



VF

2ND SERIES: FUTURE FARMING TECHNIQUES 2022

16th & 17th March (8:00 AM EST)

www.databridgemarketresearch.com/digital-conferences

Hosted by:

Databridgemarketresearch



The background of the entire page is a photograph of a man in a white lab coat and glasses, working in a vertical farm. He is holding a tablet and tending to plants growing in a red tray. The scene is illuminated with purple and blue light, creating a futuristic atmosphere. The image is overlaid with a white geometric pattern of intersecting lines forming diamond shapes.

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Together let's work towards finding the finest technologies and solutions in the field of farming to build a sustainable future with innovation.

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ABSTRACT

Advancements in farming techniques and machinery have inflated the speed, scale, and productivity of farm equipment, leading to efficient land cultivation. Future agriculture utilizes sophisticated technologies, such as robots, temperature & moisture sensors, aerial images, and GPS technology. These precision agriculture techniques and advanced systems could further increase yields, build sustainability and resilience across crop cultivation, and enhance the efficiency of water and other inputs.

Efficient machinery and genome editing could deliver the next productivity leap

Only about one-quarter of farms currently use connected equipment or devices to access data in the U.S., a pioneer country in connectivity. The success and sustainability of the world depend on technology transformation, and those that embrace it at the outset stand a higher chance of thriving in agriculture's connectivity-driven future.

Indoor Farming

Vertical farming is conceptualized as developing or creating crops/plants in upward stacked layers. The modern cultivation method has limited land and water requirements, no real dependency on the weather, and is pesticide-free. The scientific approach of these cultivating techniques makes them promising for a sustainable future as they require 95% less water, less space, and no soil compared to other farming methods.

Vertical Farming

DBMR Research shows that the global hydroponics market is expected to reach \$17.9 billion by 2026. The hydroponics market is projected to grow at a compound annual growth rate of 13.53% from 2020 to 2027. Hydroponics is the cultivation of plants in water using mineral nutrient solutions without soil. The technique has proven direct exposure to nutrient-filled water, making it a more practical and versatile growth method than traditional irrigation.

Smart Farming

The management concept is primarily focused on providing the agricultural industry with the infrastructure to leverage advanced technologies, including big data, Internet of Things (IoT), artificial intelligence, analytics, connected sensors, and other emerging technologies to improve the observation and care of crops. These new technologies enhance decision-making, enabling variability and risk management to optimize yields and boost economics. They can improve the well-being of livestock, addressing the rising concerns over animal welfare if deployed in animal husbandry.

Genome Editing

Gene editing refers to a method of selective breeding, allowing genetic material to be added, removed, or altered at particular locations in the genome. The technology can be deployed to eradicate undesirable genes in crops, such as the genes responsible for browning in mushrooms. The plants can be engineered to resist threats such as insects or diseases and preserve the shelf life of foods in numerous ways.

Crop Breeding

Farmers bred crops and animals to draw out traits to produce more wholesome and sustainable. This rapidly advancing science uses genetic and biotechnological innovations to develop better crop varieties. Techniques such as marker-assisted selection assist plant breeders in quickly choosing plants with desirable traits.



Event Detail

The world's population is on its way to reaching 9.7 billion by 2050; simultaneously, the supply side faces constraints in land and farming inputs. The next wave of innovations in agriculture is required to ensure the right balance between producing more food and sustaining the planet. Indoor vegetable cultivating is highly beneficial to the customary agribusiness. It allows minute control over environmental conditions such as temperature and pH balance and maximizes exposure to nutrients and water. A vertically farmed acre can produce food three times faster than any traditional farming. Undoubtedly, we can presume that indoor cultivating is the eventual fate of the country.

The conference's main objective is to get a deep knowledge about farming techniques, technology, various scientific research and methods such as genome editing working in the growth of the agriculture sector, impact of plant and crop growers in the agricultural market, and influence of medicinal plants in the current scenario. Precision Indoor Farming can replicate the heat and light of the sun by using LED lights, 70% of water can be conserved due to the design, and the crop production is more significant owing to the use of specified mixtures of nutrients.

