

Geschäftsmodelle digital Denken im Industrial Metaverse

Your speaker today:

Dr. Daniel Diemers



EINFÜHRUNG



Dr. Daniel Diemers

- Working Group “Industry / Value Chain” of the Swiss Blockchain Federation (SBF)
- Expert Council Swiss Blockchain Federation (SBF)
- Board Member Swiss Metaverse Association (SMA)
- Head Expert Tribe SMA
- Co-Founder SNGLR Group (exponential technologies: AI, Blockchain, Metaverse)

DEFINITION (1)

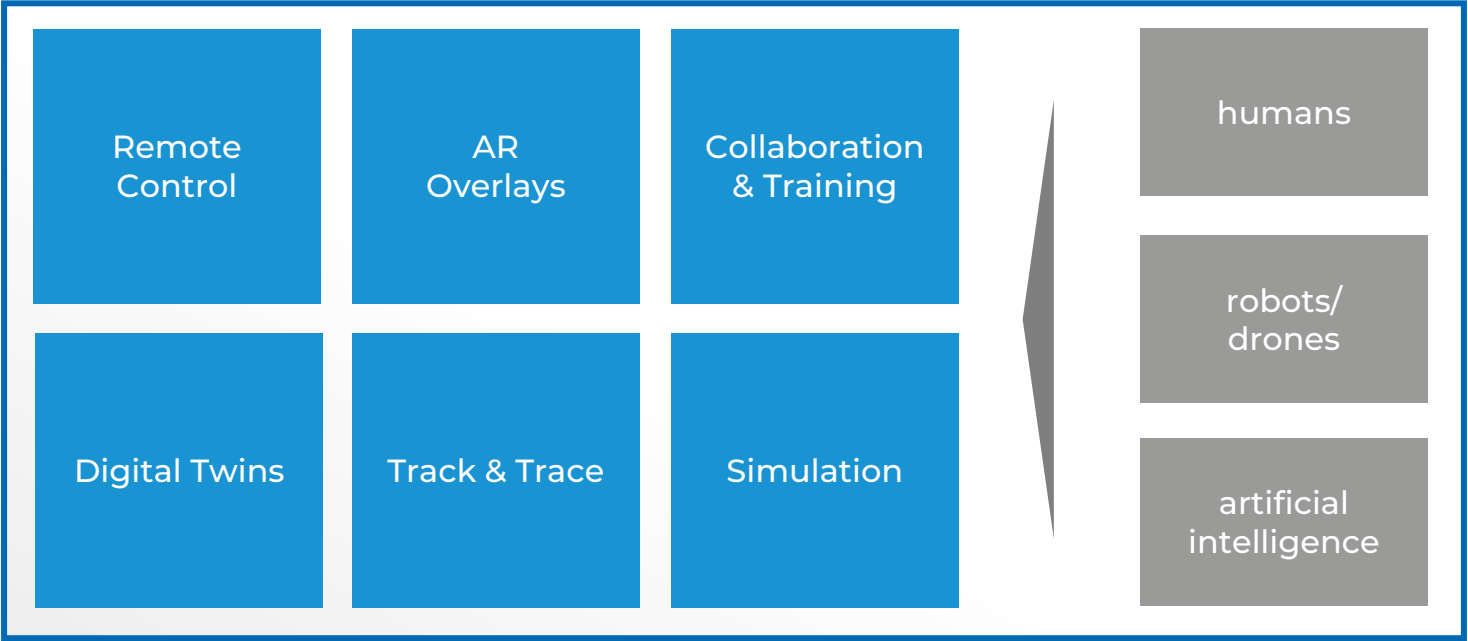
DEFINITION INDUSTRIAL METAVERSE

»real-time, persistent virtual spaces created for industrial applications«



DEFINITION (2)

FOCUS
APPLICATIONS



PARTICIPANTS



ENABLING EXPONENTIAL TECHNOLOGIES



THE TRANSITION IS FUNDAMENTAL – NEW PARADIGMS EMERGE

Industry 1.0 Paradigms

Human centric

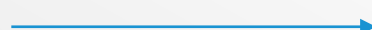
Closed systems with OEMs

Batch & cycles

Just-in-time

Complex planning

Quality control frameworks



Industrial Metaverse

AI & Robot-centric

Open Ecosystems with full interoperability

Real-time

predictive load balancing

adaptive manufacturing & production

self-optimization and early warning system

CREATING THE INDUSTRIAL METAVERSE HAS ITS OWN CHALLENGES

KEY CHALLENGES

- Complexity
- Interoperability
- Resilience
- Cyber
- Regulation
- Sustainability
- Base materials supply
- Digitalization of processes, incl. global logistics
- Connectivity
- Energy

HYUNDAI X UNITY



HYUNDAI X UNITY



“HMGICS will become a manufacturing innovation 'game changer' through this world class Meta-Factory collaboration. And HMGICS will lead the future innovation by introducing various technologies that will transform mobility paradigm through human-centered value chain innovation.”

