



STARAMBA – CORPORATE PRESENTATION

THEME TODAY



“Virtual reality could be the next big Social Platform and connect more than a billion people”

- Mark Zuckerberg



„People are the most interesting thing in the world to other people. Unfortunately, we're also highly sensitive to the nuances of other people, so enabling virtual humans is one Of the hardest parts of VR.“

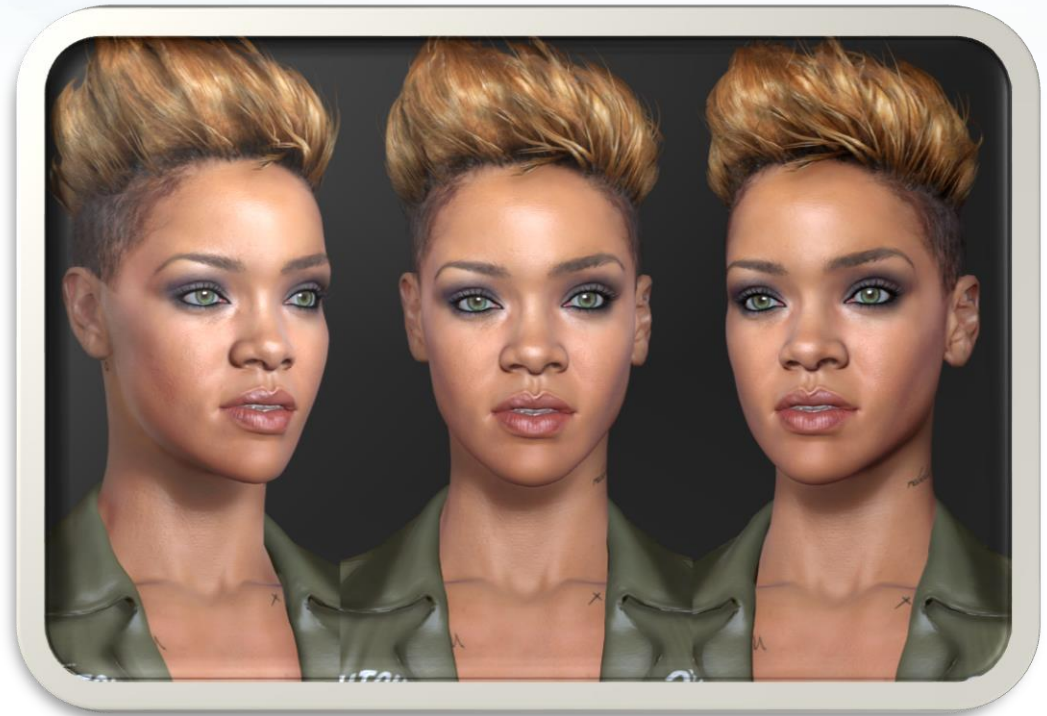
- Michael Abrash, Oculus Chief Scientist

