# **Company presentation**

Updated October 2024



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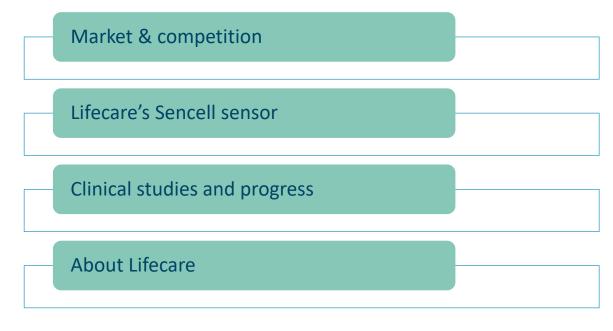
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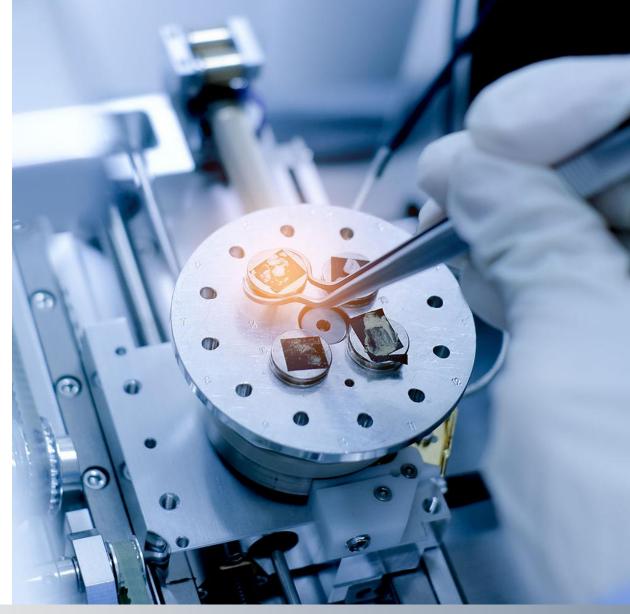
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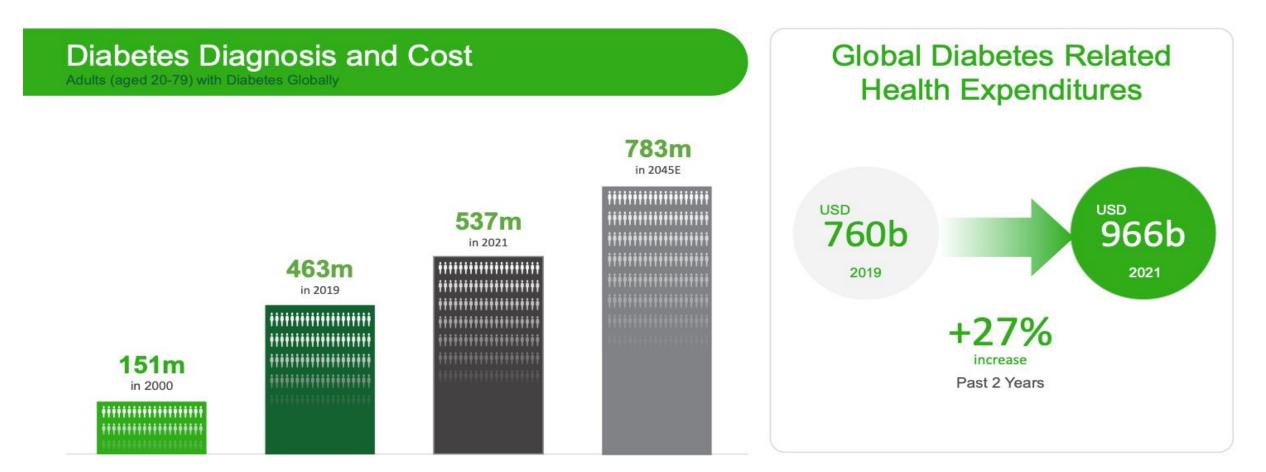
## **Company presentation**







### A Global Crisis that Remains Uncontrolled



Source: IDF Atlas, 10th edition (2021)