The world population has tripled in the last 70 years, and that's a rate of increase that is likely to get faster. Agriculture must embrace a transformation consisting of these advanced farming techniques and solutions to address world hunger. Industrial buyers' product quality is a significant concern in pharmaceutical crop applications. The controlled environment production offers additional control over growing conditions and reduces the risk of unwanted escape of bio-crops into the environment.

The conference aims to enhance the knowledge about future farming techniques and solutions for Year-Round Crop Production. The water supply is projected to fall 40% short of meeting global water needs by 2030, and rising nutrient costs will pressure profit margins. About one-quarter of arable land is degraded and needs significant restoration to sustain crops at scale. Vertical cultivating permits us to grow crops using 70% to 95% less water than typical farming and provides specific nutrients. Agriculture remains less digitized compared to other industries. The conference reflects on sophisticated digital tools, efficient machinery, and genetics needed to help farmers use resources more efficiently and sustainably. We will discuss the profitable opportunities and integration of advanced technologies including, crop monitoring, equipment management, agrobots, smart sensors and big data, and autonomous farming machinery.

The conference features short talks, breakout sessions, and a farmers' focus on emerging agriculture technologies. The speakers will share their experiences, developments, new techniques, and challenges throughout the event. The topic will cover a wide array of future farming methods, including smart farming, genome editing, crop breeding, and many more. There will be 15+ speakers, 10+ hours, 15+ sessions, and 200+ delegates. Organizations can put forward their expertise, connect with business leaders worldwide, and meet with government entities. The virtual discussion will highlight strategic market growth analysis, trend analysis, application niches and dominance, geographic expansions, and product launches, among others.

Join us for an enriching knowledge fest, and explore future farming techniques with industry experts



Key

Reasons to attend

- ❖ 200+ Attendees from across the globe
- ❖ Start-up pitches
- ❖ One –One Networking Opportunity
- ❖ Panel Discussion
- ❖ Exhibitors Booth (Exhibit your organization's expertise)
- ❖ Build Partnerships & Source Vendors
- ❖ E-Connect with Global Business Leaders
- ❖ Industry & Revenue-generating Examples of Transformation
- ❖ Expansion and Fundraising Opportunities for Start-ups
- ❖ Get Insights, Trends, Analysis
- ❖ Find Various Technologies and Solutions
- ❖ Meet Government Entities

Who

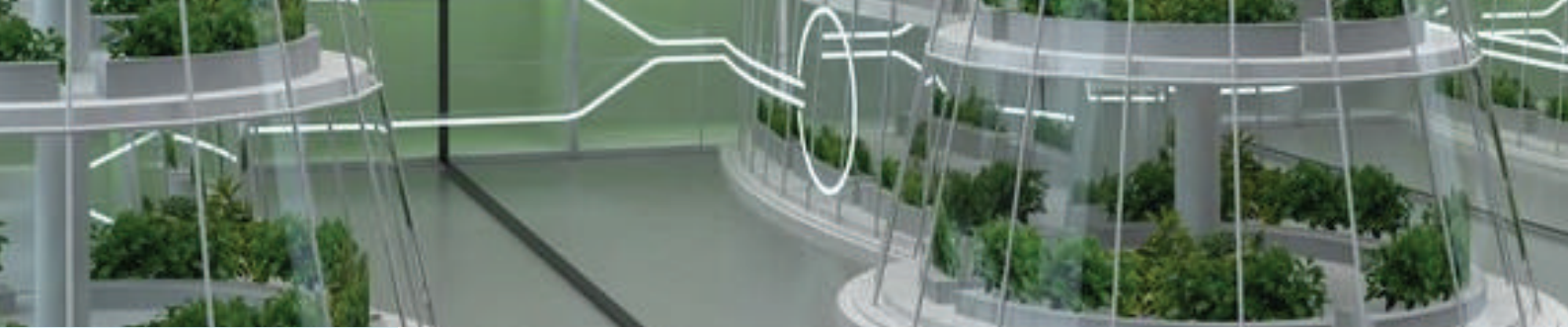
Should Attend?