Photorealism in VR: Avatars

Facebook Spaces: Avatars



Staramba.spaces: Avatars



Comparison Oculus and Staramba

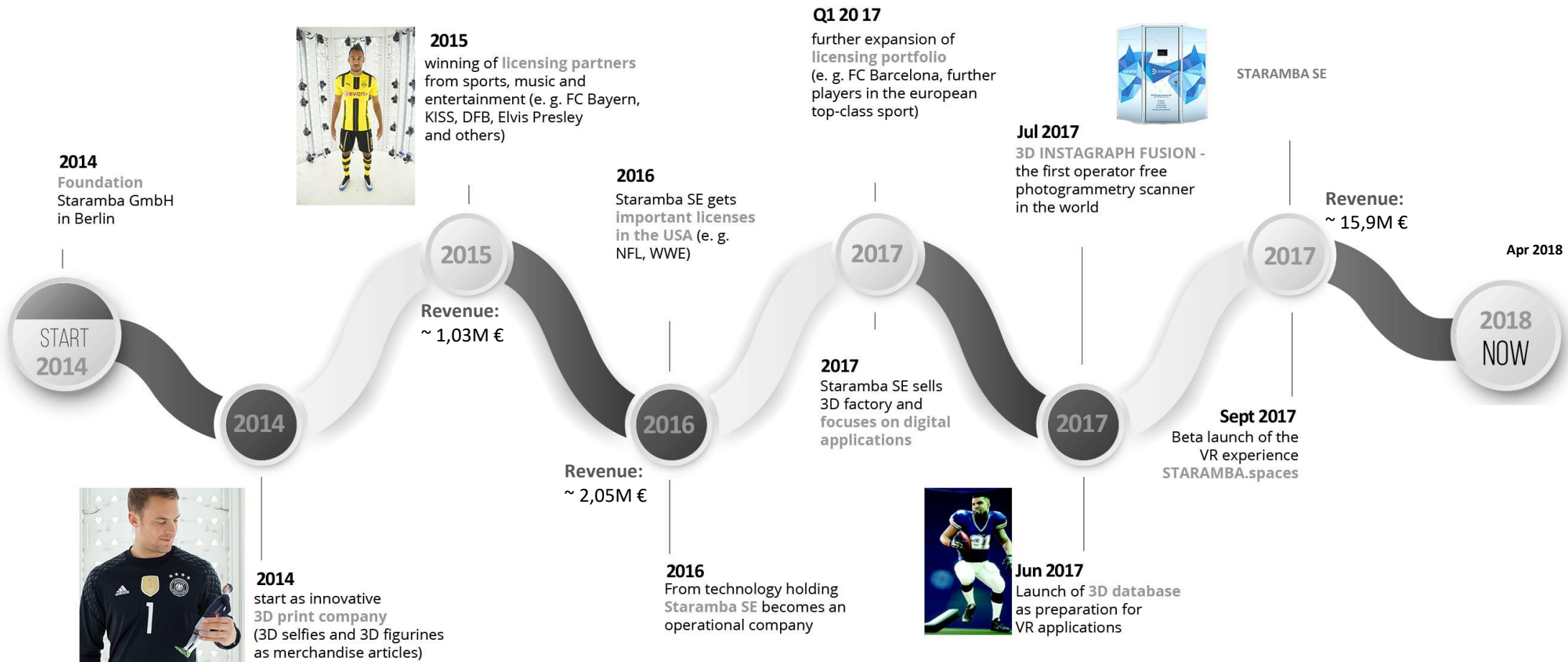
Version of **Oculus Rooms**



STARAMBA.spaces



STARAMBA SE – OUR MILESTONES



EXECUTIVE SUMMARY

COMPANY OVERVIEW

Founded in 2014, Staramba is a Berlin-based company producing products & services for the VR market

90 employees from 18 countries

Present in **GER and U.S.** (Los Angeles)

estimated revenue

2017: €15.9M

2020: €85M,

2021: +€200M

Company listed on the **XETRA Stock Exchange**

HIGHLIGHTS

Leading in the market for 3D body scanning

Producing lifelike avatars

Leading in the market of 3D avatars: STARAMBA holds the **world's largest avatar databases of sports stars, entertainers, and other celebrities**

First to market: Launching the VR Experience **STARAMBA.spaces** in summer 2018



OPPORTUNITY

Building a company that will be recognised as industry leader on both sides of the Atlantic

Broadening institutional shareholdership

COMPANY PURPOSE

MISSION

What if **ANYBODY, ANYTIME, ANYWHERE** could meet the STARS he loves?

Talk to them. Play with them. Have a party with them.



VALUE PROPOSITION

Through state of the art technology solutions we help you to create your own **lifelike 3D-avatar** and invite you to the amazing worlds of

- **STARAMBA.spaces** to connect with your stars & friends
- full color 3D printing and
- all kinds of 3D use cases will come within the next years



GOALS

Become the **#1 player** worldwide with the largest database of lifelike avatars

Become the leader in life-like 3D scanning technology

Become the **#1 social VR platform** with **STARAMBA.spaces** to enable people to join stars and friends



PRODUCT PORTFOLIO

3D SCANNING – 3D INSTAGRAPH®

3D Scanning Revolution

The **new 3D INSTAGRAPH® Pro** and the **3D INSTAGRAPH® Fusion** link industrial strength and smart process automation to one of the most advanced full body scanning systems available on the market – without operators being involved

Cloud based software platform unleashes the power of the brand new 3D rendering engine

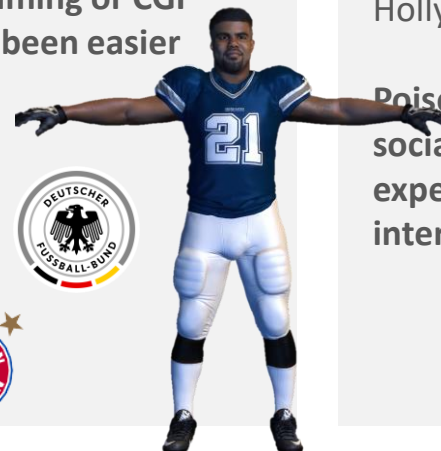


3D AVATAR DATABASE

Staramba's VR database includes more than **7.000** photorealistic 3D characters of international celebrities and private models

Get full access through the online navigator or through the developer friendly **VR API**

Casting sophisticated 3D characters for professional VR, AR, gaming or CGI productions has never been easier



STARAMBA.spaces

Mind-blowing VR Experience

Virtual place where you can meet and interact with international celebrities

Experience a virtual concert of your favorite music band, take a private training lesson with your personal sports idol or become an actor inside a virtual movie scene with a real Hollywood star

