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Industrial digital transformation “Automechatronics Society” refers to a set of innovation solutions and the transition to new business models and revenue streams consisting of three main pillars:

A - Technological Automechatronics in the field of textile industries.

B - Improving manufacturing processes in the field of textile industries.

C - Improving production in the field of textile industries.

The industrial revolution is a name that has been repeated since ancient times, and each of its stages has different developments, until we reached the fourth industrial revolution in its form different from the rest of the other revolutions. Greatly advances the industry.

We are now in the process of exposing the largest technological change in the field of textile industries that humanity has not witnessed before, and that the changes that will occur contribute to saving the great time and effort that a person used to spend in the past.

The fourth industrial revolution and digital transformation in the field of textile industries:

In the recent period, there has been talk of a big boom in the world of textile industries and talk of a fourth industrial revolution. Every day huge progress.

The Fourth Industrial Revolution: It is the emergence of new technological devices and technologies, “the Automechatronics society” in the field of textile industries, which will help discover the world as a whole, but will positively affect the technological, economic and social aspect, in the twenty-first century after a century of surprises and developments, where many smart devices will be discovered. Which will replace the labor force, which makes everyone think about the importance of technological progress, as well as thinking about human labor, which will decrease with the advent of these devices? Artificial intelligence devices will replace the workforce in the field of textile industries, which is not easy for countries, as they want to obtain development, which contributes to increasing the production process, and at the same time they fear unemployment.

But in fact, the digital transformation that will witness the field of textile industries will help many future generations by focusing more on technological education, and therefore you will find a group of scientists and inventors who will achieve a huge breakthrough for you later. We see what is happening now in terms of technology and the invention of robots in the field of textile industries that do a lot of things instead of humans, just as genes are being modified, and artificial intelligence may replace humanity in the coming period. Also, new unexpected technological techniques will be invented in the field of textile industries, and this is confirmed by many scientists and experts. We are about to be exposed to an unexpected technological boom. Contribute to changing your behavior and changing the meaning of humanity.

Due to the tremendous technological progress and iterations of modern models in the field of textile industries that are compatible with the speed of response to scientific innovations in the fields of mechatronics and electronics in the fifth generation of technology. Given the importance of sustainability in its linguistic meaning. Sustainability is the technological term that describes how technological systems remain diverse and productive over time. Sustainability for technology is the ability to preserve the technological quality of life in which we live in the long term, and this in turn depends on the preservation of the natural world and the responsible use of natural resources. The term sustainability in the field of textile industries has become widespread and can be applied to almost every aspect of life on Earth, starting with the local technological level to the global technological level and over different periods of time, the hidden technological cycles redistribute their elements in the technological and non-technological systems of the world, and have ensured permanent life for millions of years. But with the
increase in the number of humans, the population of this earth, the technological systems declined and the change in the balance of natural cycles had a negative impact on both humans and other living systems.

There is ample scientific evidence that technology in the field of textile industries lives in an unsustainable manner, and that bringing human use of technological resources back within sustainable limits requires a great collective effort. The way to live in a more sustainable technological way can take many forms, starting from reorganizing the living conditions of an “Automechatronics society”, for example, technological villages, advanced technological countries, sustainable cities, re-evaluation of economic and technological sectors, or engineering work practices in the field of sustainable textile industries, using science to develop new environmental technology technologies, renewable energy, to make adjustments in individual lifestyles that conserve natural resources.

The concept of technological sustainability in the field of textile industries with the three pillars of sustainability:

A - Automechatronics Society
b- Environmental technology
T- The economy

The term technological sustainability has been used in the field of textile industries since the eighties of the twentieth century when it was first used in the sense of human technological sustainability, and this paved the way for the most common definition of sustainability and sustainable technological development:

Sustainable technological development is development that meets the needs of the present time without compromising the ability of future generations to meet their own needs.

Sustainable technological development in the field of textile industries requires reconciliation between social, technological, environmental and economic demands, which are the three pillars of sustainability.

The three pillars of sustainability are not mutually exclusive, but rather mutually reinforcing.

What is the sustainability of sustainable technological development?

What should be its objectives?

How can these goals be achieved?