- ❖ Biotechnology and Pharmaceutical
- ❖ Gene Editing Director
- ❖ Chief Scientific Officer Gene Editing
- ❖ Bioscience Research
- ❖ Bioinformatics Scientist
- ❖ Head of Plant Biotechnology
- ❖ Head of Agribusiness and Nutrition
- ❖ E-Business Director
- ❖ Global AgTech Lead
- ❖ Director of Agriculture innovation
- ❖ Head of R&D Department & Open Innovation
- ❖ Senior Program Officer, Agriculture R&D
- ❖ Chief Product Officer
- ❖ Hemp Genetics International
- ❖ Director of Operations
- ❖ Farm manager and Owner
- ❖ Chief Compliance Officer
- ❖ Hemp Grower
- ❖ Agronomist
- ❖ Agri Food

Key

Highlights

- ❖ Find innovations and LED lights used in procuring products through Indoor Farming.
- ❖ Learn how COVID-19 impacted the new rise in agritech market
- ❖ Will farming technology be profitable in the future & will hydroponic be the answer for it?
- ❖ Different techniques of genome editing and learn about the risk involved in it
- ❖ How genome editing supports sustainable farming with the advanced technology
- ❖ Find how crop breeders work to make our food, fiber, and industrial crops more productive and nutritious
- ❖ Learning how infrastructure is helping in the advance technology in Vertical Farming
- ❖ How do smart machines and sensors crop up on farms & farm data grow?
- ❖ Get to know how vertical farming promotes water recycling
- ❖ Discover many new farming techniques helping produce crops efficiently with use of new equipment and technology
- ❖ Enhance your knowledge about future farming techniques and solutions for year-round crop production
- ❖ Green understanding of profitable opportunity and integration of advanced technology including crop monitoring, drones, equipment management, big data and more.
- ❖ Sessions on smart farming infrastructure, indoor farming, sensors, medical plants (cannabis) and many more.



AGENDA (DAY ONE) —

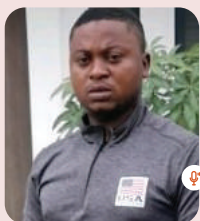
08:00 AM - 09:00 AM EST	Indoor Farming Technologies Market Outlook and investment boosted by Covid-19
09:15 AM - 10:15 AM EST	LED Technology for Crop Production in controlled environments
10:30 AM - 11:30 AM EST	DANIEL ELLIS - Vertical farming to the masses
12:00 PM - 01:00 PM EST	Automation and robotics in conventional agriculture: The Agri-business evolving with new technology
01:15 PM - 02:15 PM EST	Future Farming Buildings: How To Build A Sustainable Indoor Farming Project
02:30 PM - 03:30 PM EST	Emerging needs in vertical farming and cannabis cultivation: The New Agriculture
03:45 PM - 04:45 PM EST	How Gene Editing Can Support Sustainable Agriculture and Innovations in plant genetics adapting agriculture to climate
05:00 PM - 06:00 PM EST	Can indoor or vertical farms reach Skyscraper Heights?
06:15 PM - 07:15 PM EST	Smart Farming:- IoT Application in Agriculture for Smart Farming

AGENDA (DAY TWO) —

08:00 AM - 09:00 AM EST	Why Are We Tackling Health-Agriculture and Challenges? (Reduce food, Nutrition insecurity, Decrease food waste, and improve human health.)
09:15 AM - 10:15 AM EST	Speed breeding: can the “new green revolution” transform research and agriculture?
10:30 AM - 11:30 AM EST	Benefits of Big Data in Indoor Farming and how fast can the new technology applications help to increase productivity?
12:00 PM - 01:00 PM EST	HUR NATHANIEL MSUGHTER - Automation and robotics in conventional agriculture. The Agri-business evolving with new technology
01:15 PM - 01:45 PM EST	DANIELLA CHEHADE - Energy Efficiency Techniques
02:00 PM - 03:00 PM EST	No Soil. No Growing Seasons. Just Add Water and Technology: the- new breed of hydroponic farm and effects on the transformative Environment.
03:15 PM - 04:15 PM EST	Use new technologies to bring food production to consumers increasing efficiencies in the food Chain:- Genetic modification with vertical farming.
04:30 PM - 05:30 PM EST	PANEL: How big is the business opportunity in food tech with future farming techniques and other food technology?



