





- 2. Empowering SMEs to build & participate as a necessary intermediary step
- 3. Demand for Infrastructure and hubs









PLATFORM INNOVATION FOR SMALL AND MEDIUM-SIZED BUSINESSES

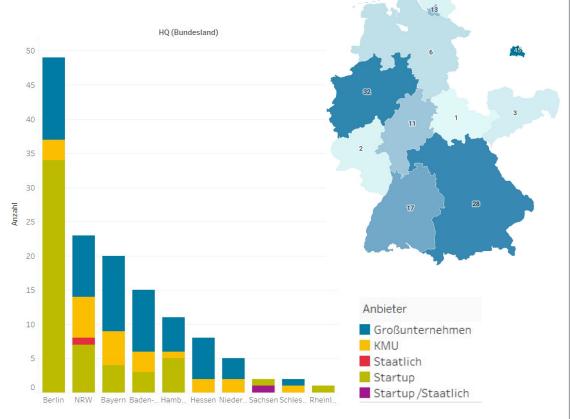
Desk Research Scientific Network Analysis

- **21** Expert Interviews
 - **3** Case Studies and
 - Policy Co-Creation Workshop with Participants from Business, Politics und Academia

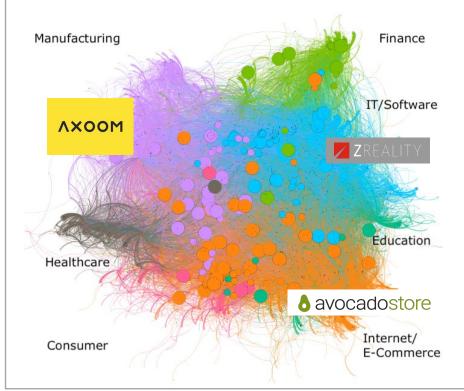
Find the Report online (in German only): https://graphite.page/hiig-dapla

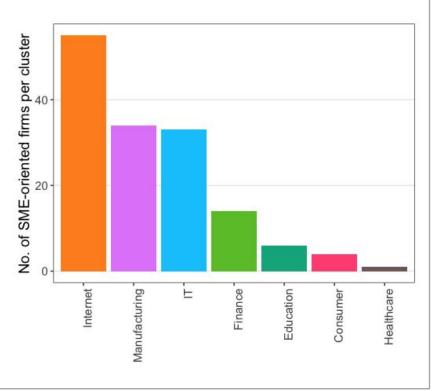
SME-oriented Platforms (MOP) - mostly built by large corporates & startups

- 160+ SME-oriented Platforms
- **60** Corporates, **38** SMEs, **61** Startups, **1** state-supported (Gaia-X)
- 5 Data-kooperations, 3 of them by SMEs (SPOCC GmbH & Co., AIR Supply, ADAMOS); 2 of them non-SME owned (Free Now, Gaia-X)
- **2** in the former East Germany region (PRISMA European Capacity Platform GmbH, Dregeno eG)



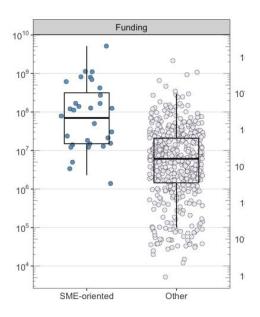
MOPs exist across the network of German technology companies, but above average in clusters around e-commerce, manufacturing and IT/software.



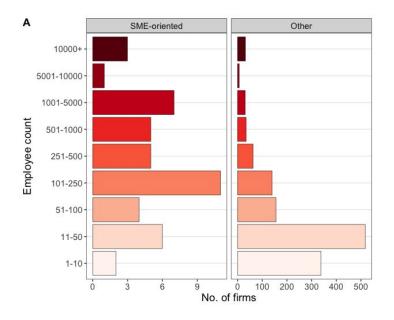


MOP...

obtain higher funding than other technology companies



tend to have a larger number of employees



Three central factors turned out to be particularly hindering the development and expansion of SME-oriented platforms:

INDEPENDENCE AND SELF-IMAGE OF THE MITTELSTAND





Stand-alone Solutions



Self-Image and Conflicting Values



Openness and Transparency

LACK OF RESOURCES



Platform Knowledge



Standards and Skills Shortages



Financial Resources

MARKET CONDITIONS IN THE B2B SECTOR





Sales cycles and Marketing

Excurse on: market conditions in the B2B sector and how it might affect platform-strategy implementation

Themes

Specialization	instead	of
Generalization		

Optimization instead of Disruption

Relationship-building instead of Anonymization

Conditions

Symmetric Actors (Koenen & Falck, 2020)	Actor Enablement (Björkdahl, 2020)	Trust Requirements (Otto & Jarke, 2019)
Heterogeneous Demand (Hein et al., 2019; Kapoor et al., 2021)	Existing Business (Reinartz et al., 2019)	Negative Network-Effects (Afuah, 2013; McIntyre, 2019)
Diversity of Strategy and Interests (Kenney et al., 2019; Hannah & Eisenhardt, 2018)	Cost of Failure (Petrik & Herzwurm, 2020)	Local Availability (Hein et al., 2019)

Exploratory case studies of three MOPs







Single Owne	r	Collective
Transaction		Innovation
Startup	Incumbent	Partnership

Core Results: Strategic Patterns

Community building independent of the platform

Substantial role of middlemen





Personal interactions between actors

Highly specialized platform sponsors





Policy Ideas for supporting Platform Innovation in SMEs



CONCRETE **ACTIONS**

> Expansion of locally existing services and strengthening of their links across the board



Platform Agency for Digital Building Blocks

Building digital infrastructures and promoting knowledge sharing and transfer













OTHER FIFLDS OF INTEREST

Broadband Network expansion

for B2B

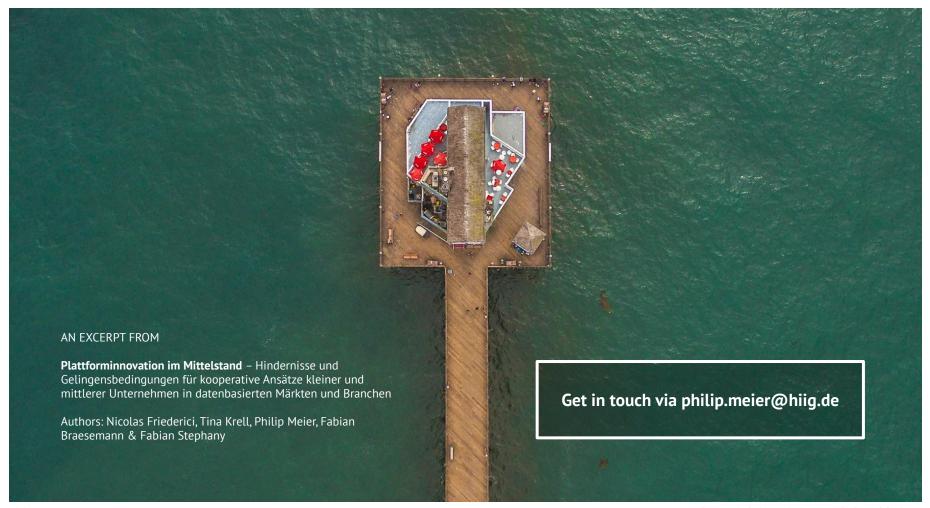
Regulation suitable Portability and **Centralized Accounts** Government **Funding**

Quality Seal for Transparency



Outlook

- 1. Systematization & Categorization
- 2. Value creation / capture
- 3. Standards & Ecosystems



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