Poised to become THE proprietary social platform for unique celebrity experiences and true social interaction



PRODUCT PORTFOLIO - 3D SCANNING



PES 2018 Usain Bolt Reveal Trailer

Usain Bolt
as a digital model & inside the 3D-INSTAGRAPH®

PRODUCT PORTFOLIO - 3D SCANNING



3D INSTAGRAPH
SCAN SYSTEMS MADE BY STARAMBA

Fast 3D-scans without operator and without post processing



HIGHLIGHTS

Web Preview

As soon as you have been scanned, the 3D INSTAGRAPH®'s **cloud rendering engine** automatically generates your high-res **3D model** and sends it to your **smartphone or computer**

Scanning Assistant

The new 3D INSTAGRAPH® is a self-operating system that enables you to create professional 3D scans just by using the **built-in touch panels**

Cloud Platform

The Staramba Cloud Platform is a tool for users, owners and services providers. Users get access to various **services like fitness, fashion and gaming applications** that refer to your 3D model

Motion Detection

The 3D INSTAGRAPH® is equipped with a smart motion detection system. Based on the detected position data, the 3D INSTAGRAPH® gently tells users **how to position inside** the scanning room in order to get the desired scanning result

PRODUCT PORTFOLIO – 3D Database

3D AVATAR DATABASE

Exclusive **partnerships** with 14 international top clubs, 2 National Soccer teams

Universal Music , Bravado, WWE Stars, National Football League Player Association (NFL PA)

Growing every day from 6,000 today to 10,000 tomorrow...

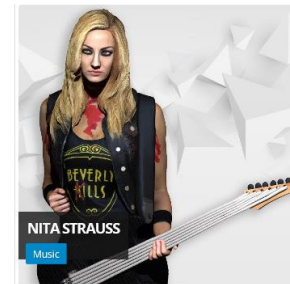
Soccer



NFL



Wrestling



PRODUCT PORTFOLIO – STARAMBA.spaces

STARAMBA.spaces Composition

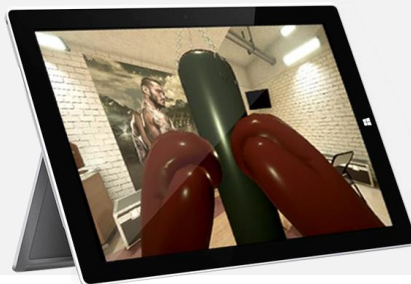
STARAMBA.spaces is composed of **different areas** - all represented by single islands arranged around the central meeting point, kind of a market place, the **main Hub**. Areas that will be available for the launch are:

The **main Hub**, departure point for every social VR experience, the **place** where users can **date, chat and meet with friends**

The **star.spaces** available from the beginning

- Real Madrid
- Rammstein
- Superstars of the WWE
- NFL stars

VR Shop



Modular set up offers high flexibility!

Upcoming areas

- 360° Movie Dome
- Real Estate Office
- Casino Dome / Sportsbar
- Casting Dome



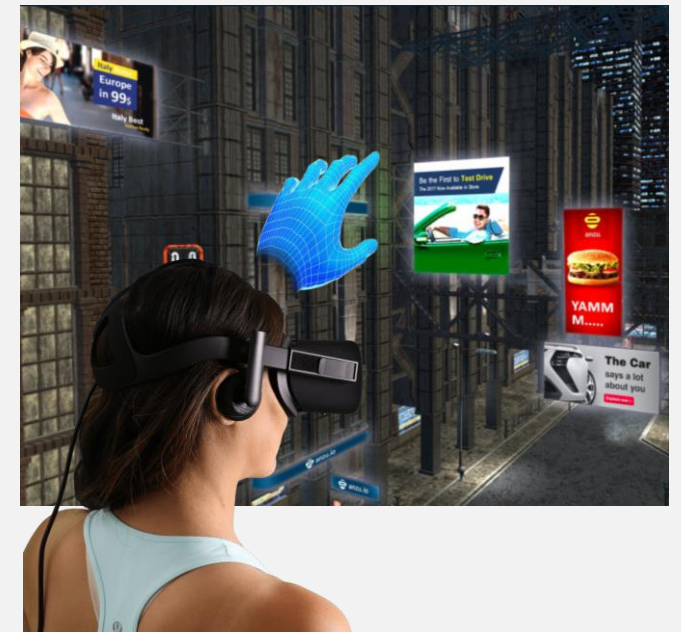
ROYALTY – DIGITAL CURRENCY for STARAMBA.spaces

Characterization

- Revolutionizing license billing worldwide!
- Financing of STARAMBA.spaces
- Securing the customer base through targeted offers and discounts

Scope

- In-app currency of STARAMBA.spaces
- Pricing and settlement based on transaction data
- Settlement of royalties