Our Speakers



HUR NATHANIEL MSUGHTER

CEO

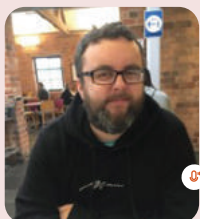
Sunater Farm and Agro Venture

TOPIC:

Automation and robotics in conventional agriculture.

The Agri-business evolving with new technology

17th March | 12:00PM EST



DANIEL ELLIS

Chief Executive Officer

Schway Ltd

TOPIC:

Vertical farming to the masses

16th March | 10:30AM EST



DANIELLA CHEHADE

Project Education Coordinator

Wageningen University & Research

TOPIC:

Energy Efficiency Techniques

17th March | 1:15PM EST



TO BE ANNOUNCED SOON

Professor

University of California, Davis





Our Speakers



MARIA ALBALA LOPEZ
Director of Innovation HUB
ICEMD - Instituto Innovación de ESIC
TOPIC:
Will update later
9:15AM – 16th March



URŠKA PIVK KUPIROVIČ
Senior Consultant
GZS - Zbornica kmetijskih in živilskih podjetij
TOPIC:
Vertical farming: growing food for the future.
Time: Will update later



TO BE ANNOUNCED SOON
Director of Cultivation
AWH



TO BE ANNOUNCED SOON
Member Of The Board Of Advisors
Quantum Superiority Alliance



Media Partner

CIOReviewIndia

CIOReviewIndia: CIOReviewIndia is an Enterprise IT magazine published from Bangalore. It serves as a platform for CIOs and equivalents to share their views on new technology trends, and learn from each other's experiences. Being a neutral knowledge hub for technology decision makers, we take pride in providing a trustworthy and knowledgeable media platform for CIOs and other technology buyers to share their insights, which in turn helps technology and business leaders with analysis of information technology trends and provides them with an in-depth understanding of the challenges and opportunities in adoption of new technologies.

verticalfarm
daily

Vertical Farm Daily:- Vertical Farm Daily is an online meeting place for the international indoor farming industry. Our daily newsletter covers all relevant indoor farming news, globally: www.verticalfarmdaily.com/subscribe. The website is updated on a daily basis with global news which can help growers and suppliers manage their enterprise.

Sponsorship Package

GOLD - \$1699 7-8 Passes

Vendor Delegate Registration with exclusive profiles and features
Company logo and hyperlink on website and program catalog
Company listing in Conference program Platform with spotlight on the Platforms (advertisement, banners and mobile app/website)
Ad space on rotating banner on platform & Company literature in the Conference Lounge area
One access to pannel discussion and Round table to be a pannelist
Company branding and Marketing (On social media, banner post ,Company listing , Platform Highlights and many other)
Advertising at our Sponsor lounge (Video or picture with your company details and services)
45 min Speaking Partner {30 min speaking +15min interactive session (Get access to a live interaction session with the attendee)
E- virtual Exhibition booth
One to one meeting (with your selected client that will be set by us for you) ,as well your Branded Sponsor Networking Table(with your logo on the table)
Access to e-networking bay area(Set multiple Meeting at the platform)
Use the platform for a networking option for ten days after the conference.
Room access for any demo session :- (Video chat with the viewers and present a workshop or introduce any new product or services in this room
Complete attendee list with their contacts, Organization and Location
Company logo included in the conference registration page
Half-page advertisement on newsletter or any other advertisement platform associated with us
Linkedin Creative post with extended discounted passes and other marketing post from our end
Recognition in select event email promotions, in addition to a “logo link”
1 Alert - Sent to all attendees (can included sponsor logos and links)
10% Discount on all Virtual Conference registrations for company representatives and guests
Future tie ups discounts