Youngcho Chi

President and Chief Innovation Officer of Hyundai Motor Group

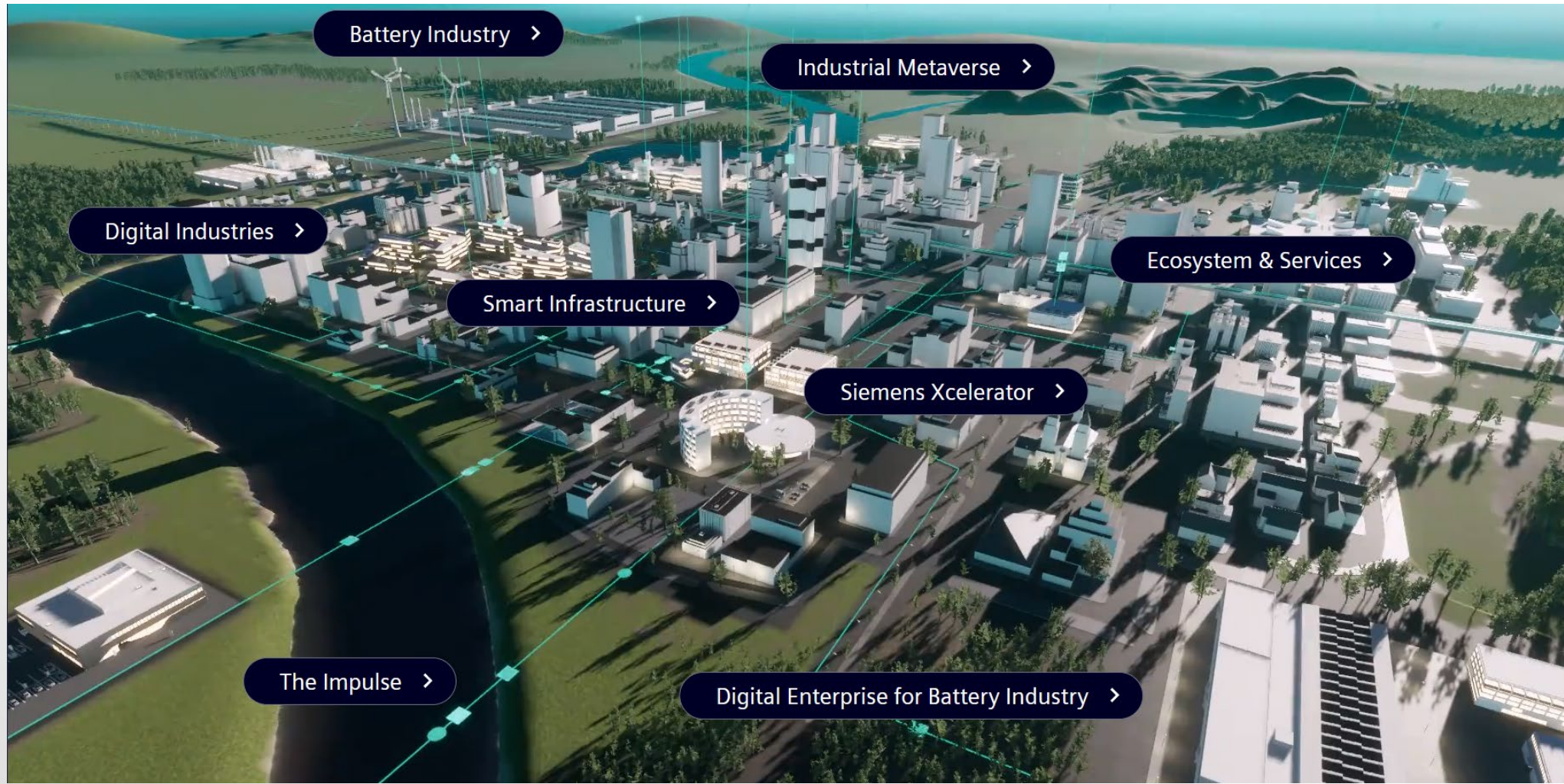
“Real-time digital twins will permanently change how we live, work, shop and make a positive impact on our planet, representing a significant component of what is often referred to as the metaverse. Hyundai’s vision for the future, including the digital twin of factory operations, represents a significant technological step forward in manufacturing with unlimited potential in its efficiency.”



