

MOBILE ECOSYSTEM FOR FARMERS: REPRODUCTIVE CELL ANALYSIS IN YOUR PHONE



AVAREBIOTECH



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Billions of animals, fish, and birds
need semen testing for reproductive success

Animal Market Size

\$0,2 BLN

Male Fertility Market

\$6 BLN

Animal Breeding
Market



FOOD SECURITY STRATEGY

Any lack of analysis accuracy
can result for farmers in losing
up to

50%
of annual income



100
countries

Support food security strategy

We transform your smartphone into a **pocket lab** to reduce the cost of semen analysis by

10

times

PRODUCT:

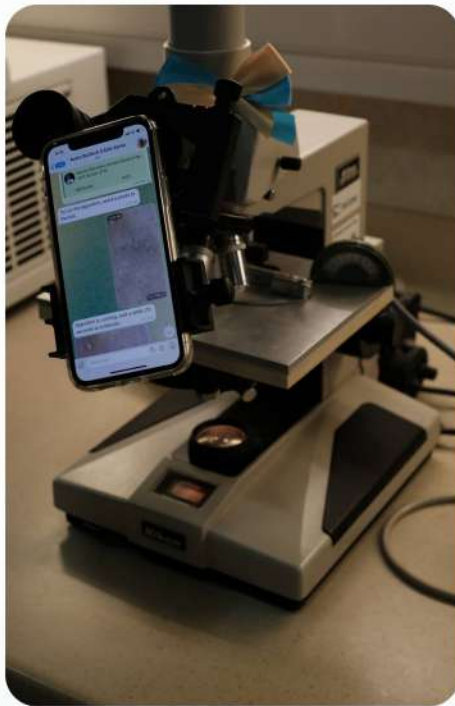
Cell Analysis App
Telegram Bot
CASA by Avare

PROGRESS:

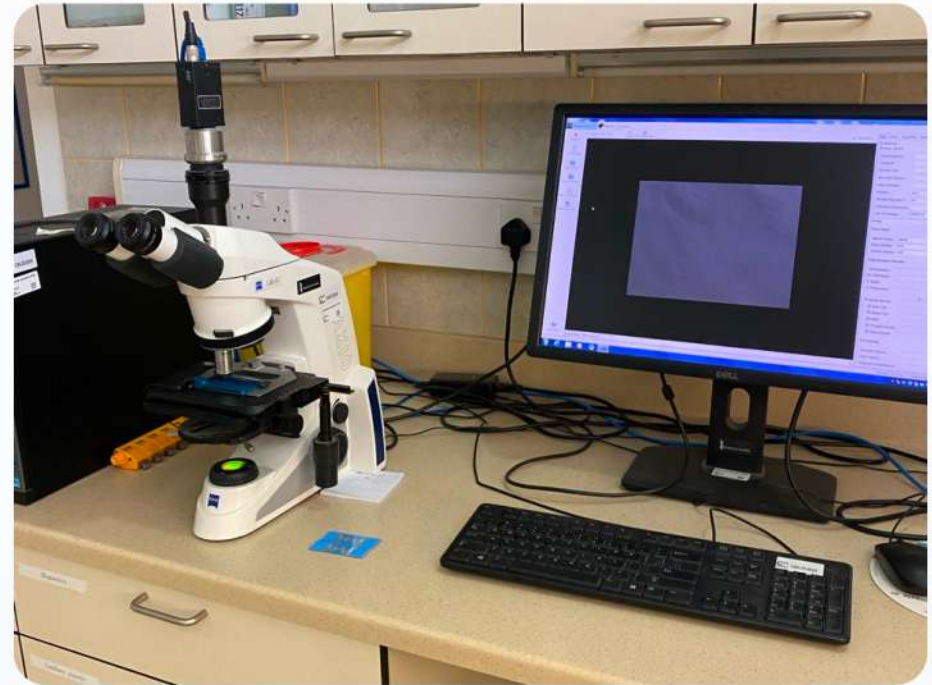
- developed
- initially tested
- being patented

