Ratingen Digital
& SAP Digital Studio Ratingen

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How to become **agile**?
How to **win with digital**??
Can we survive?

SAP installed base in transactional markets and innovations such as HANA and S/4 put SAP on center stage of Digital Transformation

Things

People

Smart Things & Digital Assets
- Internet of Things & Industry 4.0
- Connected living beings
- Thing-to-thing commerce
- Autonomous things & things swarms

Human-Machine Interaction
- Touch, gesture interfaces, next generation UX
- Intelligence augmentation
- Smart devices incl. wearables
- Virtual & augmented reality

Digital Customer
- Omnichannel & -commerce
- Hyper-connectivity of people, business, communities, sensors
- Web, apps & mobility
- Social networks

Digital to Physical Conversion
- Additive manufacturing incl. 3D printing
- Robotics for automation & services
- Autonomous vehicles incl. drones
- Energy storage and harvesting
- Organic electronics
- Genetic engineering

Big Data, Computational Power, Analytics & Intelligence
- Data Management: Big Data / Open Data / In-Memory / S/4HANA simple architecture
- Advanced Analytics & Machine Learning, Cognitive Systems / AI
- Cloud technology
- Super- and quantum computing

Digital Workforce
- Digital culture & methodologies
- Digitalization and automation of work
- Social collaboration

Digital Ecosystem
- Value network collaboration & digital supply chain
- Transactional business networks
- Crowdfunding, -sourcing, -innovation
- E-money & smart contracts (blockchain, bitcoin / virtual currencies)

Cyber-Security
- Protection of IoT DoS/DdoS attacks
- Context-centric privacy & security
- Self-adaptive security mechanisms
- Homomorphic encryption

SAP IoT Solutions
PdMS, AIN, …

SAP Digital Manufacturing
ME/MII, PCo, PLM

SAP Supply Chain Execution
EWM, SCM, SRM

SAP Business Objects Cloud
SAP HANA VORA

SAP Machine Learning

SAP Fiori 2.0

SAP Hybris
SAP Cloud for Customer

SAP SuccessFactors
SAP Jam

S4 HANA The Digital Core Application Suite

SAP Cloud Platform
SAP Leonardo

SAP Business Networks
SAP Fieldglass
SAP Ariba
SAP XM
CONCUR

SAP Security Solutions
(Enterprise Threat Detection, CryptoLib and many more)

Reimagine
Business Model, Product, Process

Build the Digital Core

Transactions & Processes

DIGITAL
STUDIO
SAP Digital Studio:
Make Digital Transformation &
Internet of Things TANGIBLE
SAP

SAP Digital Studio drives business through transformative sessions with customers, partners and SAP employees

Key Elements

Showroom
&
Design Thinking Space

Stage for Digitalization Storytelling

collection of business-driven **demos & showcases**

Expert Team of Digital & IoT strategists, business prototypers, developers, designers, data scientists

Target Groups

Customers / External:
CDOs, Digital Teams, Innovation Hubs, LoBs …

SAP internal:
Consulting, Sales, Developers …

Key Offerings

Business Impact of Digital Transformation & IoT:
Strategy Development

Prototyping Factory:
Development of Business Stories & Rapid Prototyping

Inspiration Sessions:
OpenSpace, Barcamps, Design Thinking, Hackathons

Trainings for SAP internally and **Enablement Workshops** with Customers

Digital Cities @ SAP: Where to Start?!

Governance

- Public Sector Financials
- Program Planning and Management
- Accounting and Financial Close
- Treasury and Financial Risk Mitigation
- Financial Operations
- Governance, Risk, and Compliance for Finance

Economy

- Good Governance
- Data-Driven Cities
- Digital Experience

Resources and Environment

- Connected Communities, Devices, and Sensors
- Sustainable Communities
- Optimized Assets and Infrastructure

