal, on display in Dubai, will serve as a 'window to Lithuania' during the Expo's thematic weeks.

For the six months of the Expo, Openarium will present the best of science and innovation that Lithuania can offer to the world, helping to strengthen existing partnerships and establish new ones. Expo 2020 Dubai will welcome visitors until 31 March 2022. You can find the Lithuanian pavilion in the Expo's Sustainability district.



Culture Is the 'Perfect Weapon' Against Xenophobia and Other Prejudices Says Schinas, Vice President of the European Commission

DUBAI, 23 October 2021 – Culture has a unique role in battling ideologies and prejudices that foster hate and division, particularly in times of crisis and uncertainty, such as the pandemic, said Margaritis Schinas, Vice President of the European Commission, holding the Commission's portfolio for 'Promoting our European Way of Life', on Saturday.



'Culture, music, arts and solidarity inspire Europe – they contribute to our peace and harmony around the world. And this is something that we need now, more than ever before,' the European Commissioner said in his opening remarks at 'Global Harmonies: a panel discussion on music, arts and solidarity' – one of numerous events taking place across Expo 2020 Dubai as part of EU Honour Day.

He continued: 'Culture is the glue that keeps us together. And this is even more true in times of crisis and uncertainty. In these times, like the ones we've been through in the past 18 months... times that are inward-looking, nationalistic, often racist, and xenophobic, we have to fight against these pathologies. And culture is probably the perfect weapon to help us in this fight.'

Schinas, whose responsibilities include leading the Commission's efforts to maximise the potential of culture and sport, said cultural cooperation helps battle 'stereotypes, prejudices and hatred', while helping to nurture 'dialogue, mutual respect, understanding and openness.'

He added: 'The EU believes that bringing together the world's current and future creators, scientists, innovators and policy-makers will fertilise the intercultural understanding – and reinforce multilateral cooperation, which is necessary in a world that often sounds uncertain and unsafe.'

National Days and Honour Days at Expo 2020 are moments to celebrate each of the mega-event's 200-plus International Participants, shining a light on their culture and achievements, and showcasing their programming.



Lithuania Co-create

LITHUANIA AS THE PROMOTER OF CULTURE AND ART

AN OPEN SPACE FOR DISCOVERY AND CO-CREATION

Lithuania offers unique unconventional, contemporary and historical-cultural perspectives, creative partnerships and liberating spaces where new ideas come to life. We turn spectators into co-creators.

Lithuanian culture is dynamic, ever evolving, and full of experimental and collaborative projects in theatre, film, dance, music, design, illustration, and more. New globally relevant artistic ideas are born here every day.

You cannot really point to one or several areas of culture or arts as getting more attention in Lithuania or as traditionally receiving more promotion or support. Our culture is unique for its variety, quality and accessibility. Young people have a choice of professional instruction in a wide range of cultural areas from an early age, while members of the public have the luxury of enjoying any field of art or culture that is professionally performed or rendered in Lithuania. The new generation of artists from independent Lithuania is garnering international honours and awards in music, theatre and cinema, and turning the world's gaze towards Lithuania.

Lithuanian culture has a unique artistic language, influenced by specific historical factors. Consider the narratives of resistance and Aesopian language. A distinctive historical perspective conveying the country's unique experience inspires creativity.

NEW IDEAS

Lithuanian creators keep challenging the world with their bold and unconventional approach. Theatre, dance and visual arts speak of vital issues to the world, inviting for a global dialogue. Lithuanians were at the forefront of new art moments – Jonas Mekas was a pioneer of avant-garde cinema while Jurgis Mačiūnas (George Maciunas) started the Fluxus movement.

Fluxus encouraged many young artists in different parts of the world to experiment, to be free. Fluxus movement aims to provoke people not to submit to political and cultural routine, calling for spontaneity and a light-hearted take on even the most serious things instead.

Jonas Mekas, an American filmmaker, curator and artist of Lithuanian origins, is often referred to as 'the godfather of American avant-garde cinema', although he also has a second ▶





Remarks by Prime Minister of Lithuania Ingrida Šimonytė at Business Forum Opening Ceremony

22 October 2021, Al Wasl Plaza, Expo 2020 Dubai, UAE

Your Highness Vice-President, Ministers, Business Forum Participants, Guests, Ladies and Gentlemen,

Congratulations to the organisers of EXPO 2020! This impressive event brings together government representatives, business leaders, and accomplished researchers from all around the globe. It allows us to share our ideas, learn from each other, and explore ways to build a better and more sustainable future. My special thanks goes to the Lithuanian team EXPO 2020 and our business representatives, who have worked together to make today's event happen.

Today more than 100 Lithuanian business representatives from sectors as diverse as lasers, IT, life sciences, fintech, the food industry and others are present at this Forum. I wish today's B2B meetings to be plentiful and lead to new partnerships.

In recent years, Lithuania has consistently focused on high value-added sectors: 70 % of all investments go to IT, life sciences, and fintech. We are steadily making our way to become, by 2030, a life sciences hot spot in the region, with the life sciences sector generating 5 % of our GDP. One in ten of scientific lasers used in the entire world today are made in Lithuania. With the onset of the pandemic, Lithuania's biotechnology sector has started manufacturing ingredients for coronavirus vaccines. We have the scientific potential, entrepreneurship skills, and ambition to become one of the region's hubs in gene editing. Some of our achievements and potential can be seen here, at the Lithuanian Pavilion.

Lithuania's economy has been remarkably resilient during the COVID-19 pandemic. As the world economy contracted by 3.5 % in 2020, Lithuania's GDP decrease was very moderate during the pandemic and returned to growth in the second half of 2020. This year we expect Lithuania's economy to grow by 4,3%, and we expect a 4 % growth next year.