BRONZE - \$699 4 Passes

Vendor Delegate Registration with exclusive profiles and features
Company logo and hyperlink on website and program catalog
Company listing in Conference program Platform with spotlight on the Platforms (advertisement, banners and mobile app/website)
Company branding and Marketing (On social media, banner post ,Company listing , Platform Highlights and many other)
45 min Speaking Partner {30 min speaking +15min interactive session
Access to e-networking bay area(Set multiple Meeting at the platform)
Complete attendee list with their contacts, Organization and Location
5% Discount on all Virtual Conference registrations for company representatives and guests
Future tie ups discounts

SILVER \$999 5 Passes

Vendor Delegate Registration with exclusive profiles and features
Company logo and hyperlink on website and program catalog
Company listing in Conference program Platform with spotlight on the Platforms (advertisement, banners and mobile app/website)
Ad space on rotating banner on platform & Company literature in the Conference Lounge area
One access to pannel discussion and Round table to be a pannelist
Company branding and Marketing (On social media, banner post ,Company listing , Platform Highlights and many other)
45 min Speaking Partner {30 min speaking +15min interactive session or E-EXHIBITION booth
Access to e-networking bay area(Set multiple Meeting at the platform)
Use the platform for a networking option for ten days after the conference.
Applicable with exhibition booth:- Room access for any demo session or workshops
Complete attendee list with their contacts, Organization and Location
1 Alert - Sent to all attendees (can included sponsor logos and links)
10% Discount on all Virtual Conference registrations for company representatives and guests
Future tie ups discounts

SUPPORTING LEVEL \$450 (START-UP) 3 Passes

Vendor Delegate Registration with exclusive profiles and features
Company logo and hyperlink on website and program catalog
Company branding and Marketing (On social media, banner post ,Company listing, Platform Highlights and many other)
30 min speaking + 5 min interactive session
Access to e-networking bay area(Set multiple Meeting at the platform)
Complete attendee list with their contacts, Organization and Location

**For more Information
and upgrading your package to Platinum
contact us at**

✉ taabish.sayed@databridgemarketresearch.com



Delegate Package

Single Delegate Pass Registration
\$150(EBD)

Benefits:

Access to networking bay area (multiple networks)

Chat box, meet option and Q&A box with speaker (Live Interaction)

Post on Event Feed.(Any images, Video, details, quotes etc.)

Get a chance to be involved and interact in the exciting Round table discussion and Panel rounds.

See the trend and forecast by expert with Start-up booth

Access to Exhibition booth

Access to all sessions.

Recording and preview of all sessions.

Applicable over your profile to E-chats and network (e-meet) with others.

Helpdesk options with the assigned team.

Recording of the speaker sessions after the event.

Certificate of Participation

2 days registration with Personal profile to edit your preferences and other details.

Entry to All sessions with Q&A and exclusive features of platform (post, videos, banners and booth area and many more).