Avare Semen SaaS achieved **95%** precision in concentration & motility analysis

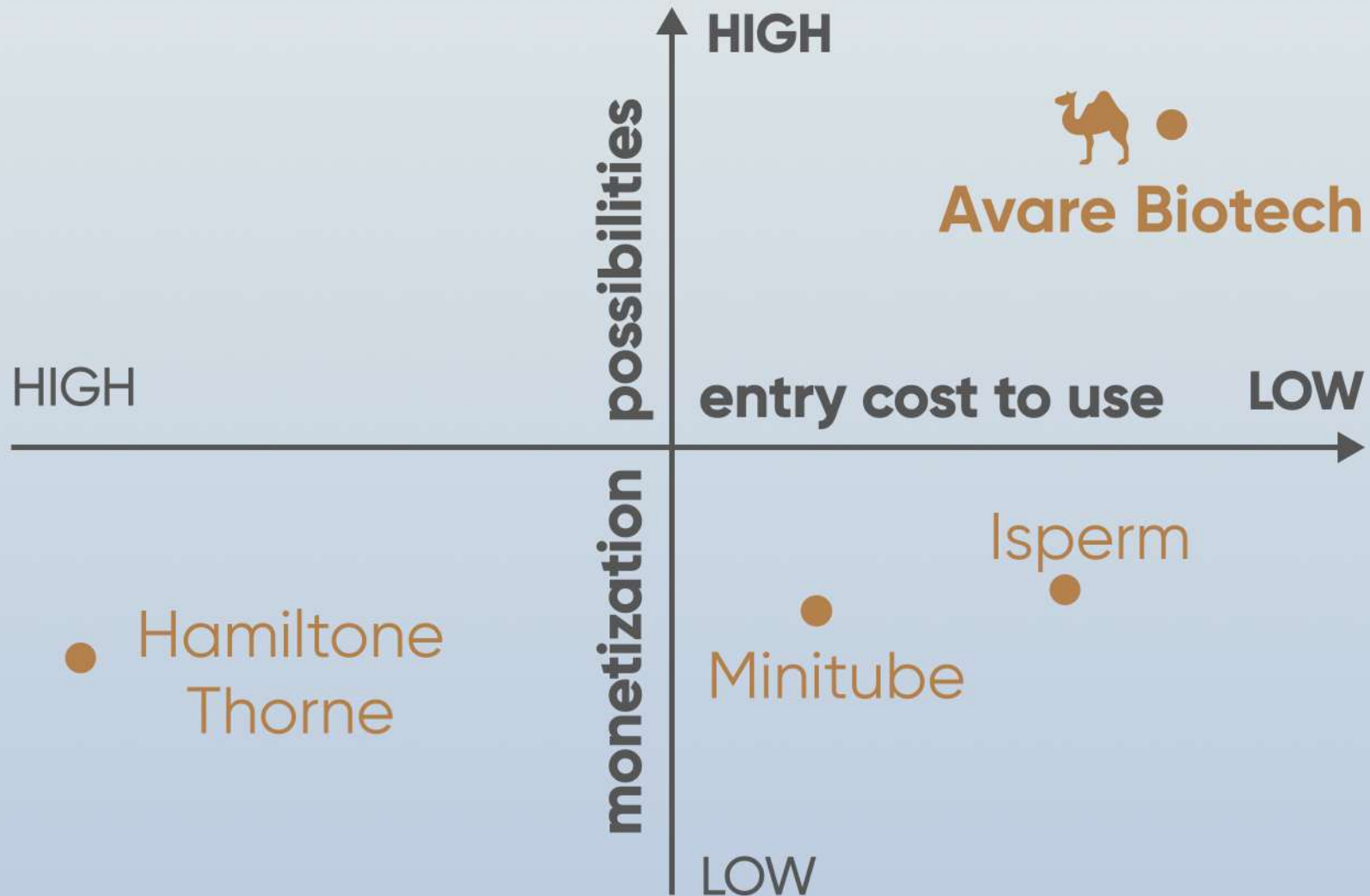
Avare Biotech

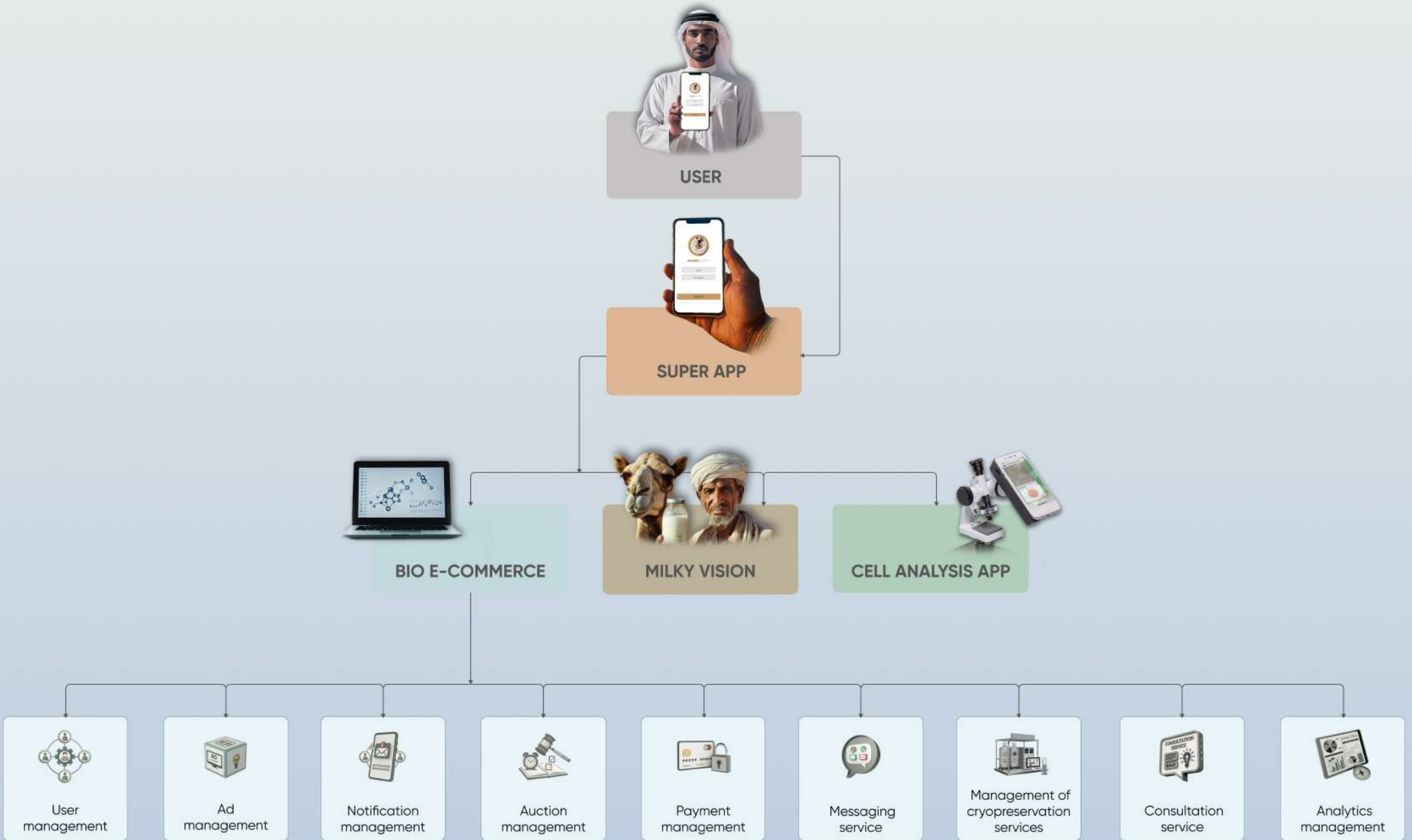


Hamilton Thorne



Our App delivers **instant data in seconds**, acting as a **screening test without** the need for **expensive hardware**





CAMILKUP

Predicting Camel Milk Production App





COMPUTER-ASSISTED



SEMEN ANALYSIS

CASA offers precise tools for analyzing reproductive material, ensuring accurate results and effective animal health management.