The idea of sustainable technological development involves the technological ecological economy. From this perspective, the economy is a sub-system of human society, the “Automechatronics society”. On the one hand, it is necessary to be realistic and scientific in the field of textile industries, and a clear and specific statement of the meaning of the technological point. There is a simple definition of technological sustainability in the field of textile industries, as improving the quality of human life when we live within the absorptive capacity of the supporting technological systems, and with its ambiguity, that is, it gives the idea of technological sustainability quantifiable limits. But sustainability in the field of textile industries is also a call to action, and it is important in the progress or technological journey, so it is a political process, and therefore some of the definitions contained define common goals and values. He talked about a sustainable global technological community based on respect for nature, and universal human rights, Economic justice and a culture of peace.

Principles and concepts in the field of textile industries

The Automechatronics Society The philosophical and analytical framework for technological sustainability in the field of textile industries is based on links with many different disciplines and fields in the field of textile industries. In recent years, a new field has emerged known as the science of technological sustainability. Currently, the science of sustainability is not an independent field of knowledge in itself and tends to be a field to solve an existing problem and is directed towards creating a field that helps in making decisions related to solving this problem.

Scale and context in the field of textile industries

Technological sustainability in the field of textile industries is studied through many levels and reference frames in terms of time, place and many contexts in the technological organization “Automechatronics Society” through environmental, social and economic. The focus ranges from the total absorptive capacity of technological sustainability in the field of textile industries to the sustainability of economic sectors, technological and ecological systems, countries, municipalities, neighborhoods, home gardens, individual lives, individual goods and services, occupations, lifestyles and behavior patterns. In short, you engage the entire compass of technological and human activity or any part of them.

Consumption and population: technology and resources in the field of textile industries

One of the most important impacts of technology on humanity on Earth’s systems is the provision of biophysical resources and especially, Earth’s ecosystems. The environmental impact of society and humanity, the “Autome-
chatronics society” as a whole, depends on the population as well as on the influence of the individual, and in turn depends on many complex methods related to the resources used technologically in the field of textile industries and whether they are renewable or not, and on the size of human activity relative to the absorptive capacity of the technological systems concerned. Accurate systems can be applied to manage these resources at many levels, from economic sectors, such as the manufacturing industry (in the field of textile industries), agriculture and industry, to organizing work, and to the patterns of consumption of households and individuals for individual resources, goods and services. The technological equation, which was developed in the twenty-first century, is considered one of the first attempts to develop a technological mathematical expression that explains human consumption through three elements:

Population at the levels of technological consumption

The term affluence is used in the Automechatronics community, despite its different meanings.

Automechatronics technology society, which is the impact on each user resource unit. Named technology, because this effect depends on the technology used.

A measure of technological sustainability in the field of textile industries

Technological sustainability scale is the term used to denote the bases of numerical measures used to manage the science of technological sustainability in the field of textile industries based on knowledge. The digital standards used in technological sustainability, which involve technological sustainability in the field of textile, environmental, social and economic industries, whether at the individual level or various combinations in the Automechatronics society are constantly evolving and they include indicators, standards, audits and standards of technological sustainability in the field of textile industries and certification systems such as trade Fair and organic, indexes and accounting, as well as evaluation, and other reporting systems. Which are widely applied at spatial and temporal scales? Some of the best known and widely used technology sustainability measures include Corporate Sustainability Reports, Triple Bottom Line Accounting, Global Technology Sustainability Association and estimates of the quality of individual countries’ sustainability governance using the Environmental Sustainability Index and the Textile Environmental Performance Index.

Living a sustainable Automechatronics society

Sustainable living is a lifestyle that seeks to reduce the individual or community’s use of the Earth’s natural and personal resources. Sustainable living practitioners seek to reduce carbon emissions by changing transportation, energy consumption and diet. Proponents of sustainable living aim to make their lives sustainable in a natural, balanced way, respecting human symbiotic relationships with the environment and the Earth’s natural cycles. This practice and the general philosophy of ecological living are closely intertwined with all principles of sustainable development. Sustainable living in the 21st century is characterized as a shift to renewable energy a shift to renewable energy and a reuse or recycling economy with diversified transportation systems. In addition to this philosophy, certain eco-village builders such as the villages that aim that the shift to renewable energy technologies will only be successful if they The resulting built environment is attractive to the local culture, and can be preserved and adapted as necessary over generations.