As a member of the euro area, Lithuania has maintained sufficient fiscal space to be able to provide liquidity assistance to





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identity as a Lithuanian poet, publicist and writer. He was against art that depicts dramatic, important events – he sought to show people in their everyday lives, reveal their feelings, exalt life's insignificant moments. His style is characterised by improvisational composition, with short cuts inserted during filming and editing.

The legacy of Jurgis Mačiūnas (George Maciunas) and Jonas Mekas consists of roughly 2,600 objects, constituting the third largest Fluxus collection in the world, after those at the Museum of Modern Art in New York and the Staatsgalerie Stuttgart in Germany.

RECOGNITION FOR UNIQUE CREATIONS

Lithuanian artists' unique work has been recognized internationally. In 2019, all eyes were on Lithuania. Lina Lapelytė, Vaiva Grainytė and Rugilė Barzdžiukaitė earned the Golden Lion, the contemporary art world's highest award, for their opera, introduced at the Venice Biennale 2019 as representing Lithuania. The piece calls to ponder on the topics of climate change, our bodily nature, ecology and consumerism.

The jury praised its experimental spirit, unexpected approach to national representation, creative use of the venue to present a Brechtian opera, and engagement with the city of Venice and its inhabitants. *Sun & Sea (Marina)* is a critique of leisure and life today, sung by performers and volunteers portraying everyday people.

CHAMPIONS OF QUALITY

High-quality events are in high demand in Lithuania: Vilnius International Film Festival Kino Pavasaris draws more than 120,000 attendees, while Vilnius Book Fair, being the largest in the Baltic States, attracts over 70,000 visitors each year. The fair's 20th edition was held in 2019. It lets book lovers not only see and buy publishers' newest releases, but also meet authors and take part in book launches. The fair's programme is packed with book presentations as well as panel discussions on political and geopolitical issues, as well as cultural and social change.

Meetings with well-known international writers are included on the agenda too.

The MO Museum, which has been a museum without walls for decades, today welcomes visitors at a building of exceptional architecture (designed by Libeskind) in the centre of Vilnius. ▶



support affected households when the pandemic hit. Alongside its efforts to fight the effects of the pandemic, my Government has set the goal of transforming Lithuania's economy by achieving faster growth in high value-added sectors.

The economic recovery offers more opportunities to build a modern economy by promoting future-oriented inclusive and green policies. Lithuania has been targeting investments and promoting the transition to renewable energy sources, introducing environmentally friendly and waste-reducing technologies. Wind, solar, and hydrogen technologies are on the rise. We bring science, business, and public sector together for a common goal: to properly prepare for green and innovative future. Humanity's achievements have brought the Moon and Mars within our reach, and the distances that separate us have become insignificant thanks to air travel and the Internet. Today we can take steps to connect minds and create a technology-based sustainable future that our economies and societies deserve.

With great talent in science and business, today's Lithuania can be a part of solutions in the wide range of fields – from life sciences and renewable energy to sustainable food production. I trust that the ideas brought forward in this forum and the bridges of cooperation built here will translate into projects that will benefit our countries and countries around the globe. I wish you all an inspiring and meaningful discussion today that responds to the challenges facing the world. ■



Creativity and Ambition Makes the Best Recipe to Ensure Long-Term Economic Growth

1 December this year marks the 50th anniversary since date of revocation of the treaty of protectorate with the United Kingdom, establishing the United Arab Emirates as an independent state.

In only 50 years the former poor territory in the Persian Gulf, referred to as the Pirate Coast, has grown into a prospering economy with astonishing architectural masterpieces and latest technology not only on land or in the maritime industry, but also in space.

We discussed the cooperation between Lithuania and the United Arab Emirates with Aušrinė ARMONAITĖ, Minister of the Economy and Innovation of the Republic of Lithuania.

'At the end of October, you visited Dubai, the United Arab Emirates, which currently hosts the World EXPO 2020, and have witnessed the marvels of the country's economic prosperity with your own eyes. In your opinion, where is the secret to their success? After all, the history of the UAE and Lithuanian statehood is only twenty years apart. Could Lithuania take at least a similar leap in twenty years?'

'Climatic conditions and natural resources play a rather important role in the UAE's economic development. The UAE is on the crossroad between Asia and Africa with trade routes crossing it since the ancient times. However, this country stands out in the region with its impressive investments into innovations and fast growth. This illustrates that achieving wealth from natural resources or small added-value exports is not enough – you can't stop or wait for some miraculous formula. Innovation, creativity and ambition are probably the best recipe to ensure long-term economic growth.'

'What are Lithuania's interests and goals in the UAE and the Middle East, North African and South Asian region?'

'We seek for an active and closer dialogue between these countries both in the traditional and high-tech sectors. Both Lithuania and the UAE see their future with technological progress and innovation, so we are particularly interested in developing cooperation in the fields of life sciences, lasers, biotechnology, information and financial technology, and R&D. Moreover, Lithuania is a perfect place for investment projects, and our entrepreneurs have exceptional offers for the UAE, which aims to become a global innovation leader.'





‘Which meetings and conversations in Dubai and Abu Dhabi would you regard as significant and promising to Lithuania?’

