

# Welcome to **FUTURE WATCH:** Advanced **Robotic** Solutions in **Health** and **Wellbeing**

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FUTURE WATCH

# EXPLORE MARKET OPPORTUNITIES

We help companies take action by offering advice and building activities that connect Finnish companies to market opportunities.



**TRANSFORMING HEALTH  
& WELLBEING**



**DIGITAL FUTURES**

**BUSINESS FINLAND SCENARIOS**

ALTERNATIVE SCENARIOS FOR YEAR 2030



**SHIFTS IN CONSUMER  
BUSINESS AND TRAVEL**



**TOWARDS LOW CARBON  
SOCIETY**



**FUTURE WATCH  
BRIEFS**

**STRATEGY  
BRIEFS**

<https://www.marketopportunities.fi/home>



- **Work commissioned in October 2020**
- **Study completed late December 2020**
- **Launch to the general public today February 4<sup>th</sup> 2021**
- **Next steps... to be discussed**

**In collaboration**

FROST  
&  
SULLIVAN

**BUSINESS  
FINLAND**

SPINVERSE

## **ROBOTICS IN HEALTHCARE**

# Why this study and seminar

- **Demand** for advanced digital health solutions is **growing** fast globally
- Robotic solutions come with a great **promise** to bring increased **efficiency** and **quality** of care into health and wellbeing
- Finland has significant talent pool in **electronics, mechatronics** and **software**
- Yet Finnish robotic solutions in health are few and far in between

*Business Finland / Smart Life Finland program wants to see what we can do to stimulate the birth of an innovation ecosystem in health robotics*





# Global robotics landscape in healthcare and wellbeing: Market Potential Assessment Summary

Healthcare Robotics		Technology Readiness	Breadth of Applications	Current Adoption	Growth Potential
Medical Robots	Surgical Robots	<p>In this study Frost and Sullivan analysts have taken a holistic view over the robotics market in the context of health and wellbeing</p> <p>Each area of application has been analyzed for technology readiness, breadth of applications, current adoption, growth potential and analysis of international key players in each segment</p>			
	Diagnostics Robots				
Healthcare Service Robots	Medication Delivery and Dispensing				
	Cleaning and Disinfecting				
	Telepresence and Remote Monitoring				
	Autonomous Vehicles/ Auxiliary Robots				
Care Robots	Companion Robots/ Personal Assistants				
	Assistive Robots				
Prosthetics and Exoskeletons					

# **Some housekeeping remarks**

**Kindly mute your microphones, turn off video unless speaking**

**We encourage you to introduce yourself in the chat giving the other participants the possibility to reach out and network with you later**

**Please submit your questions in the chat. We are monitoring the chat and will address your questions. During Q&A we can also open the microphones**

# Today's program

## **10.00 Welcome words and aim of the webinar**

Kari Klossner, Program Manager, Business Finland

## **10.10 Robotics in Healthcare: Key Players and Opportunities**

Lynne Goulding, Principal Consultant/Visionary Innovation Group and Shruthi Parakkal, Consulting Manager/Healthcare, Frost & Sullivan

## **10.55 The achievement of social robots in health and wellbeing against pandemics**

Tommy Deblieck, Managing Director and Partner and  
Fabrice Goffin, Managing Partner, Zora Robotics

## **11.15 Q&A**

## **11.25 End users point of view to the needs and challenges in Robotics in Healthcare**

Joel Holmen, Medical Doctor, Chairman of the Board, RoboRollo and Medical Advisor,  
VideoVisit

## **11.45 Needs and opportunities for robotics in Finnish health & wellbeing sector**

Dr. Marketta Niemelä, Principal Scientist, VTT

## **12.05 Q&A**

## **12.10 Business Finland opportunities for funding and sparring**

Renne Kaseva, Senior Advisor, Business Finland

## **12.20 What's next**

Kari Klossner, Program Manager, Business Finland

## **12.30 End of the webinar**

# Look for the questionnaire in your email inbox

As always we highly appreciate your **feedback**

Plus some extra questions to:

- Gauge **your interest** in the segments presented by Frost & Sullivan
- Let us know if you are interested in **participating** in or **leading** an innovation ecosystem on robotics
- Find the most relevant **themes** and **leaders** to continue this work with





1. In which of the areas below do you have capability and willingness to co-innovate with other partners?
2. What type of competence / know-how would you bring to the collaboration?
3. In your opinion, what are the main **challenges** in the segments you chose in the 1st question
4. What could be the **scope** for the potential follow-up co-creation project?
5. Would you be interested in **joining** the co-creation workshop organized by Business Finland in this area?
6. Would you be interested in **taking a lead** on the preparation of the co-creation project of your interest?

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Care Robots	Companion Robots/ Personal Assistants
	Assistive Robots
Prosthetics and Exoskeletons	

E.g.





## What's next?

1. **If interested – kindly let us hear from you**
2. The BF team will analyze your input
3. Given sufficient interest & enough interested organizations, BF will facilitate 1-3 co-creation workshops aimed to refined the ideas and start building the base for a co-creating project hopefully leading to co-innovation – and new Finnish robotic solutions for health and wellbeing

# More on Robotics!

# Next Health Tuesday

BUSINESS  
FINLAND

WEBINAR 2.3.2021

## WEBINAR: HEALTH TUESDAY: WHAT CAN 5G OFFER FOR HEALTHCARE DELIVERY AND HEALTH TECHNOLOGY INNOVATION

Webinar

[REGISTER HERE](#) 

### MORE INFORMATION

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### AGENDA

**8.00 Opening Words**

Sampo Sammalisto, Head of Personalized Health Finland, Business Finland

**8.05 Applying 5G and multimedia services to healthcare use cases**

Jarno Pinola, Senior Scientist, VTT Technical Research Centre of Finland

**8.20 Case study: Elisa video robot helps nurses and doctors in corona ward at  
Helsinki University Hospital**

Kimmo Pentikäinen, Vice President, Business Development, Elisa Corporation and  
Pekka Kahri, Technology Officer, HUS

**8.40 Remote presence solution for eHealthcare**

Juha Kela, CEO, Finwe Oy

**8.55 Closing words**

Sampo Sammalisto, Head of Personalized Health Finland, Business Finland

**9.00 Health Tuesday event ends**

**9.15 Market opportunities Roundtable**

**10.30 Roundtable session ends**

**How useful was this content?**

Be the first one to answer!





# THANK YOU!

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