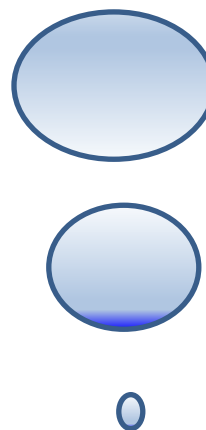




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**Agricultural Milking Robots, Sample:  
Market Shares, Strategies, and Forecasts, Worldwide, 2019 to 2025**

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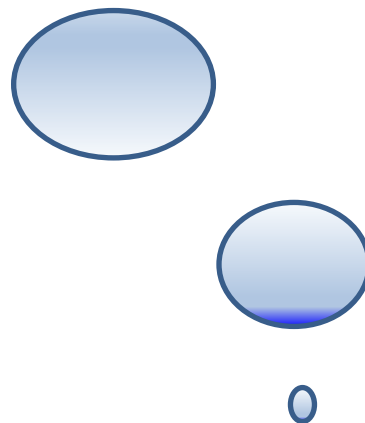
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**Hyperscale Data Centers in Finland Sample:**

**Market Shares, Strategies, and Forecasts, Worldwide, 2019 to 2025**

**Technology that Increases IT Operations Efficiency, Data Center PUE of 1.1**

**Hyperscale Data Centers in Finland: Markets**

LEXINGTON, Massachusetts (October 7, 2019) – WinterGreen Research announces that it has published a new study: Agricultural Milking Robots Market Shares, Strategy, and Forecasts, Worldwide, 2019 to 2025. The 2019 study has 182 pages, 85 tables and figures. Worldwide markets are poised to achieve growth as the burgeoning middle class seeks more milk and more milk products- cheese. Across the industrial spectrum dairy farms use robots to implement better farm management. Improved farm efficiency is a key benefit of dairy farm industrialization.

One effect of the tariffs from President Trump has been to stimulate investment by Chinese and Russian business men in dairy farming. With imported milk from the US not available, demand for milk was felt in the market. The largest industrial dairy farm is being built in Russia with Chinese and Russian financing. This farm is anticipated to be fully automated.

By 2050 the world population will be 9 billion people, up from 7.3 billion in 2019. Population growth means that there needs to be a considerable increase in food production. Grow lights permit warehouse growing. Renewable energy supports electricity generation. Milking robots are part of a

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move to precision agriculture that increases crop yields and improves overall availability of nutritious foods.

Income levels are creating a middleclass worldwide, rising the demand for quality food and dairy products.

Milk demand is increasing because of the quality of nutrition milk products provide. Milk is a fundamental food, trusted and valued all over the world. Quality of milk can be increased via the use of automated milking and feeding systems.

An environmental development relates to consumer increasing awareness of the origin of produce, animal welfare, the use of antibiotics having a deleterious effect on health of people, and the impact of environmentally unsound agricultural practices. Agricultural impact on the environment is commonly measured as a carbon footprint.

There are 21 million working dairy cows in the world, meaning 21,000,000 dairy calves are slaughtered for veal or cheap beef every year globally. Cows must give birth in order to make milk and the resulting births create too many cows if allowed to mature.

REPORT # SH28262432

167 PAGES

89 TABLES AND FIGURES

2019

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**Figure 1. Agricultural Cow Robotic Milking Machine Market Shares, Dollars, Worldwide, 2018**

**Agricultural Cow Robotic Milking Machine Market Shares,  
Dollars, Worldwide, 2018**

In Millions of Dollars

	MM\$ 2018	% 2018
Company 1	XX	XX
Company 2	XX	XX
Company 3	XX	XX
Company 4	XX	XX
Company 5	XX	XX
Company 6	XX	XX
Company 7	XX	XX
Company 8	XX	XX
Company 9	XX	XX
Company 10	XX	XX
Company 11	XX	XX
Company 12	XX	XX
Other	XX	XX
<b>Total</b>	<b>0.0</b>	<b>0.0</b>

Source: WinterGreen Research, Inc.

**Figure 2. Per Capita Consumption of Milk and Milk Products, Liters, Worldwide, 2018**

Per Capita Consumption of Milk and Milk Products Liters, Worldwide, 2018			
	Milk (liters)	Cheese (kg)	Butter (kg)
Ireland	XX	XX	XX
Finland	XX	XX	XX
United Kingdom	XX	XX	XX
Australia	XX	XX	XX
Sweden	XX	XX	XX
Canada	XX	XX	XX
United States	XX	XX	XX
Europe	XX	XX	XX
Brazil	XX	XX	XX
France	XX	XX	XX
Italy	XX	XX	XX
Germany	XX	XX	XX
Greece	XX	XX	XX
Netherlands	XX	XX	XX
India	XX	XX	XX
China	XX	XX	XX
Rest of World	XX	XX	XX
<b>Total</b>	<b>XX</b>	<b>XX</b>	<b>XX</b>

Source: WinterGreen Research, Inc.

**Figure 3. Cow Milk Production, Quantity and Percent, Worldwide, 2018**

<b>Cow Milk Production Quantity and Percent, Worldwide, 2018</b>		
In Percent		
In Metric Tons		
<b>Top Ten Cow Milk Producers in 2018</b>		
<b>Country</b>	<b>Production (metric tons)</b>	<b>Production %</b>
United States	101,310,874.4	19.3
India	67,266,000.0	12.8
China	39,194,100.0	7.5
Brazil	38,023,312.0	7.3
Germany	34,545,420.0	6.6
Russia	33,617,425.6	6.4
France	26,322,936.3	5.0
New Zealand	20,960,130.0	4.0
Turkey	18,487,060.0	3.5
United Kingdom	15,474,510.0	3.0
Other	128,777,126.0	24.6
<b>Total</b>	<b>523,978,894.2</b>	<b>100.0</b>

Source: WinterGreen Research, Inc.