‘During the visit in the UAE, we introduced the local business representatives and authorities to Lithuania’s investment environment, discussing ways of promoting closer business dialogue between the two countries. There were many important meetings, such as with Abdulla Ahmed Al Saleh, Minister of Economy of the UAE, or Hussain Al Mahmoudi, CEO of Sharjah Innovation Park. The delegation of the Prime Minister also met with Sheikh Abdullah bin Zayed bin Sultan Al Nahyan, Minister of Foreign Affairs. Moreover, at the Lithuanian pavilion in Dubai, we met with Sungwook Moon, South Korean Minister of Trade, Industry and Energy, to discuss new economic cooperation opportunities between Lithuania and South Korea. The Lithuanian embassy that will soon open in South Korea will also include the office of the commercial attaché. We are looking forward to welcoming the Minister and South Korean entrepreneurs in Lithuania and demonstrating our potential in high-tech industry, financial technologies, biotechnologies and other fields.’

‘One of the top events in your schedule was the Lithuania and UAE business forum, organised for the occasion of EXPO 2020. How was it? Did you achieve your goals?’

‘Politicians taking part at events are very important in these lands. The purpose of these events is very clear – to support our businesses and help them open the gate into the market of this wealthy country. It was really delighting to see about fifty Lithuanian business companies visiting Dubai to make contacts with local businesses both in order to invest and sell their goods. Let’s hope these contacts will develop into success stories in some time.

We have also already agreed to organise Lithuanian and UAE startup exchange with our and their startups coming to each other’s countries and taking part in the ecosystem. This is a good start and we hope for substantial results for the Lithuanian economy.

We will keep going on business missions abroad to increase Lithuania’s revenue and establish us in all kinds of markets all over the world.’

‘What could be the further business cooperation prospects between the two countries? What Lithuanian products and services are interesting to the UAE? What are the goals of the Lithuanian businesses in the Emirates?’

‘Our goal is to broaden Lithuania’s export opportunities and attract UAE investments to our country. Settling in the UAE market would open new prospects in other Persian Gulf and North African countries. Lithuanian life science companies are ready to offer unique products in the fields of genetic medicine and health care production, based on the UAE market needs.

The most promising sectors in terms of exporting Lithuanian products to the UAE include food, textiles and clothing, also basic metal production,

The UAE is Lithuania’s second-largest partner in the Persian Gulf in terms of the scale of trade. In 2020, the trade turnover between Lithuania and the UAE was 58 million euro. The UAE’s direct investments in Lithuania amounted to 119 million euro.’

‘Thank you for the conversation.’

Interviewed by Zita Tallat-Kelpšaitė

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Established in 2018, the museum offers exhibitions, film screenings, lectures and educational projects. It has been successful in its mission of bringing art closer to people and more people closer to art. MO has broken all attendance records and become the favourite leisure destination for Vilnius residents and tourists. In 2021, MO Museum has been awarded as the most welcoming and friendly museum in Europe in 2020.

WOMEN AT THE FOREFRONT OF CLASSICAL MUSIC

In classical music, Lithuanian women are continually in the spotlight. In recent years, the world has gazed attentively on Asmik Grigorian (‘the world’s best female opera soloist’), Mirga Gražinytė-Tyla (‘the world’s best female conductor’), and Žibuoklė Martinaitytė (‘female composer of the year’ and a Guggenheim Fellowship recipient).

Asmik Grigorian is a Lithuanian opera soloist, who was born in Lithuania and studied at the Lithuanian Academy of Music and Theatre. She is a founding member of Vilnius City Opera and a twice recipient of the Golden Cross of the Stage, the highest theatre award in Lithuania. Grigorian was recognized at the International Opera Awards in 2016 as the best young female singer, and, in 2019, as the female opera soloist of the year. That same year, the Austrian Music Theatre Awards honoured her for the best leading role for her performance in the opera *Salome* at the Salzburg Festival. She continues her soloist career on prestigious world stages – in Vienna, Paris and Madrid.

Mirga Gražinytė-Tyla is a conductor and music director of the Salzburg State Theatre (Salzburger Landestheater) and the City of Birmingham Symphony Orchestra. In 2019, the classical music portal Classic FM named her the world’s best female conductor.

She is also a recipient of the Lithuanian National Prize for Culture and Arts.

Mirga Gražinytė-Tyla is acclaimed for her musicality and ability to unlock the hidden depths of musical works.

Žibuoklė Martinaitytė is a New York-based Lithuanian composer. In 2020, she was awarded with a Guggenheim Fellowship. Her album *In Search of Lost Beauty...* received two gold medals at the Global Music Awards – for best composer and best album.

She is also a recipient of the Lithuanian National Prize for Culture and Arts.