ACADEMIC PASSES \$60 ONLY

For more information

related to Early Bird passes contact us at

✉ Shubham.dwivedi@databridgemarketresearch.com

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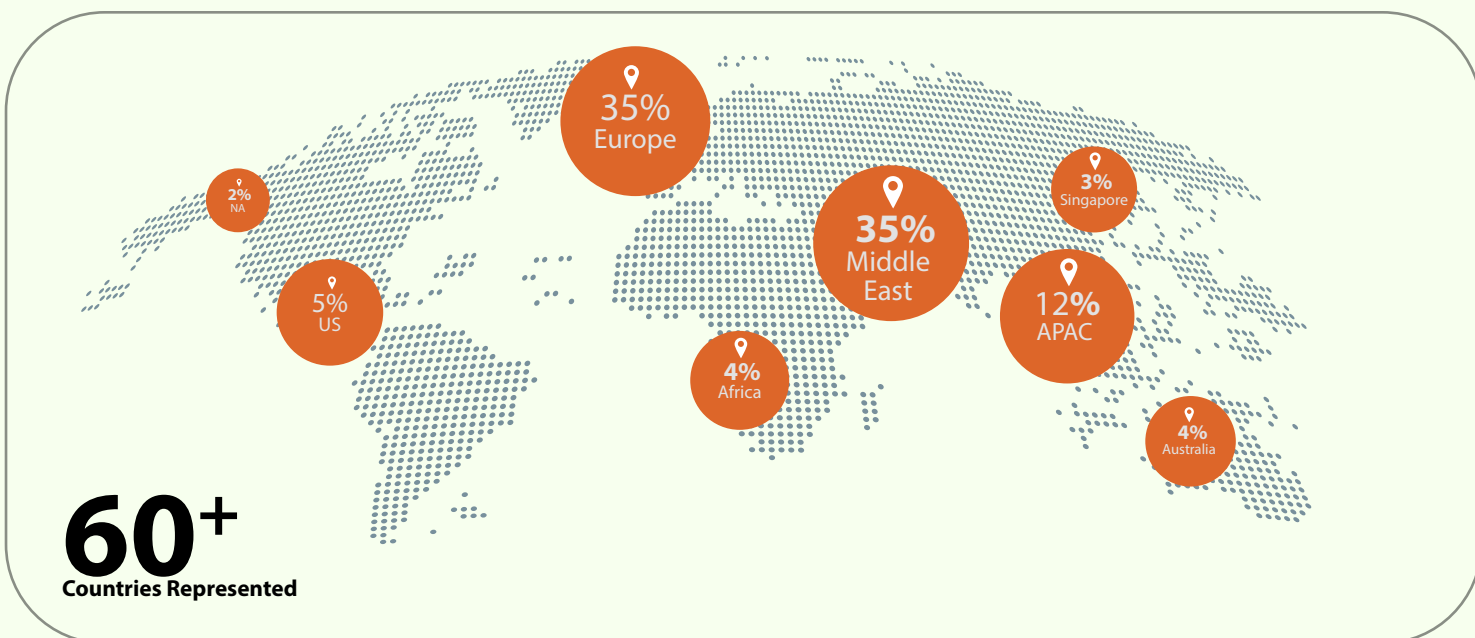
POST SHOW (1ST SERIES DATA)

250+
Attendees

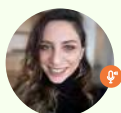
60+
Participated
Companies

12+
Speakers

CONNECTING YOU WITH KEY STAKEHOLDERS FROM EUROPE, GCC & ACROSS THE GLOBE



TOP SPEAKERS



DR. DAFNI D. AVGoustAKI
Agricultural Engineer, MSc in
Greenhouse Technology
Post Doc Researcher
Agricultural University of Athens



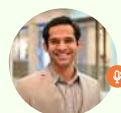
**MUHAMMAD UMER
RABBANI**
Agriculture Engineer (Hydroponics)
Abu Dhabi Farmers Services Centre



URŠKA PIVK KUPIROVIC
Senior Consultant
Delphy Improvement Centre



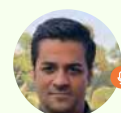
NAYANA SHALJU
Personal Development Coach
Brainciti



VEDANT SACHDEVA
Food Science Consultant
FarmVent



PETER LANE
CEO
CEARD Ltd



ARDALÁN GHILAVIZADEH
Doctor of Philosophy,
PhD, Agriculture Technology,
Senior Agricultural consultant
on Growing saffron indoors



HARRIS WILLIAMS
Executive President
PADP



STEFAN FÜRSINN
CEO
Herbeus Greens



**NDEH KENGNE FANY
NIGLANGUE**
A Public Speaker & President
Cameroonians Federation of
Small and Medium Sized Enterprise Douala



TILL WEIDNER
Postdoctoral Researcher
ETH Zürich



ERIC DARGENT
Managing Partner
MYCELIUM



IRUM SAADIA KHAN
Researcher : Plant Tissue Culture
| Biotechnology
Ghent University



RAJESH KUMAR
President
Agbiotec GROUP

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HERBEUS

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TESTIMONIAL

“

MOHD WAMIQ

I attended the virtual conference on vertical farming. The conference was very informative and nicely managed. Hoping to attend more of such conferences.