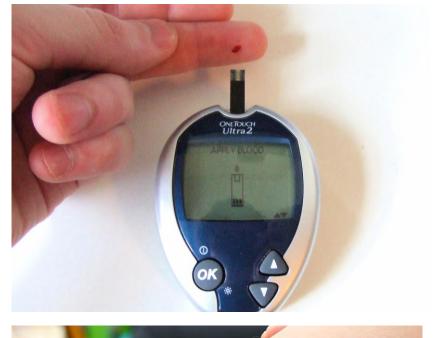
# **Glucose Monitoring**

Standard treatment

Blood Glucose Meter

State-of-the art treatment

**Continuos Glucose Monitor** 







## Sensing principles – Continuous Glucose Monitoring

Glucose oxidase

Dexcom (G6 & G7), Medtronic, Abbott (FreeStyle Libre 2 & 3)

> Longevity: 7- 14 days Annual cost: \$ 1.500 - 4.000





Senseonics (Eversense)

Longevity: 180 days Annual cost: \$ 6.000

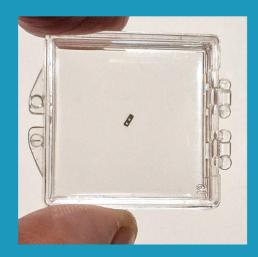


Osmotic pressure

Lifecare (Sencell)

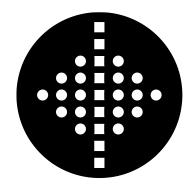
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Longevity: 172 days (in-vitro) Annual cost: >\$ 2.000 (assumption)



Clinical stage sensor company developing the worlds smallest Continuous Glucose Monitor





# LIFECARE

Sencell system

- ✓ Size of a grain of rice
- Injected under the skin
- ✓ 6 months longevity
- ✓ No calibration needed





## **Clinical status**

Study «LFC-SEN-001» – concluded May 2023

presented at American Diabetes Association Scientific Sessions June 23

#### **Purpose:**

Collect human proof-of-concept performance data for algorithm development during meal experiments and for further device optimization

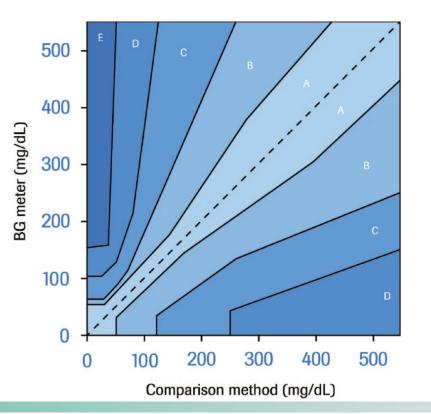
#### **Conclusion:**

Subcutaneous glucose concentrations was tracked in a manner comparable as the Libre 2 or Dexcom G7 needle sensors.