Based on the Strategy of Positioning Lithuania Abroad 2020–2030

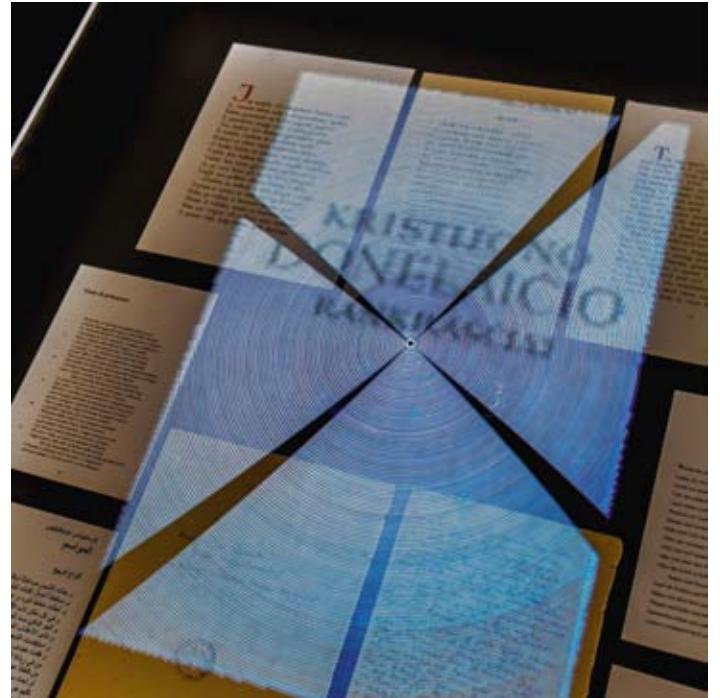


روماس يانكوسكاس، المستشار العام للوفد الليتواني في معرض إيكسبو ٢٠٢٠ ألح بسروره لقيام هذا المعرض و بمشاركة ليتوانيا فيه رغم التحديات العالمية حيث أن ليتوانيا قدمت للعالم روحها المعاصر و المفتوح للأفكار الإختراعات و الإكتشافات الجديدة. ليتوانيا طورت خبرتها في ميدان التطور المستدام كما وضح مبنى معرضها و المعارضات الموجودة فيه اللتي تمثل عمل العلماء و الفنانين الليتوانيين و كذلك الشركات الوطنية العاملة في مختلف الميادين. ليتوانيا ترحب الزوار في معرضها و تتمنى أن تمنح تجربة وحيدة للجميع.

- البطاريات الشمسية اللتي تشغل المعرض و اللتي معترف بها كأحسن من نوعها في العالم. و هي من صنع ليتواني.

- المأكولات المطبوعة عن طريق مطبعة الأبعاد الثلاثة و هي أول تجربة عالمية في هذا الميدان. يمكن تناول هذه المأكولات في المعرض.

- أول عملة حسابية مجتمعية في العالم و هي تشير على تقدم التكنولوجيا المالية الحسابية في ليتوانيا.
- شاشة البورتال المصممة في ليتوانيا و اللتي تسمح برؤية مدن أخرى و الإتصال مع سكانها عن بعد.





أفكار جديدة وشجاعة تستمر منذ عصر الرواد الليتوانيين يونس ميكاس الذي يعتبر كأب السينما التجريبي العالمي و كذلك جورج ماسوناس الذي أنشأ حركة فلوكسوس الفنية.

أعمال الفنانين الليتوانيين فازت باعتراف عالمي و هذا بارز خاصتنا في مجالات الأوبرا و الموسيقى الكلاسيكية.

ليتوانيا مركز إقليمي معروف تقام فيه مهرجانات سينمائية و معارض كتب و هي بلد غني بمتاحفه.

ليتوانيا كذلك معروفة كمكان تصوير أفلام عالمية. ليتوانيا نافذة مفتوحة لجميع فناني العالم.

سنة معروضات يجب رؤيتها في المعرض الليتواني:

- نموذج دقيق لبرج خليفة مصغر ٨٣٠٠٠ مرة ليصل حجمه ١,٥ سنتيمتر باستعمال تكنولوجيا ليزر ليتوانية.

- أسرار الأحماض النووية حيث أن العلماء الليتوانيون يعملون على تطوير تكنولوجيا مقص الأحماض الأمينية يسمح بعلاج مختلف الأمراض و يمكن حتى تسجيل تحيات زوار المعرض عليها حيث من الممكن لها أن تحمل كميات هائلة من المعلومات.

"نحن نرى إمكانيات لتوسيع تعاملنا في الميادين السياسية، الاقتصادية، العلمية، الثقافية و السياحية" قالت الوزيرة.

ليتوانيا مفتوحة للتعامل و أقامت معرضها في مبنى يوحد الهندسة و الحلول المعاصرة مع تقاليد البلد و موادها الطبيعية. من المعروضات المقدمة أصغر نموذج في العالم لبرج خليفة مصنوع باستعمال

تكنولوجيا ليزر ليتوانية، كذلك تعرض روائع فنية بشكل أزهار الصحراء مصنوعة من الزجاج بجانب كهربان برزخ فيرش. مكتبة ليتوانيا الوطنية تقدم للمعرض عمل رائد الشعر الليتواني كريستوناس دونيبلايتيس "المواسم" مترجم إلى عدة لغات منها العربية.

بإمكان الزوار شراء هدايا تذكيرية و تناول وجبات تقليدية ليتوانية. الفنانون الليتوانيون قدموا أعمالهم باستعراض فني وحد الأوبرا الكلاسيكية مع عمل رائد الموسيقى الإلكترونية الليتواني المعروف باسم الشهرة "تين والز".

ليتوانيا مفتوحة للعالم كمجال تعاون واكتشاف حيث أن الفنون تبني جسور بين الثقافات المختلفة.







ليتوانيا تقدم أعمال عظيمة في معرض إيكسبو ٢٠٢٠ في دبي

بداية يوم ليتوانيا الوطني في مجال الأمم لإيكسبو ٢٠٢٠
في دبي



"إيكسبو ٢٠٢٠ مجال للتعاون، يحرص على التبادل بالأفكار، تطوير التعاون الجديد و البحث عن حلول جديدة للتحديات العالمية، نحن هنا لتقوية و توسيع تعاوننا، تقديم حلول جديدة للمشاكل العالمية" قالت شيمونيتي و دعت لزيارة المعرض الليتواني الذي صمم حسب استراتيجية تقديم البلد في الخارج "ليتوانيا للعمل مع بعض".

"أنا متشرف بمشاركتي في يوم ليتوانيا الوطني و بتحيةة كلكم" قال الشيخ النهيان بن مبارك النهيان، وزير التسامح و التعايش الإماراتي و المستشار العام لإيكسبو ٢٠٢٠ في دبي.