Sustainable living is essentially the application of sustainability in lifestyle choices and decisions. Only one concept of sustainable living that expresses what it means in terms below the triple line and meets current environmental, social and economic needs without compromising these factors for the next generation. Another broader concept describes sustainable living in terms of four interrelated social domains: economy, environment, politics and culture.

Sustainability of automechatronics society

In the first concept: sustainable living can be described as an “Automechatronics society” as living within the innate capabilities determined by these factors.

In the second concept, or what is called the concept of circles of sustainability, sustainable living can be described as an “Automechatronics society” by discussing relationships with needs within certain limits in all interrelated areas of social life.

Sustainable design and sustainable development are critical factors
in sustainable living.

Sustainable design includes the development of appropriate technology that is appropriate for sustainable living practices.

Sustainable development in turn is the use of this technology in infrastructure in the field of textile industries is the most common example of this practice.

**Egyptian Nefertiti Sewing machine Art Foundation**

Discussions and Results

We find that the Egyptian sewing machine “Nefertiti Egyptian Sewing Machine”, which was produced by the Egyptian military factories in the fifties and sixties of the previous century, has stopped production, and the Egyptian factories and families for the production of ready-made garments have begun to import knitting technology from machines and tools. And Egyptian machines are now included in international museums such as the British Museum in London.

In the heart of the British capital, London, the British Museum is located near the Holborn subway station, and includes thousands of priceless and precious artifacts, including exhibits from Egyptian antiquities.

Which affects the investment and establishment of factories in the cost of capital to purchase machinery technology from this point of view? It was necessary for us. To recycle this technology “old machines” to benefit from them in order to achieve rationalization and saving and economy in capital in the return of the local economy. As The Sewing Stitches bank is an electronic device which produces electric energy for consumption when charge Sewing Stitches, it is an external charging Sewing Stitches for Sewing machine.

The benefit of these design include:

- Charging of Sewing Stitches when it runs out of old Sewing machine with modifications of using Automechatronics.
- It is portable, is neither heavy nor inconvenient to carry.
- It has a multiple socket for all kinds of old Sewing machine with modifications of using Automechatronics.
It can charge all kinds of old Sewing machine with modifications of using Automechatronics.

It can run for several systems and keeps feeding old Sewing machine with a modifications of using Automechatronics.

The Sewing Stitches bank is a very affordable tool.

**Aims and Objective**

This design Sewing Stitches bank is an electronic device aimed at achieving with modifications of using Automechatronics the following:

To construct a Sewing Stitches bank that will be able to charge all types of Sewing machine.

A Sewing machine that is capable of supplying 90 stitches current.

A Sewing machine with short circuit protection.

A Sewing Stitches bank that has over-charging protection.

A Sewing machine that the Sewing Stitches is rechargeable.

**Scope and Limitation**

This project is the design and construction of 90 sewing stitches bank for use in residential homes, commercial homes, offices etc., to charge sewing stitches with a modifications of using Automechatronics.

The limitation of these designs is that it can only be used for the charging of sewing machine With a modifications of using Automechatronics and it should not in any case used to charge other high current consumption Sewing machine such as very old machine with a modifications of using Automechatronics, etc.

**Conclusion**

Sewing stitches bank has made a lot of impact both on human’s life as a result of the fact that people find it difficult to do away with their Sewing machine switch off or drained out while they are away from their home or offices or which can be as a result of outage or interrupted sewing stitches supply.

It has also improved the economy tremendously as more people buy it as a necessity for the purpose of charging their Sewing machine.

**Recommendation**

This project is recommended for use in office or at any locations for the charging of Sewing machine when there is interruption of electronic Sewing stitches bank has supply and should not in any case use to charge high consuming Sewing machine from laptop computer.
Seshadri Ramkumar, a professor in the Department of Environmental Toxicology and The Institute of Environmental and Human Health at Texas Tech University, has been awarded a gold medal and honorary membership in Textile Association (India) (TAI), which is the world’s largest association in the field of fiber and textiles.