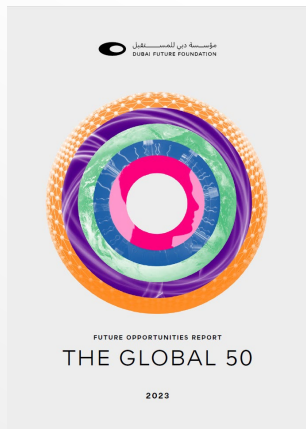
John Riccitiello

Former Chief Executive Officer (CEO), Unity

SIEMENS



REPORTS ANYONE?



DUBAI FUTURE
FOUNDATION



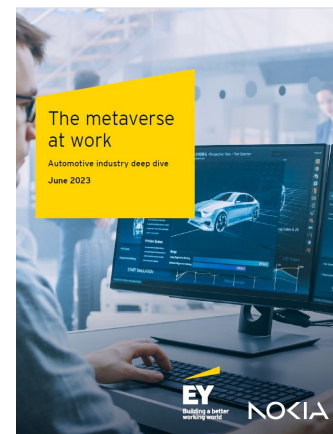
SIEMENS X M.I.T.



FRAUNHOFER
INSTITUTE



ARTHUR D. LITTLE



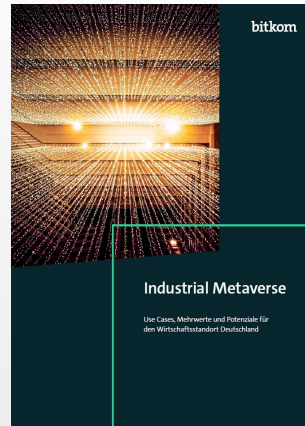
EY X NOKIA



MCKINSEY



WEF



BITKOM

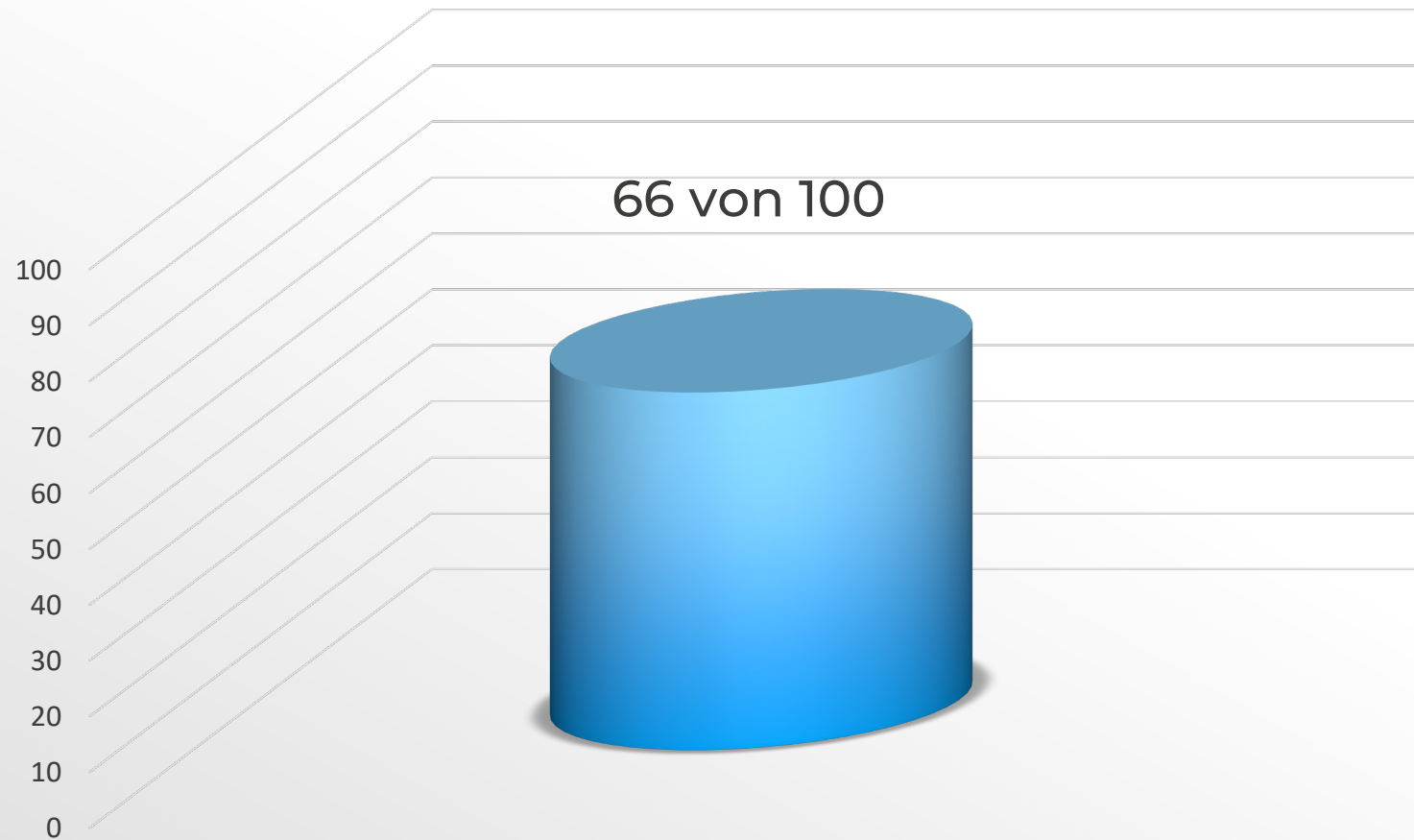
WHAT ABOUT SWITZERLAND?