جاءت زيارة الشيخ محمد بن رشيد المكتوم، نائب رئيس و رئيس وزراء الإمارات العربية المتحدة، حاكم دبي للمعرض الليتواني كمفاجئة غير مخطط لها في برنامج الوفد الليتواني، الذي رثى ذلك كرمز انتباه و احترام لليتوانيا و قيادتها. رئيسة وزراء ليتوانيا التقت أيضا مع وزير خارجية و التنظيم الدولي الإماراتي الشيخ عبد الله بن زايد النهيان و غيره من الموظفين السامين و فتحت ديوان أعمال ليتواني إيماراتي.

مسيرة ذات الألوان العديدة تتجه نحو مبنى الوصل المدهش، في مقدمتها أعلام ليتوانيا و الإمارات العربية المتحدة و تجمع العديد من الحاملين لأعلام ليتوانية صغيرة - هكذا بدأ اليوم الوطني الليتواني في المعرض العالمي إيكسبو ٢٠٢٠ في دبي يوم ٢٢ أكتوبر ٢٠٢١. يومية الوطني العربية أخبرت أن مجال مدينة المعرض لونت ببحر من الألوان الصفراء، الخضراء و الحمراء.

ذلك البحر الذي وصلت أمواجه حتى ضريح الوصل توقف باحترام في مجال الأمم عند عزف الأناشيد الوطنية الليتوانية و الإماراتية و رفع رايتي هاتين الدولتين.

رئيسة وزراء ليتوانيا إينجريد شيمونيتي أعطت خطبة بمناسبة بداية يوم ليتوانيا الوطني، وضحت فيها أن كل العالم يتلقى تحديات -من التغير المناخي و الأزمات الاقتصادية إلى الجائحة - لكن الحلول الملموسة تأتي فقط عند العمل مع بعض.



نائب رئيس المفوضية الأوروبية: للثقافة دور محوري في تحقيق التواصل بين البشر

دبي، 23 أكتوبر 2021- قال نائب رئيس المفوضية الأوروبية مارغاريتيس سكيناس، اليوم، إن أوروبا "تؤمن بتحقيق التواصل" بين الناس طريقاً لحل مشاكل البشرية، مؤكداً على أهمية الدور الذي تلعبه الثقافة في إنشاء جسور تواصل بين البشر.



ودعا سكيناس لمكافحة ظواهر عرفها العالم أكثر من أي وقت مضى خلال الأشهر الثمانية عشرة الماضية، وخص منها النزعات القومية والعنصرية وكرهية الأجانب، معتبراً الثقافة "سلاحاً مثالياً لمساعدتنا في هذه المعركة".

وشدد سكيناس: "اجتمعنا هنا، ونحن من ثقافات ودول وتقاليد مختلفة، لنحتفي بالموسيقى وبالفنون بعد الجائحة دلالة أمل قوية على مستقبل أفضل".

وأشار المسؤول الأوروبي إلى برنامج (أفق أوروبا) الذي يضم تحته العديد من المبادرات التي تتيح لرواد الثقافة الصغار الفرص للتواصل.

وقال: "نؤمن بأن اجتماعنا سيساعد على تعزيز الفهم الثقافي المشترك، وهو أمر ضروري في عالم فيه الكثير من الغموض".

جاء ذلك خلال محاضرة نائب رئيس المفوضية الأوروبية مارغاريتيس سكيناس، في إكسبو 2020 دبي، حول "التناغم العالمي ودور الموسيقى والفنون والتضامن"، والتي شهدت اهتماماً واسعاً من الحضور.

وقال سكيناس، وهو المسؤول عن الترويج لأسلوب الحياة الأوروبي: "للثقافة دور محوري في إنشاء هذه الصلات وتعزيزها. الثقافة هي اللاصق الذي يبقينا معاً، خاصة في هذه الأوقات الصعبة التي تحفها الأزمات ويلفها عدم اليقين".

وأضاف: "لقد أظهرت الجائحة الصحية أن التداخل بيننا كبير وأن اعتمادنا على بعضنا البعض أيضاً كبير، وأننا نرى الشراكات الدولية كجسر للمستقبل في حقبة ما بعد الجائحة".



تأشيرة الستارت أب

القيام بالأعمال – سهل

ليتوانيا مفتوحة لشركات الستارت أب التي تريد أن تعمل فيها. ليتوانيا تحاول جذب المواهب و الإستثمارات و بهذا الهدف فتحت برنامج تأشيرة الستارت أب حيث تسهل ظروف الهجرة و تسمح لأصحاب شركات الستارت أب من غير الإتحاد الأوروبي القدوم إلى ليتوانيا لتطویر شركاتهم باستخدام الإمكانيات المحلية و بيئة الستارت أب المتطورة.

الناس ذوي أفكار أعمال جديدة و معقولة، يمكنهم التحصل على إقامة مؤقتة في البلد و مجال لتطبيق أفكارهم.

ليتوانيا باب إلى أوروبا و برنامج تأشيرة ستارت أب الليتوانية صارت إختيار لتنمية أكثر من ستين شركة.

الإستثمار في ليتوانيا

الإستثمار الدولي المباشر ينظم من طرف معهد "إستثمر في ليتوانيا" الذي يجهد و يعمل لنجاح ليتوانيا كبلد ملائم لجذب الإستثمارات. قبل تقديم أفكارهم للعالم، يمكن للمستثمرين الرواد تحت رعاية معاهد الدولة أن يجربوها في ظروف حقيقية في ليتوانيا. للبلد مجال تجريبي للتجديدات في قطاعات المال، التكنولوجيا، الطاقة و النقل.