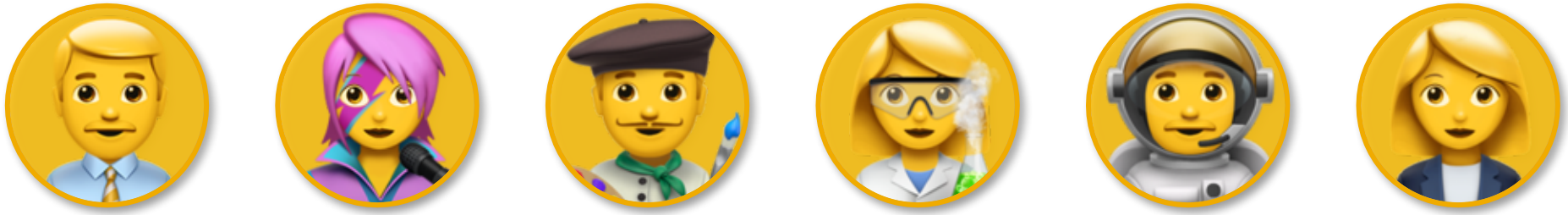
Transport

- Integrated Mobility and Transport
- Networked Economy
- Intelligent Traffic Management
- Traffic Congestion Management

People

- Public Safety and Security
- Healthy and Caring Populations
- Digital Experience
- Future Workforce
- Citizen Relations

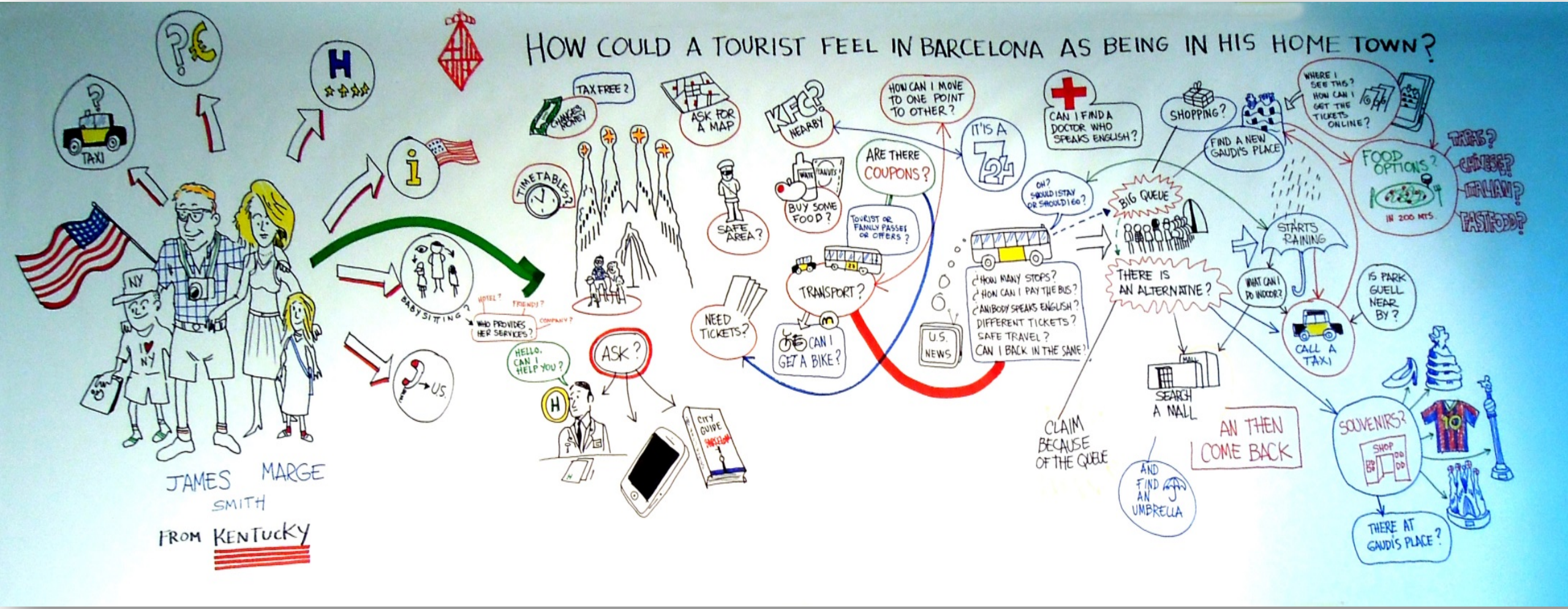
Design Thinking



Business Thinking

imagine. create. innovate.