Ramkumar is being recognized for a lifetime of contributions and service in helping lead the growth of the textiles sector in India. Through approximately 20 years of work, he helped India strengthen its place in the textile sector to the point where it was self-reliant in personal protective equipment (PPE) during the COVID-19 pandemic. Earlier in his career, he was named a TAI honorary fellow.

“It is gratifying to note that the work we are doing at Texas Tech is impacting globally and connecting professionals for the betterment of lives.”

Honorary membership is the organization’s highest honor and is awarded to people who have been significant contributors to expanding the nation’s textile industry within the country and internationally. Ramkumar is the first honorary member selected since 2015. The TAI comprises more than 26,000 members and dates to 1939. The award was presented during the organization’s World Textile Conference-3, which was held Feb. 25 in Ahmedabad, India. Ramkumar received the honor from Bhupendrabhai Patel, chief minister of the state of Gujarat in India. He joins a select group that includes other significant industry leaders such as Padmabhushan awardee Kasthuri Sreenivasan, the founding director of the South India Textile Research Association.

Source and Image: https://today.ttu.edu/
Seshadri Ramkumar Recognized with Lifetime Technical Achievement Award.

USA-based the Association of the Nonwoven Fabrics Industry (INDA) announced today (May 9, 2023) that Dr. Seshadri Ramkumar, Professor at Texas Tech University is one among the 3 recipients of Lifetime Technical Achievement Awards. In addition to these awards, the association announced one Lifetime Service Award.

Lifetime Technical Achievement Awards are deemed as “Hall of Fame,” awards in the field of nonwovens/advanced textiles.

Prior award winners include key achievers from leading industry such as Johnson & Johnson, Kimberly-Clark, Proctor and Gamble, etc. who have been involved with the development of new polymeric materials, feminine care materials and many consumer products, which have improved our quality of life.

Seshadri Ramkumar established the nonwovens research program at Texas Tech University in 1999, which has led to the commercialization of FiberTect decontamination wipe.

Source und Official news release from INDA is provided: https://www.inda.org/four-nonwoven-industry-professionals-honored-with-inda-lifetime-awards/
World of Wipes® (WOW) International Conference, July 18th at 4:45 pm

- Jim Robinson will receive his award at the Hygienix™ Conference, November 14th at 4:30 pm
- Ed Thomas will receive his award at the RISE® Conference, September 26th at 4:30 pm

Here are the Award recipients:

Jan O’Regan: INDA Lifetime Service Award

“When I ponder the multitude of professionals who have dedicated their time, intelligence and wisdom to the advancement and betterment of our nonwovens industry, I am truly honored and humbled to be chosen as a Lifetime Service Award recipient for 2023. I stand on their shoulders and value the experiences and relationships that service to INDA and the nonwovens industry have brought my way. This work has been a rewarding cornerstone of my career.”

Jan O’Regan was the Director, Strategic Initiatives and Nonwovens Marketing, for Cotton Incorporated and retired in 2022. In this capacity, she uncovered new opportunities for cotton to bring value into the nonwovens industry. Her work included leading efforts in strategic planning, technical and market project management, and sharing new ideas and results with the global supply chain.

O’Regan spent over four decades in the nonwovens industry in various roles, including sales, marketing, strategic planning and business management. Market responsibilities included consumer and industrial markets on regional, national, and global teams. Over the most recent years, she applied these broad experiences to new markets for cotton in nontraditional applications.

Serving and volunteering with INDA for decades, O’Regan most recently chaired the World of Wipes® committee, which she efficiently organized to produce innovative conferences for the wipes industry. She was a frequent speaker at INDA, INSIGHT, EDANA, and other events, and for nearly two decades was a go to source of information for cotton fibers in nonwovens and hygiene. O’Regan earned a BS in Textiles and Business, summa cum laude, from Penn State University and an MBA from New York University’s Stern School of Business.

Seshadri Ramkumar: INDA Lifetime Technical Achievement Award

“I am very humbled with the recognition and the award is an acknowledgment of over 2-decades of work carried out by many students from many countries in my laboratory. I am thrilled to note many of these students are contributing to the global nonwovens sector in leading research and marketing positions. I thank INDA, its staff, and colleagues in the industry for supporting our nonwovens research at Texas Tech University when I initiated it in 1999.”