الطرق البيروقراطية في ليتوانيا و القرارات تتخذ في وقت أسرع بالمقارنة مع الأماكن الأخرى. باستعمال التوقيع الإلكتروني يمكن فتح شركة في ٢٤ ساعة، دفع الضرائب سهل و أسعار الإيجار العملي منخفضة بالمقارنة مع باقي أوروبا. لبيئتها السطحية، ليتوانيا أصبحت أول إختيار لمستثمري الخارج: الإنترنت اللاسلكي هنا من الأسرع في العالم و ٨٥٪ من الإختصاصيين يحسنون اللغة الإنجليزية و تحضر المعاهد و الجامعات أكثر من ٢٠٠٠ إختصاصي فيميدان التكنولوجيا الإعلامية سنويا. حسب معلومات البنك العالمي، ليتوانيا توجد في الرتبة ١١ لدول العالم بأحسن ظروف أعمال.

في السنوات الأخيرة، ولدت في ليتوانيا شركات صارت ناجحة في كل العالم: فينتد، ترافي، تيسونيت، بورد باندا، سيتي بي، بروليس، ترانسفر جو و بايسيرا. كذلك فإن الإستثمارات الكبيرة تثبت أن البلد أمين للأعمال، هنا تعمل شركات دانسكي، ناسداق، كونتنتال، هولستر، هيللا، ثرموفيشر ساينتييفيك و غيرها من الشركات الدولية الكبيرة.

محضر حسب إستراتيجية تقديم ليتوانيا للخارج للسنوات ٢٠٢٠ - ٢٠٣٠





ليتوانيا تسعى أن تكون جذابة للمستثمرين. حديثاً، هذا البلد جذب شركات مثل "هيو" و "هوليسير أند كونتيننتال".

إذا كان من الممكن مقارنة البلدان الكبيرة مع الشركات الدولية فليتوانيا أشبه بشركة ستارت أب حيوية. هنا الطريق من الفكرة إلى تطبيقها أقصر.

لمجال الأعمال الخاص، مواهب مستوى عالمي و بيئة النمو، ليتوانيا تشكل مجال تجريبي جيد جداً للتجديدات، لحل مشاكل مستوى عالمي و اتخاذ قرارات مهمة.

هذا مكان تولد فيه قرارات مستوى عالمي التي تغير حياة الناس هنا و في كل العالم.

بتناسقها السريع مع العالم المتغير، أصبحت ليتوانيا ساحة رائعة للتكنولوجيات المالية، علوم الحياة، التكنولوجيات الحاسوبية و لتطويرها. الشركات العالمية في مختلف القطاعات تأتي إلى هنا للبحث عن أجوبة الغد، و شركات الستارت أب الليتوانية تعمل بنجاح مع عمالقة مثل الناسا و سبايس أكس.

العلم في ليتوانيا يتميز باتجاهه نحو قطاع الأعمال، لذا ولدت هنا أدوات الكريسبر لتغيير الجينات و أقوى أجهزة الليزر العلمية في العالم. للنظرة الإيجابية للتجديدات و مساندة الدولة، الأفكار تجد مكاناً لها هنا. أساس النجاح هو التعاون. قطاع الأعمال، الجامعات و القطاع العام يعملون مع بعض للتوصل إلى حلول و قرارات حيوية. ▶

الليزرات الليتوانية تساعد على حل مشاكل في ميادين الصحة و العلم

ليتوانيا تستطيع بسهولة أن تسمى نفسها بلد أشعة الليزر. خبرتنا في هذا الميدان تساعدنا على وجود حلول في ميادين الطب، العلم و الصناعة في كل العالم. قطاع أشعة الليزر الليتواني يمثل اليوم أكثر من نصف السوق العالمية لليزرات ذوي الأمواج القصيرة، و الليزرات الليتوانية تستعمل من طرف ناسا و معهد سيرن و شركات معروفة في كل العالم مثل آي بي أم، هيتاشي، طويوتا و ميتسوبيشي و ٩٠٪ من أحسن جامعات العالم تستعمل أجهزة الليزر الليتوانية.

بيئة تجددات نامية

بيئة الستارت أب في ليتوانيا - إحدى الأكثر نشاطاً في أوروبا.

أقوى قطاعاتها - القطاع المالي، التكنولوجيات الإعلامية، علوم الحياة و الألعاب. ليتوانيا في الرتبة الأولى في أوروبا حسب عدد شركات التكنولوجيات المالية المسجلة فيها، لقد ذكرنا نجاح قطاع الليزر و قطاع علوم الحياة التي توج بجائزة "كافلي".

قاعدة مفتوحة للتجديدات

قوانين و بيئة عمل جذابة، حكومة تستجيب إلى احتياجات المستثمرين خالفتنا ظروف جيدة لنجاح التجديدات.



علوم الحياة

كل الحكومات الليتوانية السابقة و الحاضرة تجمع بأن مستقبل ليتوانيا يوجد في علوم الحياة. ليتوانيا ترفع التحدي لتصبح رائدة علوم الحياة في المنطقة و تخلق ٥٪ من منتوجها الداخلي عن طريق هذا الميدان. صناديق الإتحاد الأوروبي وفرت ٦٧٨٠٩ مليون يورو للبحث و التنمية، استثمر ٤٠٠ مليون منها في البيئة التحتية المخصصة لعلوم الحياة. هذا الميدان يرى نمو سنوي يقدر ب ٢٢٪ و يعمل فيه حوالي ٥٠٠٠ شخص و يشارك أكثر من ١٥٠٠٠ باحث في المشاريع العلمية لهذا القطاع. في السنوات الأخيرة، علوم الحياة كانت تمثل ٢٪ من المنتوج الداخلي للبلد و هذه النسبة ٦ مرات أعلى من معدل الإتحاد الأوروبي. فيلنيوس توفر كل شئ لازم لازدهار علوم الحياة: في العاصمة مركز مستوى عالمي لعلوم الحياة، و في هذا المركز أحسن علماء القطاع يستعملون كل البيئة التحتية اللازمة لعملهم.