- 2023 Project by SNGLR Digital
- 30 CEOs of mid-sized and larger SME as well as SMI companies from Switzerland
- Half-Day metaverse workshop on strategic topics and hands-on experiences
- Focus on status quo and appetite to further engage with metaverse, incl. industrial metaverse, metaverse for marketing, sales & loyalty, etc.

SURVEY RESULTS 2023

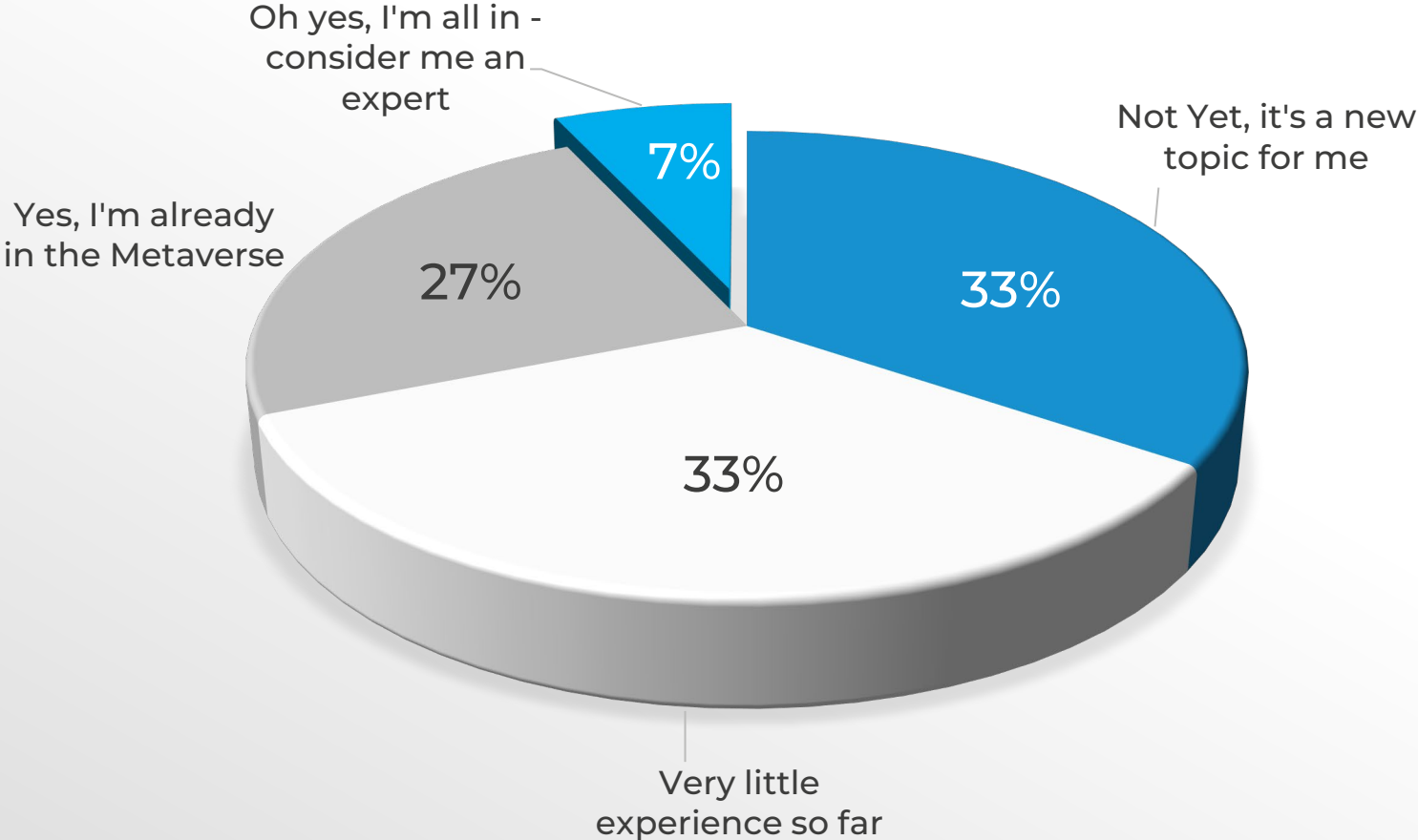
ASSESSMENT OF POTENTIAL



Wie hoch schätzt Du die zukünftige Relevanz und das Potenzial für das Thema Metaverse ein?

SURVEY RESULTS 2023

EXPERIENCE LEVEL | INDIVIDUAL

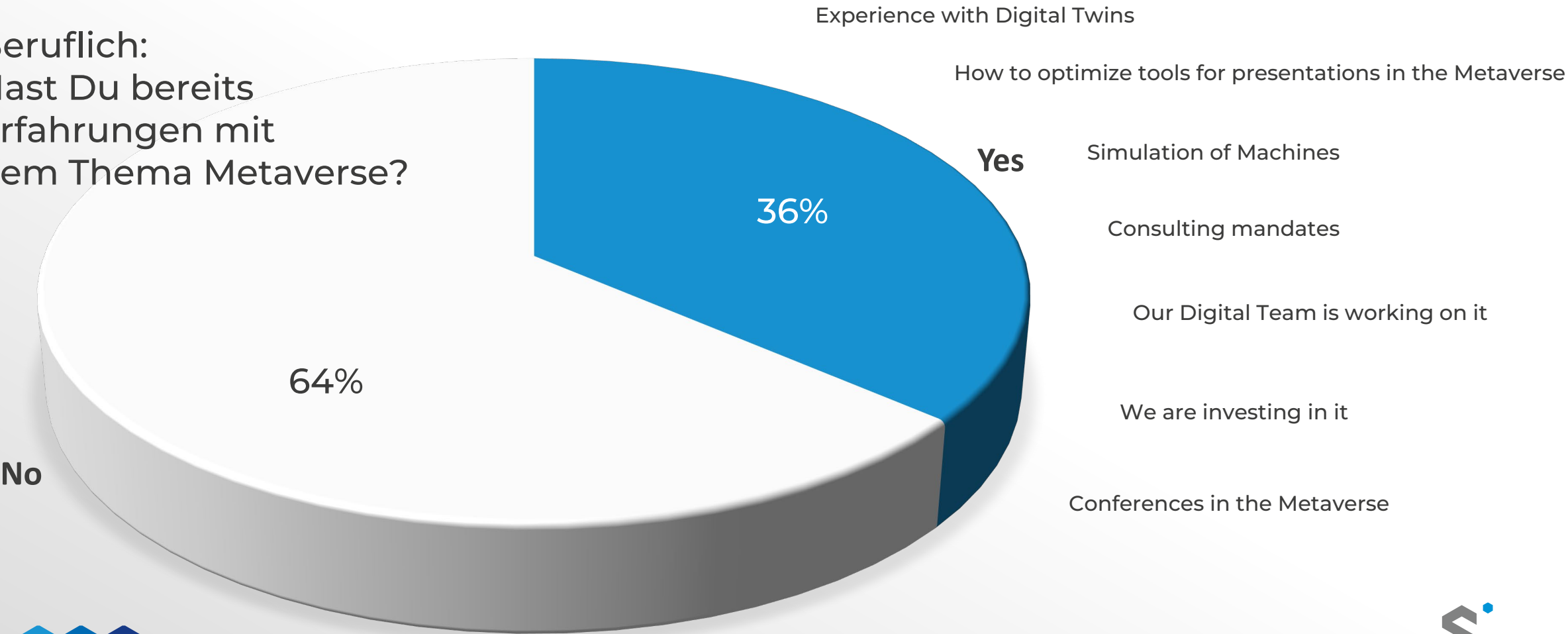


Privat:
Hast Du bereits
Erfahrungen mit dem
Thema Metaverse?