DESIGNTHINKING with SAP



Business Impact of Digital Transformation & IoT:
From Strategy to Business Models to Prototypes

Project Setup

Time frame:

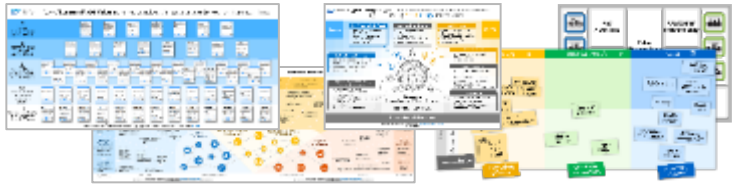
- From 2 days “Creative Brain Dump”
- To full-blown strategy project (weeks or months)

Diverse mixed teams:

- SAP (e.g.: 1 DT* coach, 1 strategist, 1 developer)
- Customers (e.g. 1 sales & 1 R&D engineer)
- Customer’s customers

State of the Art Knowledge Ramp up

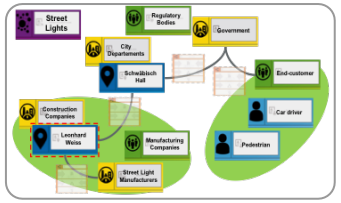
Inspiration @ Digital Studio Stage



Proven portfolio of tools & content for Digital Strategy Development

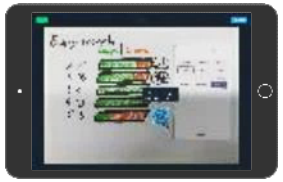
Design Thinking driven Strategy Development

Business Model & Use Case Design, Customer Journeys



Value Network / Ecosystem

Elevator pitches e.g. with SAP Scenes



Low-fidelity Prototypes

Transformation Roadmap

Next Step

Prototyping Factory

*) DT = Design Thinking

Blockchain for autonomous province of South Tyrol

Simplify governmental administration with blockchain process extensions

AUTONOME PROVINZ BOZEN SÜDTIROL

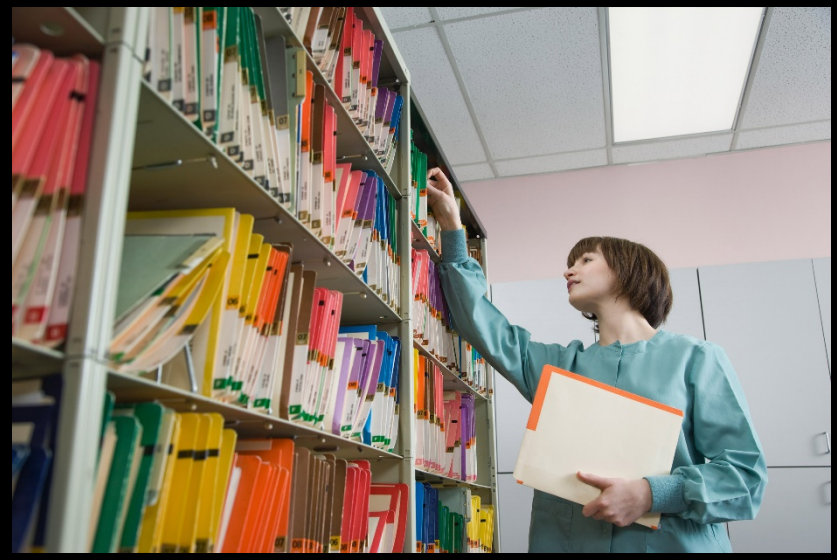
PROVINCIA AUTONOMA DI BOLZANO ALTO ADIGE

Challenge

- Government employees **spend too much time** on stating facts, confirming them, or sharing them

Proof-of-concept objectives

- Show feasibility of using blockchain technology for public administration
- Demonstrate benefit to reduce manual document authentication by office managers significantly (one-click)
- Build foundation for future extended use of blockchain for any governmental administrative processes in Italy
- Leverage blockchain and build process extension to non-SAP application based on SAP Cloud Platform