سنة ٢٠٢٠ مركز علوم الحياة لجامعة فيلنيوس أصبح مقر معهد المبحث الأوروبي للبيولوجيا الخلوية، حيث تتم تنمية تكنولوجيايات تغيير الجينات. هدف هذا المبحث هو جلب باحثين عالميين في هذا التخصص.

نجاحات العلماء الشباب

طلاب جامعة فيلنيوس يبحثون على حلول لتحديات عالمية. سنة ٢٠٢٠ أقيمت في بوستون مسابقة دولية لآليات جينية مغيرة و فاز فريق جامعة فيلنيوس بالميدالية الذهبية في هذه المسابقة و اعترف بها كفريق متفوق حتى في أربعة من أبواب المسابقة. مشروع "كولايت" للطلاب قدم ميدان سريع التطور: الوراثة البصرية.

الطلاب يعملون كذلك على مشروع آخر، حيث الطموحات تتركز على تصميم جهاز يسمح بترجمة أصوات حيوانات الفقرة و كلب البحر و بذلك فهم تعاملاتها و طريقة إستعابها للبيئة المحيطة بها.

قرارات تكنولوجيايات مالية عالمية

في الماضي القريب، كانت تعرف ليتوانيا كبلد كرة السلة، أما الآن فهي تذكر في الكثير من الأحيان كعاصمة أوروبية (أو حتى عالمية) للتكنولوجيايات المالية. تمت تغيرات خريطة أوروبا للتكنولوجيايات المالية بسرعة فائقة، لكنها لم تكن عشوائية. السبب الرئيسي للنجاح هي جهود المعاهد الحكومية و بنك ليتوانيا المستمرة. سنة ٢٠١٧ كانت تعمل في ليتوانيا ١١٧ شركة ستارت أب مالية و في ٢٠٢٠، ارتفع هذا الرقم إلى ٢٣٠. الكثير من الشركات اختارت ليتوانيا بسبب القوانين المناسبة، البيئة التحتية الجيدة و الإختصاصيين الموهوبين.



Lithuania

Co-create

نجوم العلم

إكتشافات العلماء الليتوانيين قدمت تغييرات إيجابية لحياة الناس في كل العالم عالم ليتواني، أستاذ جامعة فيلنيوس فيرجينيوس شيكشنيس قام باكتشاف هام في ميدان الهندسة الوراثية و هذا سيسمح بإنقاذ الملايين من الأرواح عالمياً. لقب الأستاذ شيكشناس مربوط بأدات تحويل الجينات الثورية الذي يمكن تغيير الحمض النووي الحيوانات، النباتات و الأحياء ذوي الخلية الواحدة. تكنولوجيا تغيير الوراثة هذه سوف تستعمل لآخر العلاجات لمرض السرطان. الأستاذ شيكشنيس هو أول باحث عمل هذا الإكتشاف.

بعد اكتشافه "لمقص الجينات" هذا، سنة ٢٠١٨، تسلم الأستاذ شيكشنيس جائزة "وارين ألبرت" لجامعة هارفارد، و في سنة ٢٠٢٠، تسلم جائزة "كافلي" مع الفائزين بجائزة نوبل في علم الكيمياء. سنة ٢٠١٧، فاز جائزة "نوفوزينيس" المقدمة من طرف صندوق "نوفو نورديسك" الدانماركي.

بشرف نجاح الأستاذ، أسس راتب للطلاب باسمه. تعهدت مدينة فيلنيوس أن تنفق على ذلك على الأقل ١٠٠٠٠ يورو سنوياً لمدة خمسة سنوات.

الأستاذ فلاداس ألجيرداس بوميليس أعطى لليتوانيا و العالم ٣٢ إكتشاف و اختراع مهم في تنميته لصناعة المنتجات الصيدلانية في ميدان الهندسة الوراثية. أورتي نانيشكيتي تدرس وراثة شبكة الدماغ. ميدان اهتمامها هو تكون دماغنا، الذي له علاقة بالتطور العصبي و الأمراض العصبية و العقلية مثل الأوتية و ازدواج الشخصية و الرعاش الليلي. سنة ٢٠١٩، أدخل صندوق "لوربال" و اليونيسكو الأستاذة نانيشكيتي في قائمة العالمات النساء الخمسة عشر الأكثر أهمية. قبل ذلك، كانت قد فازت بجائزة "لوربال يونيسكو" للنساء العالمات.





وتحضر ليتوانيا، بوصفها اقتصاداً تقنياً ناشئاً، تقدماً في شتى المجالات، بدءاً من أجهزة الليزر، وصولاً إلى علوم الحياة. وتقدم الدولة في جناحها عرض "ليتوانيا الخفية" الذي يعتبر محطة رئيسية داخل الجناح، وهو جولة رقمية عالية التقنية عن جمال طبيعة الدولة البكر. ويمكن أيضاً للزوار تذوق أطباق ليتوانية داخل المطعم والإطلاع على المصنوعات اليدوية الأصلية في متجر التذكارات.