“

HUR NATHANIEL MSUGHTER

The program yield a positive result. I personally acquired a lot of knowledge and information about vertical farming. The presenters were so professional and they really expressed their professionalism through the program. Finally, I want to thanks the organisers for the wonderful opportunity

“

OLGA HENNING

It was my pleasure to participate on DBMR Virtual Conference on Vertical Farming: Sustainable Future (GCC and Europe) - January (26th and 27th), 2022. Excellent speakers, organization of event and very important and actual subjects. Thank you all team of DBMR for the job they do. Best regards from Germany, Olga Henning

“

HUR NATHANIEL MSUGHTER

The program yield a positive result. I personally acquired a lot of knowledge and information about vertical farming. The presenters were so professional and they really expressed their professionalism through the program. Finally, I want to thanks the organisers for the wonderful opportunity

“

AMAN SOOD

The event was really helpful. Get to know a lot from the talks, I want to thanks the organisers for the wonderful opportunity

“

MAHNOOR AKTAR

It was my pleasure to participate at the event. Thank you DBMR for organising such excellent events.

“

DARSHAN SINGH

Great experience attending the conference like this. Very helpful

“

EMAD SALAH REYAD

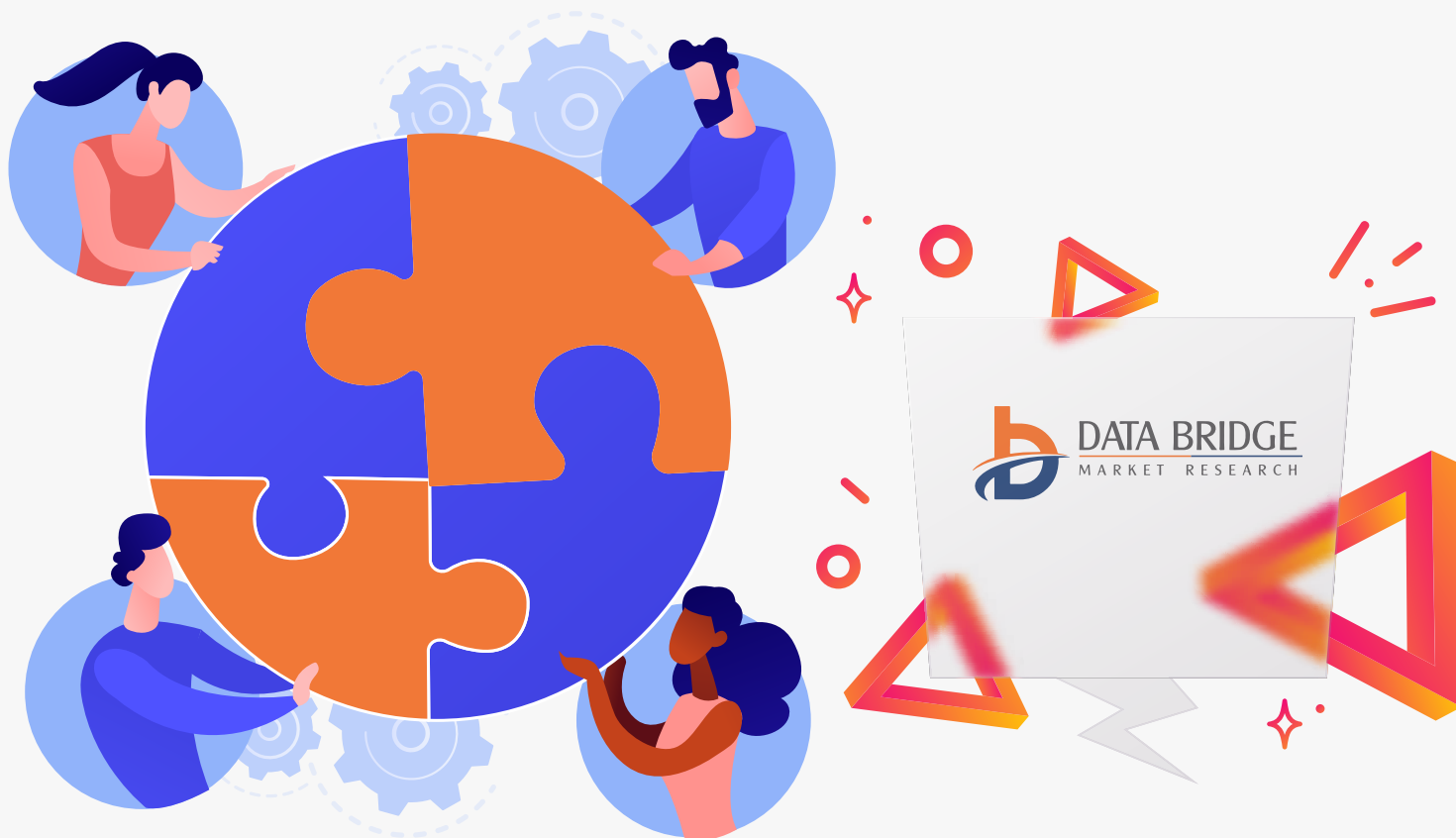
Its a pleasure to participate in this conference thank you data bridge market research team