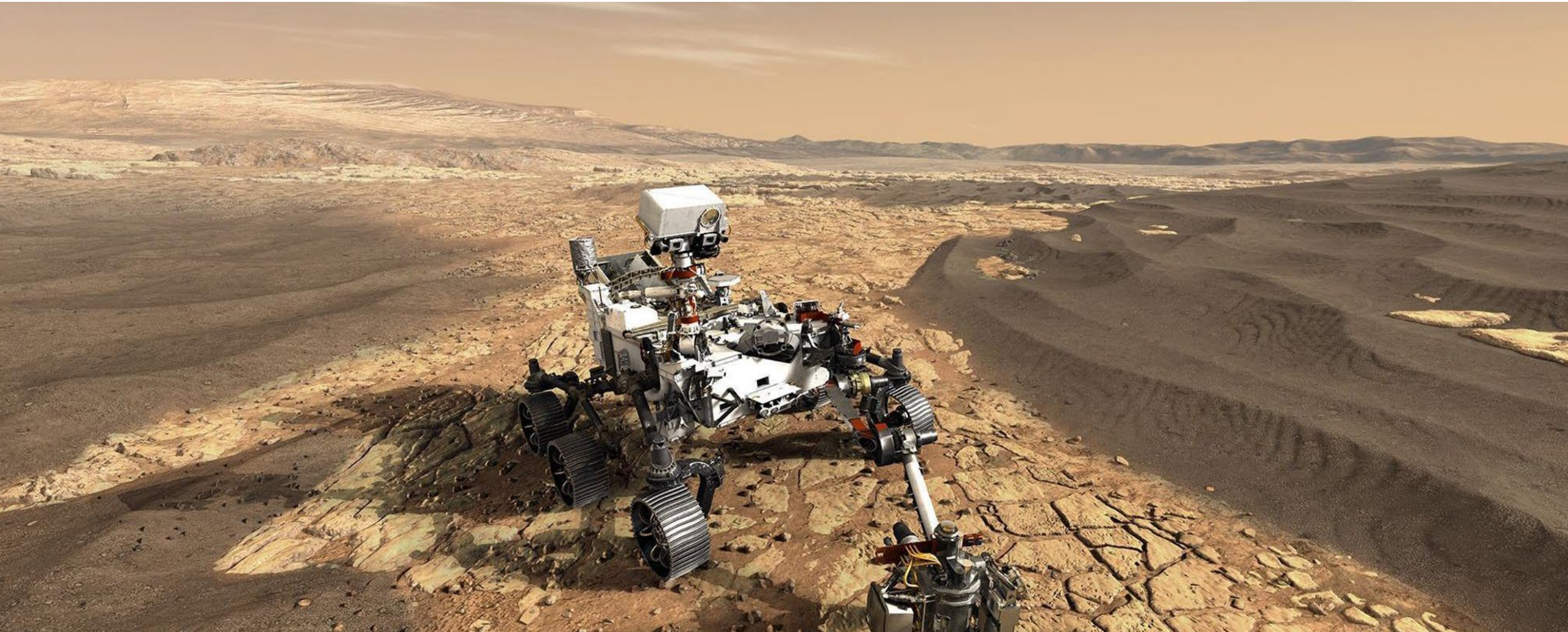
SURVEY RESULTS 2023

EXPERIENCE LEVEL | BUSINESS

Beruflich:
Hast Du bereits
Erfahrungen mit
dem Thema Metaverse?



OUTLOOK



CONTACT US

We're happy to hear from you:



Daniel Diemers



+41 79 6200 929



daniel@snglr.digital



www.snglr.group

connect with us on social media:

linkedin, instagram, signal, whatsapp, telegram, discord

follow our blog & podcast

blog.snglr.group

[SNGLR Podcast](#)