Seshadri Ramkumar has over twenty-five years of experience within the technical nonwovens space, conducting industry leading research and educating nonwovens professionals at Texas Tech University (TTU). At TTU, he established the Nonwovens Laboratory. Many of Ramkumar’s students have gone on to become technical leaders within their organizations and the nonwovens industry.

Ramkumar has numerous patent and invention disclosures, including Fibertect® toxic chemical decontamination wipes which have been recognized by the American Chemical Society as a notable success of federally supported innovation, endorsed by Lawrence Livermore National Laboratory, and adopted by multiple branches of the military.

In addition to many peer-reviewed publications, articles, and columns collectively over 500, including one on nanofibers that has been cited over 2,100 times, Ramkumar has contributed his expertise on the editorial boards of multiple fiber, nonwoven, and textile journals. Ramkumar has also organized conferences for nonwovens and textiles and actively promoted INDA and its technical training offerings for over 20 years.

He is a longtime member of the INDA Technical Advisory Board, been recognized by TAPPI, Society of Dyers and Colorists (UK), the Textile Institute (UK), and the Textile Association (INDIA), and received numerous awards from TTU.

Ramkumar holds a Bachelors of Technology (Textiles), Graduated with Distinction, and a Masters of Technology (Textiles), University First Rank in the Discipline, Anna University, and a Ph.D. (Textile Materials) from the University of Leeds, UK.

Jim Robinson: INDA Lifetime Technical Achievement Award

“I am humbled to be recognized on behalf of my industry colleagues with the honor of receiving the Lifetime Technical Achievement Award. Over my entire career I found the industry to be filled with opportunities to help people solve problems and to mutually share with them the technical understanding of our engineered products. I had fun many more days than not and, along the way, got to meet so many fine people and develop lasting, rewarding relationships.”

Jim Robinson has 33 years in the absorbent hygiene industry, including 28 years as a Technical Service Manager at BASF. He led technical teams that focused on the application of superabsorbent polymers (SAP) in hygiene products. Robinson has extensive knowledge of SAP applications, absorbent core formation, and hygiene article design, performance and testing. While with BASF, Robinson led efforts with multiple external companies to provide co-supplier solutions to hygiene converters.
Robinson’s extensive understanding of test methods and test method development led to his coordinating the establishment of fitness for use standards of adult incontinent products with the National Association for Continence and involvement in development and review of absorbent product test methods with INDA/EDANA. He is also an active contributor to INDA’s Technical Advisory Board and Hygienix organizing committee and was a contributing developer in establishing the INDA Absorbent Hygiene Training Course. Robinson has provided numerous presentations at INSIGHT, Hygienix, and RISE on performance and interactions of absorbent system components.

Recently, Robinson has been consulting and contributing to the success of multiple start-ups including those having been nominated for INDA product awards. Robinson has a BS in Chemistry from Hampden-Sydney College and an MS in Chemistry from Duke University.

Ed Thomas: INDA Lifetime Technical Achievement Award

“It is a fantastic honor to receive the Lifetime Technical Achievement Award,” said Ed Thomas. “From the very beginning of my journey in this tremendously dynamic industry, I remain in awe of the diversity and innovations that continue to blossom. It has been a true pleasure to participate in and contribute to the technical advances that make nonwovens such an exciting industry,” Thomas said.

Ed Thomas retired after 39 years, with 32 years in the nonwovens industry, and has remained active teaching the Intermediate Nonwovens Training Course for INDA and The Nonwovens Institute at North Carolina State University, as well as providing consulting services to the industry.

Thomas’ experience includes Process Engineering Manager and Plant Management, DuPont; Technical Director, Reemay; VP of Research and Operations, VP of Operations and Technology, and Global VP of Research and Development for Fiberweb/BBA Nonwovens; and Head of Research and Product Development, First Quality Nonwovens.

Thomas holds 10 U.S. nonwoven patents and he and his teams have been awarded more than 250 patents for numerous and diverse innovations that have played significant roles in the success of the nonwovens industry. These include applications for the global hygiene market, industrial nonwovens, and filtration media.