PLATFORM HIGHLIGHTS



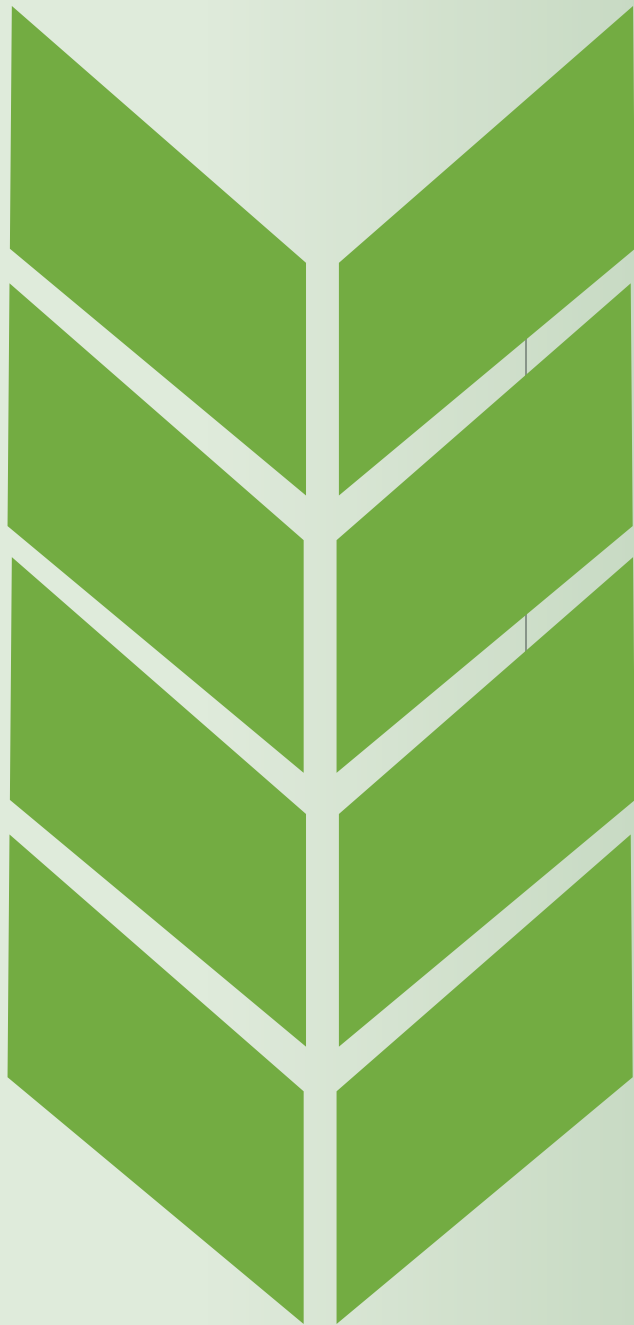
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PARTICIPATED COMPANIES





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For information regarding permission, contact:

Tel: +1-888-387-2818

Email: conference@databridgemarketresearch.com

Register:

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