



T-LABS meets

Diffusion



Telekom Innovation Laboratories

ABOUT T-LABS

The background of the slide is a photograph of the Berlin skyline, featuring the prominent Fernsehturm (TV Tower) in the center. The sky is overcast and grey. The text is overlaid on this image.

AN-INSTITUTE OF TU BERLIN

**AROUND 300 EXPERTS, SCIENTISTS
& YOUNG ENTREPRENEURS**

**SITES IN BERLIN, BEER
SHEVA, BUDAPEST & VIENNA**

**R&D UNIT OF
DEUTSCHE
TELEKOM**

OFFERING

BLOCKCHAIN

INTELLIGENCE

EXPERIENCE



Telekom Innovation Laboratories

MISSION

CONCENTRATE ON **LEARNING, EXPERIMENTING AND DRIVING FURTHER** THE DISTRIBUTED LEDGER TECHNOLOGIES **WHILE EXPLORING VARIOUS USE CASES**

STRATEGY

CO-INNOVATING **DETERMINE** WHICH SYSTEMS WOULD BENEFIT THE MOST FROM THE **APPLICATION OF DECENTRALIZED TECHNOLOGIES**



TRUSTED & DECENTRALIZED ECOSTRUCTURES ARE MISSING

DECENTRALIZED ECOSYSTEMS ARE DESIRED AND ENABLED BY STÅX

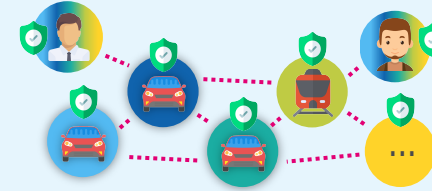
CENTRALIZED / MONOLITHICAL APPROACH

DECENTRALIZED ECOSTRUCTURES BY STÅX

IOT



Focus on owning user & their data



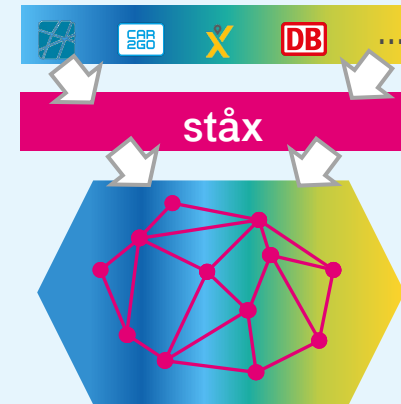
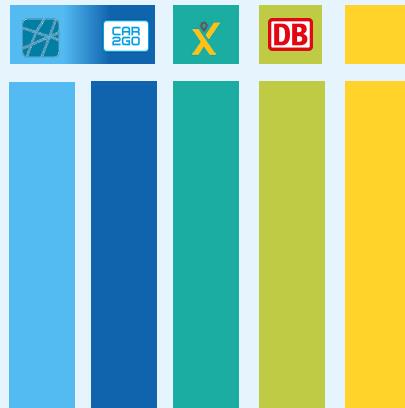
Focus on trusted IDM