During his career, Thomas has presented several keynote addresses and papers to industry conferences, participated in North Carolina State University’s Nonwovens Cooperative Research Center (NCRC) prior to it becoming The Nonwovens Institute (NWI), INDA’s Technical Advisory Board, INDA’s Sustainability Committee, and was Vice Chair of NWI’s Industrial Advisory Board prior to retirement and remains an Emeritus member.

A Vietnam veteran, Thomas received his mechanical engineering degree from SUNY Buffalo.

About INDA

INDA, Association of the Nonwoven Fabrics Industry, serves hundreds of member companies in the nonwovens/engineered fabrics industry doing business globally. Since 1968, INDA networking events have helped members connect, innovate and develop their businesses. INDA educational courses, market data, test methods, consultancy and issue advocacy help members succeed by providing them the information they need to better plan and execute their business strategies. INDA Media is the business-to-business publishing arm of INDA and publisher of International Fiber Journal and International Filtration News, which reach a vast network of professionals who employ fibers, filaments, and filtration systems to optimize their application environments.

Source: www.inda.org
Sedex, the sustainability data and technology company, is delighted to reveal the winners of this year’s global Sustainability Awards.

The Sustainability Awards recognise businesses for their efforts to drive social and environmental sustainability in global supply chains. They celebrate innovation, progress, and leadership in ESG (environment, social and governance), from across industries and supply regions.

The winners, which include Huel, The Body Shop, Suntory and small businesses in supply chains, have made major improvements, utilised intelligent solutions, or created a lasting, positive impact on people or the environment.

“We strongly believe it’s important to celebrate the smaller-scale projects as well as those of larger brands. It’s truly inspiring to see how our winners, and all our entrants, are boldly exploring new partnerships, initiatives, and smart solutions to address sustainability challenges.”

THE WINNERS

The Data & Insights Award recognises the creative use of data and insights, with practical application, to address ESG challenges.

- Winner, Americas – Pomona Farming LP for using data insights to reduce pesticide application
- Winner, APAC – Suntory for bridging data gaps and using insights to provide positive reinforcement to suppliers
- Winner, EMEA – Huel for their work to make sustainability data available, accessible and valuable to departments across their business

10 Awards across three categories, reflecting the key themes of Sedex’s new Strategy, reward three regional winners in each, selected by a panel of expert judges from entries across six continents. A special Judges’ Choice Award also highlighted a tireless effort and hard-won success to bring genuine improvement.

Sedex CEO Jon Hancock says: “It’s a privilege and pleasure to reward these deserving companies and their efforts to drive sustainability in supply chains. We were all incredibly impressed by the standard and scale of entries, from such a range of sectors and businesses around the world.

The Community & Collaboration Award celebrates the power of collaboration, partnerships and community to progress sustainability in a supply chain.

online www.tok-bg.org
• Winner, Americas – The Pantaleon Group for their work in the Mexican sugarcane industry

• Winner, APAC – Tat Win for implementing international ESG standards through a committed, multi-stakeholder approach

• Winner, EMEA – The Body Shop International for connecting and collaborating with women shea producers in Ghana

The Tech & Innovation Award champions the use of technology and rewards creative approaches to driving lasting ESG improvement across supply chains.

• Winner, Americas – Pomona Farming LP for use of biocontrol technology to reduce pesticide application

• Winner, APAC – Epyllion Fabrics Limited for creative use of multiple technologies to achieve carbon dioxide and sulphuric acid reduction at scale

• Winner, EMEA – Angus Soft Fruits for their packaging initiatives reducing plastic and improving recyclability

The Judges’ Choice Award for an ESG champion went to Firminch UK Ltd, for their heart-warming, inspiring, people-centred initiative to drive improvements across environmental targets, overtime, customer service, and sustainability accreditations.

The winners were announced on Wednesday night at an Awards dinner, hosted by journalist Katie Prescott (Technology Business Editor, The Times), as part of Sedex’s Xplore Sustainability conference. The flagship event in London brings together 600 delegates and speakers from brand, business and expert fields to explore the critical ESG challenges, solutions, and opportunities facing companies today.

Katie Prescott, Technology Business Editor, The Times, says: “The stories behind the Awards show the lengths that these companies are going to, in order to ensure their supply chains are as transparent as possible, even though doing so often exposed some uncomfortable truths.”