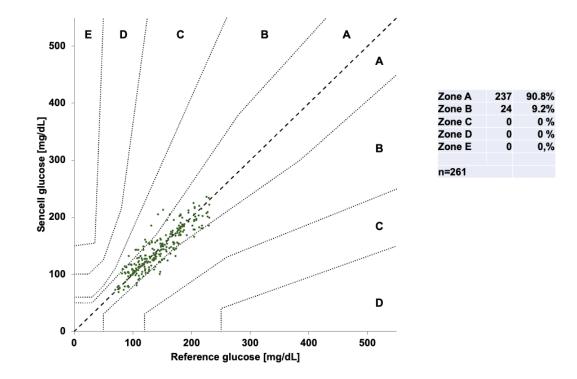


### Clinical accuracy – Consensus error grid (ISO 15197: BG meters)

Results in zone A and B: regulatory accepted



LFC-SEN-001: Retrospective consensus error-grid analysis



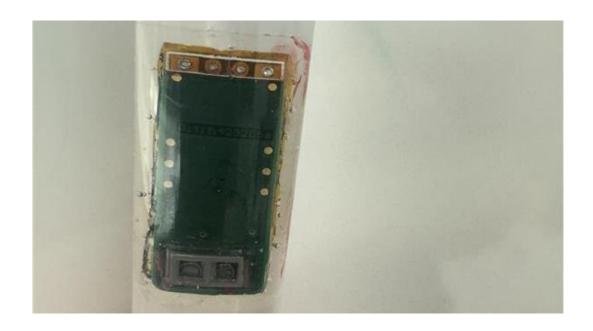


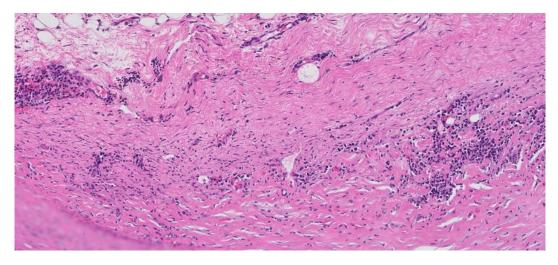
# Documented 12 weeks longevity in live tissue

Ongoing longevity study at in cooperation with the Veterinary institute at the Norwegian University of Life Sciences.

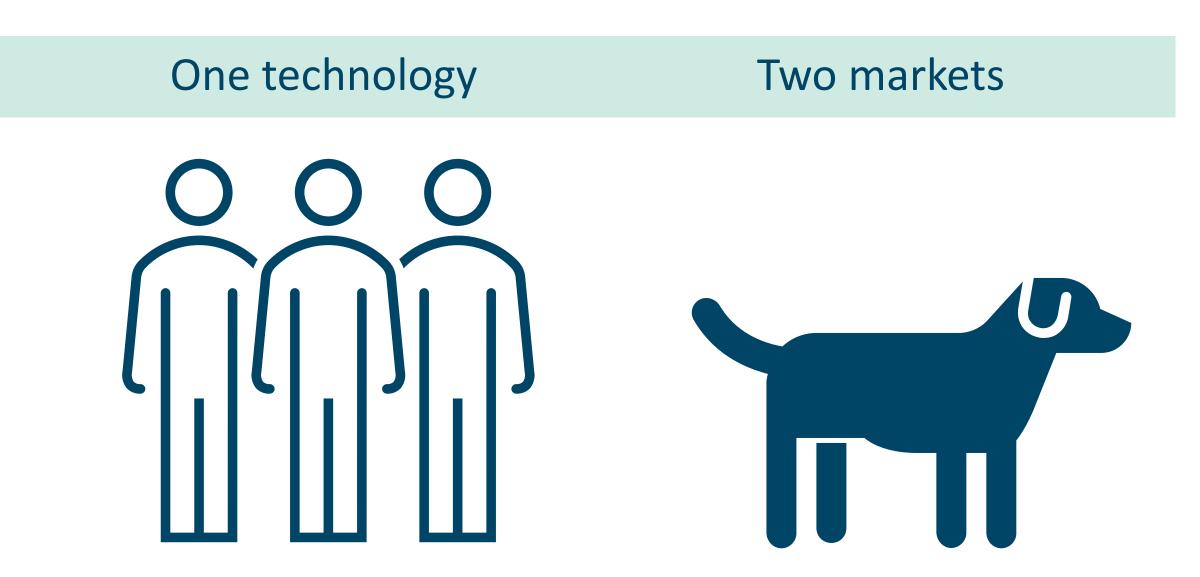
Implant in dog has shown 12 weeks functionality with no complications during the period or after explanation.

Bacteriological examination and biopsy confirm that no unexpected foreign body reactions occurred.











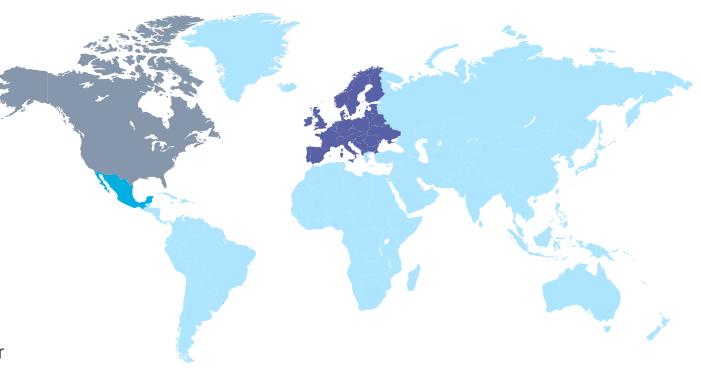
# The potential of Lifecare in the veterinary market