START YOUR ANALYSIS NOW

01 ——— 04



01

ANIMAL MARKET

Welcome to our exclusive marketplace, where you can easily buy, sell, or trade animals. Discover listings, from camels to horses, with secure transactions and expert assistance.



02

PLANT MARKET



03

GOODS MARKET



04

BIOMATERIAL MARKET



Pocket CASA value

- instant analysis of semen parameters **in your pocket**
- Available camels **fertility rate over decades by one click**
- Camel **biomaterial certification** for global trading



CORE TEAM

The strongest and resilient **partnership** that has been **tested and verified by 7 years** of building businesses together



MAKSIM MERSHIEV
CEO
SALES, ENTERPRISE,
BIOTECH



EDUARD BARYSHEV
CMO, CRO
MARKETING, AI, AND
SOFTWARE DEVELOPMENT



LOCAL CAMEL TEAM

DR. LULU

- SCIENTIFIC DIRECTOR OF THE CAMEL REPRODUCTION CENTRE IN DUBAI
- CAMEL GYNAECOLOGIS
- SPECIALIST EMBRYO TRANSFER & ARTIFICIAL INSEMINATION
- 33-YRS EXPERIENCE IN UAE

BRENDAN M.

- CAMEL EMBRYO TRANSFER SPECIALIST -
- VETERINARY EMBRYOLOGIST -
- IN VITRO FERTILIZATION

DR. ABDUL RAZIQ KAKAR

- INTERNATIONAL CAMEL DAIRYING CONSULTANT
- FOUNDER OF THE WORLD CAMEL DAY AND CAMELALIFE INTERNATIONAL

MAXIM MERSHIEV

MANAGING DIRECTOR – CO-FOUNDER

- Main Functions:**
- Strategic Planning and Oversight
 - Stakeholder Management and Partnerships
 - Fundraising
 - CustDev and Sales

IT ECOSYSTEM DEVELOPMENT

ALEXEY STADNIC

CO-FOUNDER

- Main Functions:**
- CASA Software Development
 - Data Set preparation

ROMAN LYSKOV

ML DEVELOPER

- Machine Learning Development
- Algorithm Optimization

ILJA VOROBEV

ML DEVELOPER

- Machine Learning Development
- Algorithm Optimization

FISH BREEDING

ALEKSANDRA KRASILNIKOVA

PH.D. RESEARCHER

With over 15 years of experience in reproductive technologies and cryobiology, leads innovative projects in fish reproductive cells cryopreservation. She has realized multiple R&D projects and holds extensive experience in cryobanks across Russia, the Czech Republic, and Italy. Aleksandra's expertise in cutting-edge cryopreservation techniques significantly enhances Avare Biotech's capabilities in advancing sustainable aquaculture solutions

ELENA PONOMAREVA

DOCTOR OF BIOLOGICAL SCIENCES AND PROFESSOR

Is a leading expert in aquaculture and reproductive biotechnologies with over 250 scientific papers and 9 patents. As the Head of the Department of Aquatic Biological Resources at SSC-RAS, she brings extensive experience in developing biotechnologies for fish reproductive cells cryopreservation, crucial for Avare Biotech's innovative projects

MATVEY KOVALENKO

HEAD OF AQUA FARM, SENIOR RESEARCHER, PH.D.

With 20+ years of experience in state-of-the-art technologies in aquaculture and reproduction. Member of team 15+ R&D projects focused on reproduction, aquaculture and cryopreservation

NATALIA BIRYUKOVA

DESIGNER, SMM & MARKETING SPECIALIST

- Branding and Visual Identity
- Social Media Management
- Marketing to Sales

Theta 7

ACCOUNTING SERVICE

- Financial Management
- Compliance

VLADIMIR PRYMAK

COO

- Operational Efficiency
- Process Management

AQUA BRIDGE GROUP



AQUA BRIDGE GROUP

AVARE BIOTECH:

Turning your data into profit—
farm success now at your fingertips