THE OPPORTUNITY – THE PATH TO FUTURE GROWTH

VR Database

Further **expanding** the VR **database** thru (exclusive) partnerships with sports and media celebrities

3D INSTAGRAPH®

Expanding the global **network** of advanced scanners – access to all **key markets** and further **technical** development

STARAMBA.spaces

Create **more scenarios, deeper experiences, attract more Stars**

After launch → increase number of users to over 20 million in the next 5 years

Increase sales to over EUR 800 million and margin to approx. 50% in 5 years

Pre generated sales via establishing **ROYALTY** as means of payment in STARAMBA.spaces

FINANCIALS

Dynamic Sales Growth

in € millions	2017***	H1 2017	2016**	2015	2014*
Sales	15.9	5.3	5.1	1.0	0.14
Market Cap.	150.0	105.8	24.5	13.6	n.a.

*Staramba GmbH

** Sum of sales and profit from disposal of 3D-manufactory

*** estimate figures

Staramba

Touch the Future

Staramba TEAM



Fredi Bobic
Chairman of the
Advisory Board



Christian Daudert
Managing Director



Marthe Wolbring
Member of the Board
of Directors



Marko Rehmer
Advisory Board
member



Rolf Elgeti
Member of the Board
of Directors



**Prof. Dr. Clemens
Skibicki**
Member of the Board
of Directors



Hasan Salihamidzic
Advisory Board
member



Frédéric Cremer
COO



Marc O. Kneifel
CTO

3D-/VR- and Scan-Experts (90 employees/ 20 Countries)



STARAMBA TEAM

MANAGEMENT TEAM

Christian Daudert - Co-Founder and CEO

Experience: 20 years experience in bringing new technologies into the world of sport & entertainment

Martin Bauernfeind – VP VR (Vice President VR)

Experience: 20 years in 2D/3D production

Marc O. Kneifel – CTO (Chief Technology Officer)

Experience: inventor of the 3D INSTAGRAPH®, 3 years scanner R&D with a team of 10 people

Frédéric Cremer – COO (Chief Operating Officer / Business Development)

Experience: 17 years in game development and publishing (Ubisoft, Gameloft,...)

Thomas Richter – Chief Advisor

Experience: 20 years in music and entertainment industry

Board of Directors

Marthe Wolbring

Prof. Dr. Clemens Skibicki

Marc O. Kneifel

Rolf Elgeti

Christian Daudert

Board of Advisors

Chairman of the Advisory Board

Fredi Bobic

Advisory board members

Marko Rehmer

Hasan Salihamidzic

Oliver Neuville

Gerd Bernard

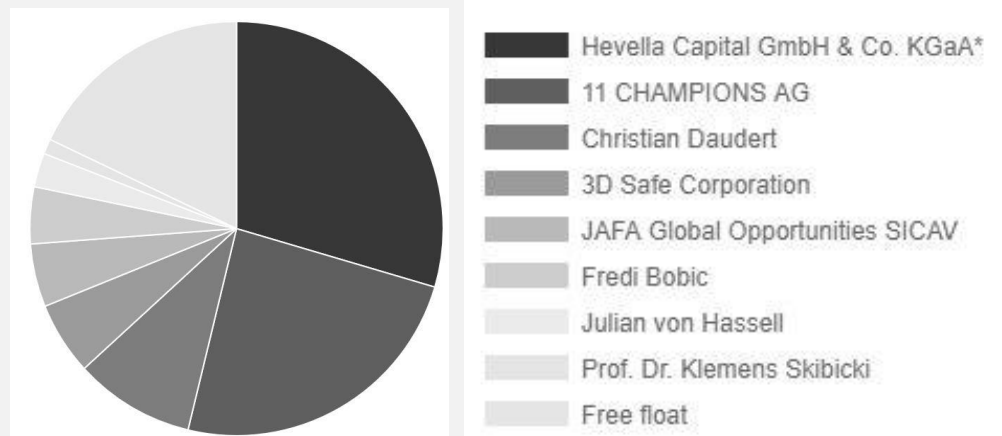


WWE Superstars
as digital models:
Nikki Bella, Goldust,
Randy Orton (f.l.)

SHARES GENERAL DATA

Share Capital	€ 2,332,755
Market Capitalization	€ 100 million
Amount of shares	2,332,755
WKN (Securities Code Number)	A1K03W
ISIN	DE000A1K03W5
Bloomberg	99SC
Class of Shares	zero valued Bearer shares
Exchange Segment	General Standard
Stock Exchanges	XETRA, Frankfurt, Berlin
Designated Sponsor	Oddo Seydler Bank AG

Shareholder Structure



* Rolf Elgeti sind 29,56% gem. § 22 WpHG. von der Hevella Capital GmbH & Co. KGaA zuzurechnen



SHAREPRICE DEVELOPMENT (XETRA, 1Y)





CONTACT STARAMBA

Follow us on



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