The 89 tables and figure titles are illustrated in the table of contents.

# ABOUT THE COMPANY

**WinterGreen Research**, research strategy relates to identifying market trends through reading and interviewing opinion leaders. By using analysis of published materials, interview material, private research, detailed research, social network materials, blogs, and electronic analytics, the market size, shares, and trends are identified. Analysis of the published materials and interviews permits WinterGreen Research senior analysts to learn a lot more about markets. Discovering, tracking, and thinking about market trends is a high priority at WinterGreen Research. As with all research, the value proposition for competitive analysis comes from intellectual input.

**WinterGreen Research**, founded in 1985, provides strategic market assessments in telecommunications, communications equipment, health care, Software, Internet, Energy Generation, Energy Storage, Renewable energy, and advanced computer technology.

Industry reports focus on opportunities that expand existing markets or develop major new markets. The reports access new product and service positioning strategies, new and evolving technologies, and technological impact on products, services, and markets. Innovation that drives markets is explored. Market shares are provided. Leading market participants are profiled, and their marketing strategies, acquisitions, and strategic alliances are discussed. The principals of WinterGreen Research have been involved in analysis and forecasting of international business opportunities in telecommunications and advanced computer technology markets for over 30 years.

The studies provide primary analytical insight about the market participants. By publishing material relevant to the positioning of each company, readers can look at the basis for analysis. By providing descriptions of each major participant in the market, the reader is not dependent on analyst assumptions, the information backing the assumptions is provided, permitting readers to examine the basis for the conclusions.

WinterGreen Research is positioned to help customers facing challenges that define the modern enterprises. The increasingly global nature of science, technology and engineering is a reflection of the implementation of the globally integrated enterprise. Customers trust wintergreen research to work alongside them to ensure the success of the participation in a particular market segment.

WinterGreen Research supports various market segment programs; provides trusted technical services to the marketing departments. It carries out accurate market share and forecast analysis services for a range of commercial and government customers globally. These are all vital market research support solutions requiring trust and integrity.



## About the Principal Authors

Susan Eustis, President, co-founder of WinterGreen Research, is a senior analyst. She has done research in communications, healthcare equipment, and computer markets and applications. As the lead author of many market research studies, she is recognized for including coverage on a range of topics. Usually the coverage is detailed as per example with youth sports: including: Youth Sports Defines Play, Youth Sports Video Equipment, Youth Sports Video Apps, Youth Sports, Sports Analytics, Youth and Amateur League Sports Software, Youth League Sports Software, and Sports Coaching Platforms.

Ms. Eustis was named Top Woman CEO in 2012 by Who's Who Worldwide. She was named Top Woman Market Research Analyst in 2012, 2013, 2014, 2015, 2016, 2017, and 2018. She has been twice featured on the cover of the Women of Distinction magazine. Winter green Research is cited virtually every day in media around the world. Regarding Youth Sports Topics Ms. Eustis was cited in a recent Time Magazine article and major media articles on Youth Sports market growth. Regarding the topic of blockchain, Ms. Eustis was featured in many recent Wall Street Journal, New York Times, Barron's, Forbes, Bloomberg, HBO, and London Times. Last week Ms. Eustis was quoted by the Barron's publication Market Watch on youth sports and by the Harrisburg Gazette. She is head of the GBA blockchain group on elections systems. Ms. Eustis is a graduate of Barnard College.

## **About the WinterGreen Research Team:**

The WinterGreen Research Team is comprised of senior analysts that prepare the market research and analysis that is offered to the client and developed using an iterative process to achieve a final study. Typical projects include providing market/viability research. The team can look at how drones can be applied to critical infrastructures safety, including: type of market existing, Barriers, forecast demand and competitors, SWOT and competitive advantages, Price Analysis, product design recommendations (marketing orientation).

Research is typically for many different regions or localities, for example EU countries including Spain, UK, Nordic, Germany, and France. Typical projects profile the United States and areas of Asia. It is common to three representative countries from South America, Brazil, Argentina, Chile, and Mexico. Representative countries from Asia APAC typically include Japan, China, India, and Australia.

WinterGreen Research has 36 distributors worldwide.

## Study Methodology

This survey on youth sports was conducted using triangulation techniques. Triangulation is a powerful technique that facilitates validation of data through cross verification from three or more sources. In particular, it refers to the application and combination of several research methods in the study of the same phenomenon. This research throws light on the role of triangulation in research. Understanding the role of a triangulation will enable us to do better research. Triangulation involves using multiple data sources in an investigation to produce understanding. We could then look to the bright future in light of the past. To make the research result bias free, valid and generalized triangulation plays an important role in this area by increasing the rate of certainty and bringing neutrality.

It is process of using more than one method, theory, researcher and data collection method & technique to make the research findings more valid, reliable and generalizable. Because WinterGreen Research has a very good grasp of the markets it was possible to choose parent, association, and commercial groups that would probably provide enough variety and enough independence to give an accurate picture of what is going on in youth sports.

The interviewers were recruited from around the country, associates who have children playing in various youth sports. As trained researchers, they knew how to ask questions in an unassuming way to groups willing to give accurate answers.

As the answers came in and were tallied, they were accessed as to probable accuracy and in every case deemed to be representative answers that would be expected from the target group. In this way the survey could be used to estimate the situation in the different sports all over the US.