وتحت لوحة من الأضواء تنير سماء موقع إكسبو 2020 ليلاً، أقامت ليتوانيا حفلاً موسيقياً طيلة ثلاث ساعات في منصة اليوبيل، ضم مزيجاً من الأوبرا الكلاسيكية والمعاصرة، والموسيقى الإلكترونية. وكان موسيقو جاز ليتوانيون قد قدموا عرضاً حياً على منصة الأرض الكائنة في منطقة الاستدامة بإكسبو 2020، فيما أقامت ليتوانيا أيضاً منتدى ليتوانيا للأعمال في مدرج تيزا - جناح الاستدامة. وتمثل الأيام الوطنية والفخرية في إكسبو 2020 دبي مناسبات للاحتفال بالمشاركين الدوليين البالغ عددهم أكثر من 200 مشارك، إذ تلقي الضوء على ثقافات الجهات المشاركة وإنجازاتها، وتستعرض أجنحتها وبرامج فعاليتها. ويضم كل يوم من هذه الأيام مراسم رفع العلم على منصة الأمم الكائنة في ساحة الوصل، يليها إلقاء خطابات وتقديم عروض ثقافية.

ويُقام إكسبو 2020 حتى 31 مارس 2022، ويدعو الزوار من جميع أنحاء العالم لنصنع معاً عالماً جديداً، في ستة أشهر من الإبداع البشري، والابتكار، والتقدم، والثقافة.

وأضافت: "إلى جانب طرحه لفضايا عالمية ملحة مثل التغيير المناخي، يعد إكسبو 2020 بمثابة فرصة للتعرف إلى ثقافات مختلفة ووسيلة تقارب يلتقي من خلالها الأشخاص متنوعو الاهتمامات والأعمار. لقد حرصنا في جناحنا على إيصال رسالة حول الاستدامة وأهمية التعامل مع هذه المسألة بشكل منفتح ومرن، ونركز على الموارد الطبيعية كما نسلط الضوء على أحدث التقنيات المبتكرة في ليتوانيا".

ويُطلق على جناح ليتوانيا اسم "أوبرانيوم"، ويقع في منطقة الاستدامة، حيث يجسد الجناح، تحت شعار "التكافل المستدام"، رؤية منفتحة على الإبداع، والممارسات المستدامة، والأعمال، والحداثة، وهو يعبر لزواره، عبر تصميمه المعماري الفريد المُصمم بواسطة عناصر ذات تأثير عاطفي، عن الأجزاء الأساسية لهوية الدولة، مثل الود، واللطف، والطبيعة، والراحة.



ليتوانيا تحتفل بيومها الوطني في إكسبو 2020 دبي

دبي، 22 أكتوبر 2021 – احتفلت ليتوانيا، اليوم، بيومها الوطني على منصة اليوبيل في موقع إكسبو 2020 دبي، حيث قدمت مجموعة من الأنشطة الثقافية والترفيهية بهذه المناسبة، تضمنت موسيقى الجاز، والأوبرا، والموسيقى الشعبية اللتوانية.

ورحب معالي الشيخ نهيان بن مبارك آل نهيان، وزير التسامح والتعايش، المفوض العام لإكسبو 2020 دبي برئاسة وزراء ليتوانيا إنغريدا سيمونتي خلال مراسم رفع العلم التي أقيمت على منصة الأمم الكائنة في ساحة الوصل، مشيداً بالإنجازات المتنوعة التي تحققتها دولة ليتوانيا.

وقال معالي الشيخ نهيان بن مبارك آل نهيان: "نعرب عن إعجابنا بما يستعرضه جناح ليتوانيا في إكسبو 2020 دبي من نجاح الدولة بصفتها دولة عصرية، مركزاً على الإنجازات التي تحققتها في مجالات الطاقة الشمسية، وتقنية المعلومات، والتقنية المالية، وعلوم الحياة، وتقنية الليزر".



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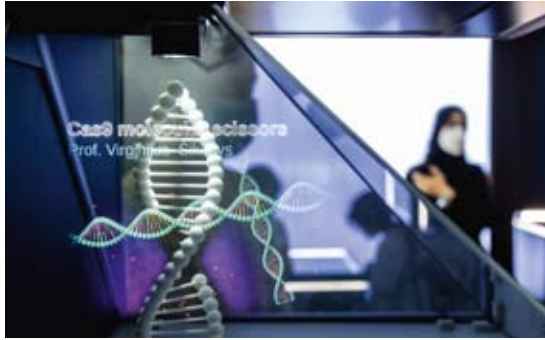
وأضاف: "بواسطة إكسبو 2020، نأمل بالبناء على الشراكات القائمة بين ليتوانيا ودولة الإمارات.. علاقاتنا المتطورة ستزدهر أكثر في المستقبل القريب، إذ نبحث تعزيز التعاون في مجالات أخرى مختلفة ذات الاهتمام المشترك".

وقالت رئيسة وزراء ليتوانيا إنغريدا سيمونتي: "أود أن أشكر حكومة الإمارات على حسن الضيافة وتنظيمها لهذا الحدث الدولي الذي يتيح لنا الفرصة لمشاركة الأفكار والحلول، لا سيما بعد الانقطاع الذي شهده العالم بسبب جائحة كوفيد-19، ونتطلع إلى توطيد العلاقات بين البلدين وتبادل خبراتنا واستكشاف فرص التعاون خاصة أن لدينا اهتمام مشترك بالعديد من القضايا، مثل الأمن الغذائي، واستخدام الهيدروجين كمصدر للطاقة النظيفة".





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قدمت تغيرات إيجابية لحياة الناس
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