The Sedex Sustainability Awards 2023 were sponsored by LRQA, OpenView Service Ltd and TraceGains. The judging panel comprised representatives from the United Nations Global Compact, worker voice technology provider &Wider, and the Better Buying Institute.

Source: www.sedex.com
New: Texpertise Report for the achievement of the Sustainable Development Goals (SDGs)

The first SDG Report of the Messe Frankfurt Texpertise Network. The report summarizes Messe Frankfurt’s global commitment to achieving the Sustainable Development Goals (SDGs) in the context of its global textile trade fairs and provides an outlook on further planned measures and goals. At the same time, the SDG Report serves as an incentive for the Texpertise Network to continue its commitment to achieving the Sustainable Development Goals by 2030.

At a meeting in New York City, Olaf Schmidt, Vice President Textiles and Textile Technologies at Messe Frankfurt, presented the newly released Texpertise SDG Report to Kerry Bannigan, Executive Director, Fashion Impact Fund & Co-Founder, United Nations Conscious Fashion and Lifestyle Network, and Lucie Brigham, Chief of Office, United Nations Office for Partnerships and Co-Founder United Nations Conscious Fashion and Lifestyle Network. “I am very pleased to be able to personally hand over our SDG Report to Kerry and Lucie. It makes me proud that we have already been able to implement, initiate and achieve so much together,” emphasizes Olaf Schmidt. “Through the Messe Frankfurt Texpertise Network, we are working to speed up innovation and transformation in the textile and fashion industry. To boost this decade of action for achievement of the Sustainable Development Goals by 2030, we are briefing and mobilising players across the whole of the textile value-added chain and their partners in industry, with the focus on realising solutions for social, economic and ecological transformation.”

The Messe Frankfurt Texpertise Network unites current topics, trends, events around the textile business and connects more than 500,000 people from all over the world. With more than 50 international textile trade fairs in 11 countries, Messe Frankfurt is the global market leader for textile trade fairs. Texpertise covers the entire textile value chain.

Messe Frankfurt has been strategically integrating sustainability into its textile events worldwide for around 15 years now, using topic-specific formats and content, and is thus a pioneer of its kind. Together with the United Nations Conscious Fashion and Lifestyle Network, a joint initiative between the United Nations Office for Partnerships and the Fashion Impact Fund, Messe Frankfurt’s Texpertise Network has also been promoting the visualization of the Sustainable Development Goals at its events since 2019.

“Collaboration is key to fostering transformative sectoral engagement and accelerating the implementation of the SDGs”, Lucie Brigham confirms. “Mobilizing expertise, innovation, technology and resources can only be achieved through strong partnerships. Messe Frankfurt’s Texpertise Network was one of the first members and valuable partners of the Conscious Fashion and Lifestyle Network. We are proud to have been involved in the extensive SDG activities from the beginning and look forward to developing these activities together in the future.”

Global reach

With its SDG actions in eight countries, the Texpertise Network has already reached more than 21,000 exhibitors, around 508,000 trade visitors, around 6,250 accredited media representatives and more than 945,000 followers on social media worldwide by 2023. The SDG actions included panel talks and press conferences with UN representatives, podcasts, SDG information booths and photo walls, social media campaigns and also a hackathon.

The full report is available online at: https://texpertisennetwork.messefrankfurt.com/frankfurt/en/sdg.html

Texpertise, the textile business network

The Texpertise Network includes all relevant stakeholders who can make the textile and fashion industry and its partner industries more sustainable. With this unique reach, Texpertise offers multiple opportunities for action in integrating the topic of sustainability at its global events. In collaboration with the United Nations Office for Partnerships, supported by the Conscious Fashion and Lifestyle Network, the Texpertise Network informs and mobilizes the textile sector to implement solutions for social, economic and environmental change. Our aim is to create awareness for the Sustainable Development Goals at all our textile trade fairs worldwide – from Frankfurt, to New York, Atlanta, Shanghai and Paris.

Information from the international textile sector and about the textile trade fairs of Messe Frankfurt around the world can be found in the Texpertise Newsroom at texpertisennetwork.messefrankfurt.com

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