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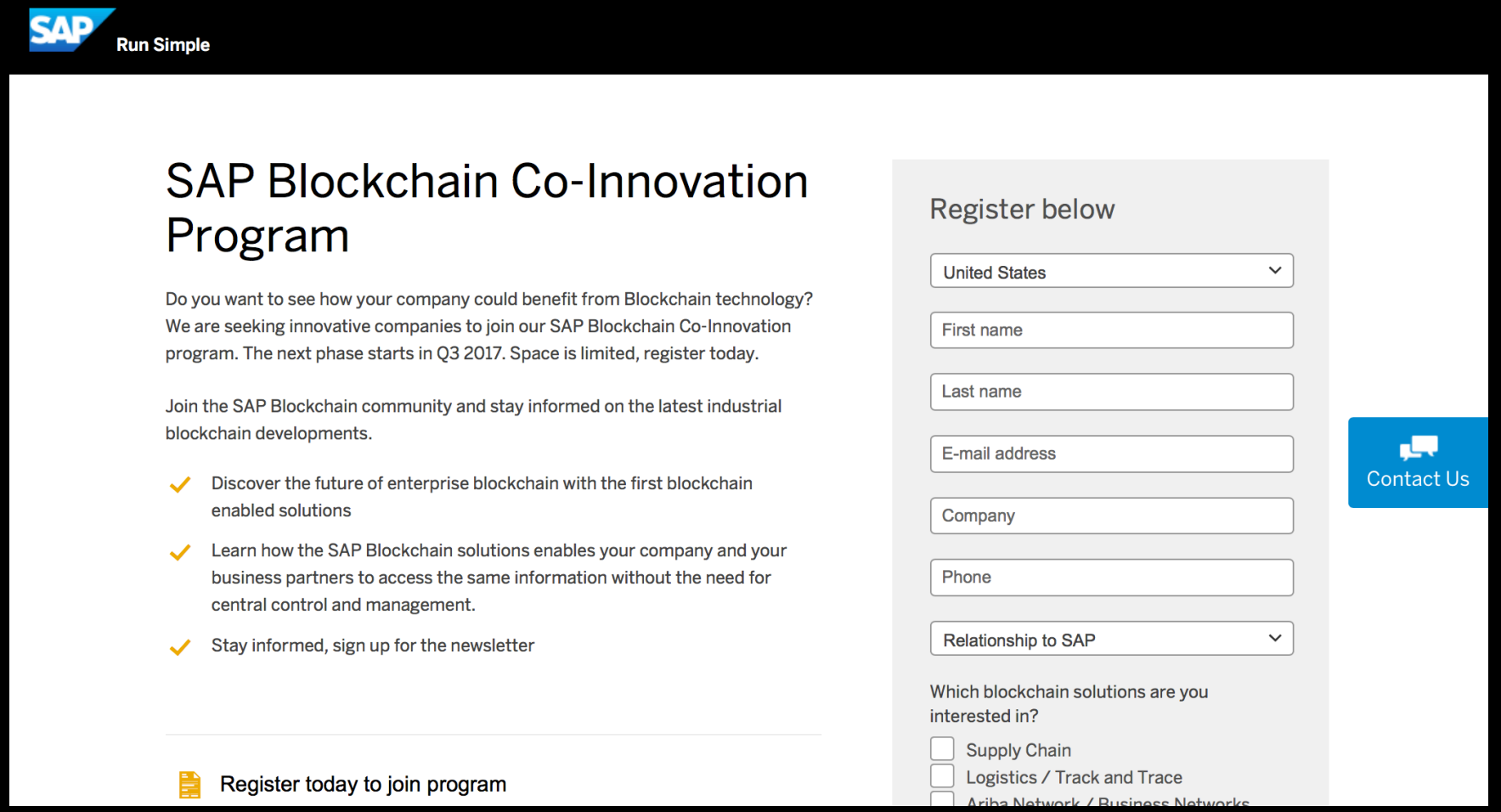
Blockchain co-innovation program from SAP



www.sap.com/blockchain

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SAP Prototyping Factory:
Development of Business Stories & Rapid Prototyping

Project Setup

Time frame:

- 1-3 months
- *Many MVPs* can be built within ca. 30 days*

Diverse mixed teams:

- SAP (e.g.: 1 strategist & 2 developers, 1 data scientist)
- Customers (e.g. 1 sales & 1 R&D engineer)
- Customer's customer

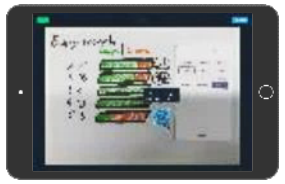
Vision & Solution Finding with Design Thinking

Inspiration @ Digital Studio Stage

Develop compelling business story

Elevator pitch
e.g. with SAP Scenes

Low- & High-fidelity prototypes



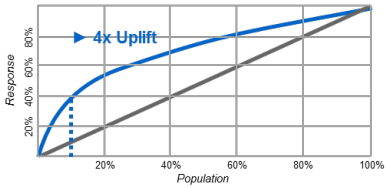
Wireframes &
User screen flow

True to life
Interactive Mockup

Agile Development of MVPs*

Standard Software
Jump starts

Sprint Zero for
Custom capabilities



Data Science
Jump start

*) MVP = Minimum Viable Product

SAP Digital Studio **Prototyping Factory @ E.ON:**
“Show&Touch instead of Powerpoint”

Lesson learned:
Mobile roadshow increases awareness and enables dialogue

Keynote of Peter Maier at IUC Lisbon in March 2017

Joint team from E.ON and SAP at mobile roadshow in Essen

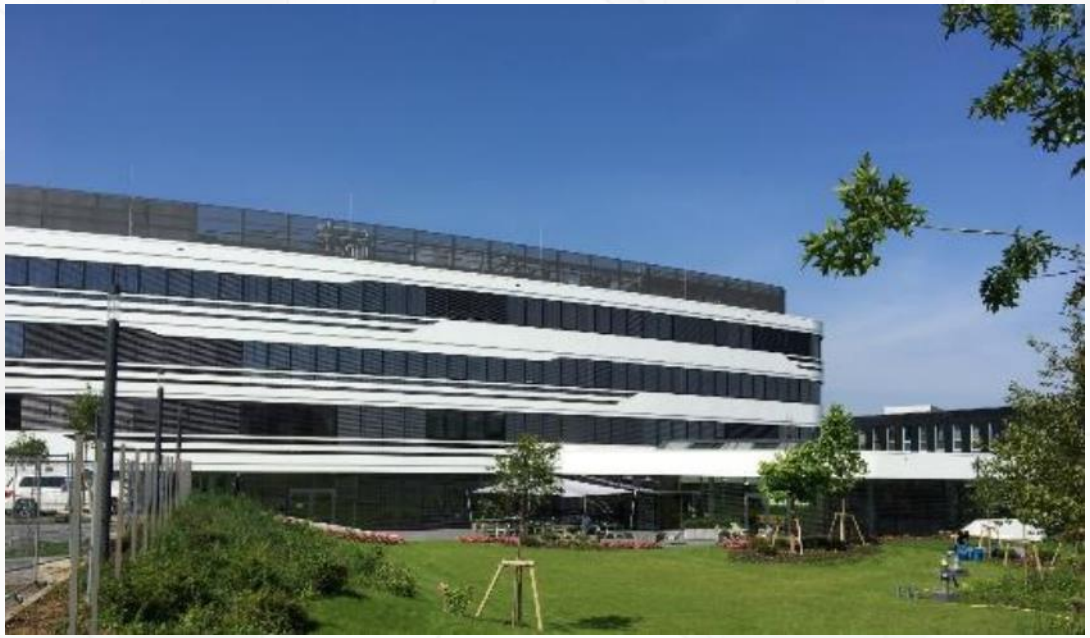
Prototyping with Design Thinking actually scales:

Seid 3. Juli 2017:

SAP Platz 1
40882 Ratingen

10 min. from Düsseldorf Airport

DIGITAL STUDIO



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Sind Sie Teil des Ökosystems Ratingen & SAP?

Im SAP Digital Studio können Sie es zeigen!

- Strategie & Prototyping Workshops
- Fläche für Showcases & Exponate @ Top Lokation
- Veranstaltungen

Sprechen Sie uns an:
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Vielen Dank!

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