USA 85 million dogs 62 million cats USA 1 million 0.25 million Europe

> 90 million dogs 120 million cats

With diabetes 1.1 million 0.5 million

Number of dogs & cats that develop diabetes every year





# Product development agreement with Sanofi



Sanofi-Avenis Group sponsor the development program for miniaturizing the Sencell Glucose sensor with funding of EUR 290.000 based on completion of defined development phases



The Development Agreement is **based on a robust evaluation and due diligence process** from Sanofi scientists and business department, including a detailed review of the product development plan and the commercial aspects of Lifecare's Sencell Glucose relative to Sanofi's product portfolio and the competitive landscape



**Sanofi is entitled to a "first right of refusal"** to negotiate an exclusive and worldwide distribution license of Lifecare technology and IP for glucose monitoring.



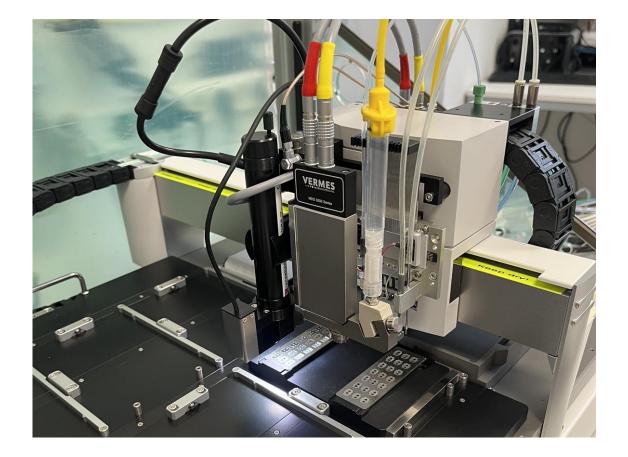
# Progress

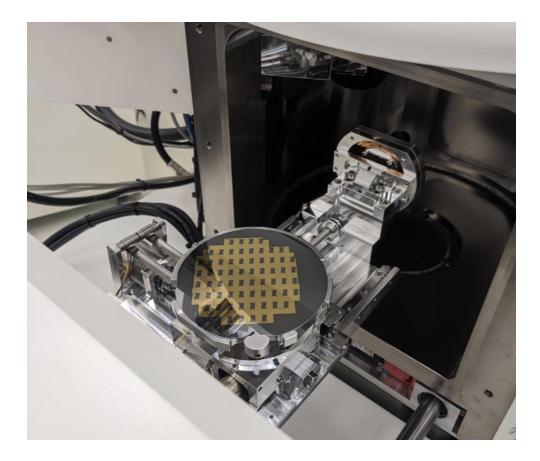
	Studies	Regulatory compliance	Production and market lauch
2022	Successful in-vitro testing confirming functionality of miniaturized sensors Proof-of-concept in humans	Approval for accuracy study LFC- SEN-001	Production location secured
2023	In-human study (LFC-SEN-001) confirming clinical accuracy in line with gold standard Longevity study of the Sencell sensor with operational lifetime of more than 172 days	ISO 9001 and ISO 13485 certified Norwegian Medicine Agency confirms no specific regulation for Sencell sensor medical device for animals in Norway Approval for longevity study in dogs (LFC-SEN-002)	Preparations for automated production
2024	In-dogs longevity study (LCF- SEN-002) confirming operational lifetime Preperations for LFC-SEN-003	Expect to receive approval for clinical study LFC-SEN-003 CE approved device to remove subdermal implants	Pilot production Automated production Product launch for veterinary market





## From pilot to automated production







# Mainz: manufacturing facilities for volume production



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## Organization



Lifecare ASA (Bergen, NO)



Lifecare Laboratory (Mainz, DE)



Lifecare NanoBioSensors (Reutlingen, DE)



Lifecare Chemistry (Bristol UK)



Lifecare Veterinary (Bergen, NO)



RemovAid (Lysaker, NO)



## People





PhD: 7



Scientifical workers: 23

PhD-students: 4