COM



Focus on connectivity revenues

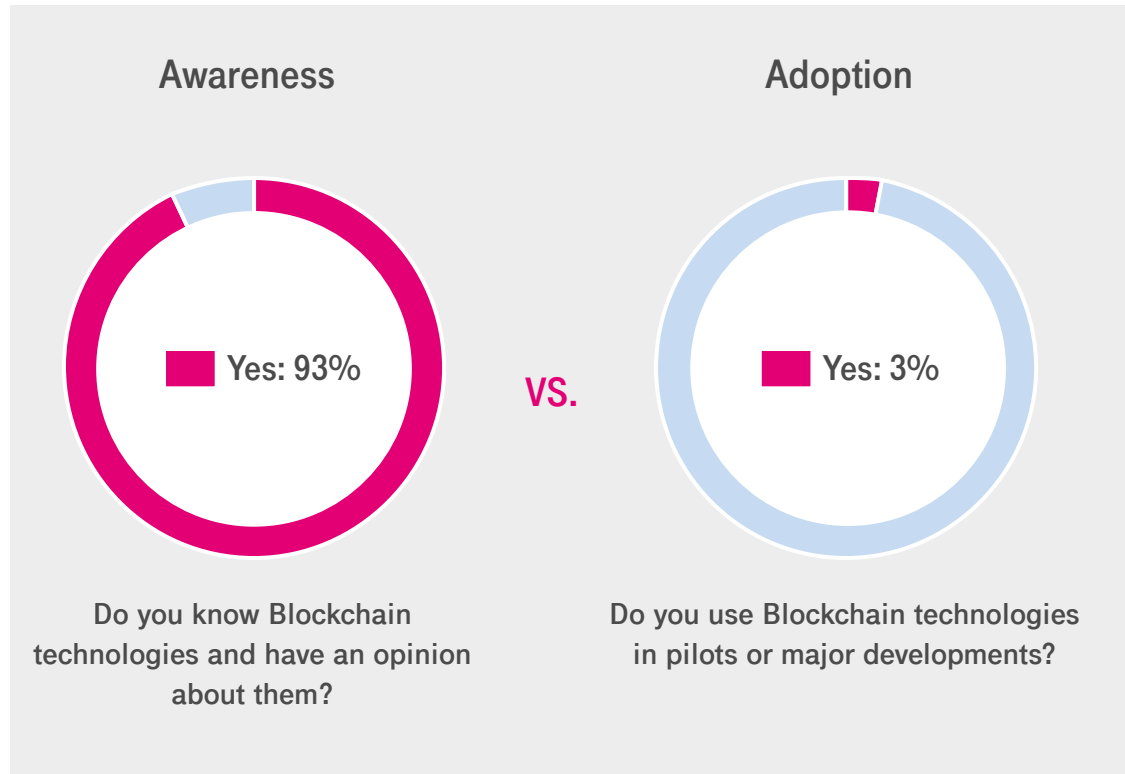
BACKEND / APP



CUSTOMER NEED:

UNCERTAINTY & COMPLEXITY PROHIBIT ADOPTION OF DLTS

Blockchain awareness is ahead of adoption



Source: Forrester Research

Reason: uncertainty for customers!

Customers face uncertainty regarding:



Dynamism & Diversity of Industry

Blockchain technology platform sector is dynamic, increasingly crowded and currently in the proliferation phase (70+ techs and growing)



Detailed technical evaluation

The current generation of Blockchain architecture & implementation styles are confusing, requiring careful analysis of technology alignment to business case



Business Approach

Platform, solution and ecosystem architectures need to be clearly understood as part of a proof-of-concept exercise

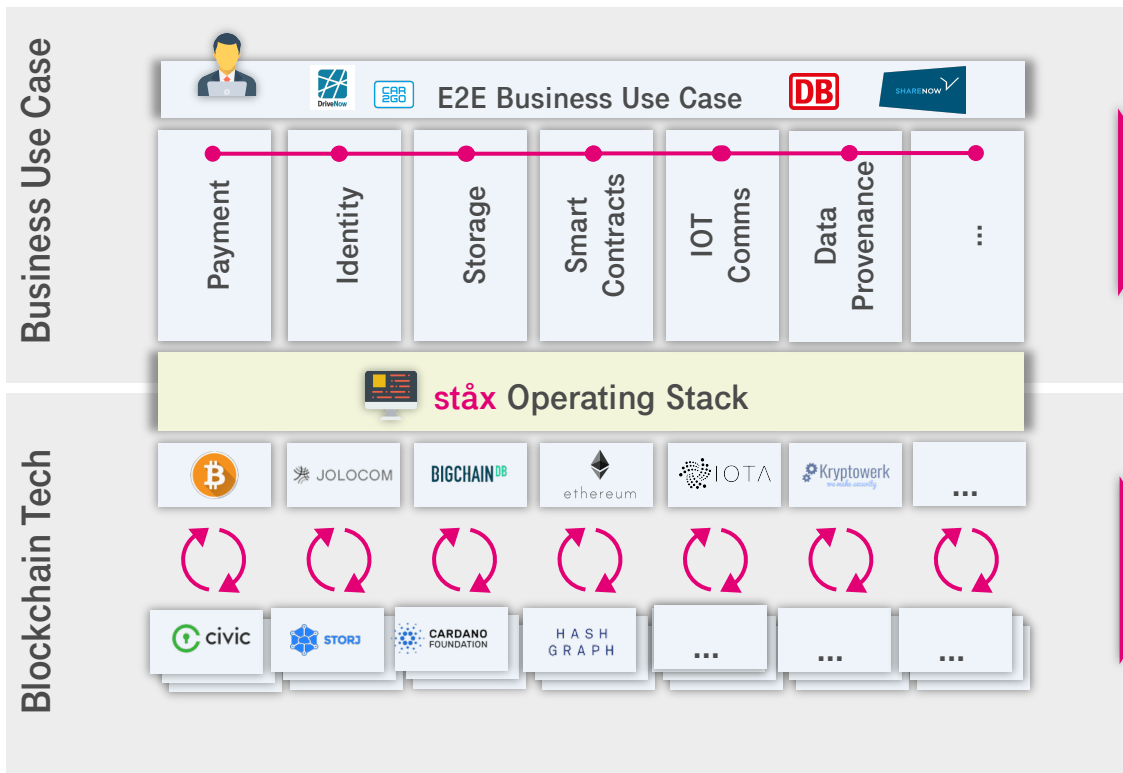
Source: adapted from Forrester Research, Gartner



STÅX VISION:

STÅX AIMS TO MITIGATE CUSTOMER UNCERTAINTY & COMPLEXITY

ståx connects use cases with DLT technology



Benefit: Instant & DLT-agnostic development



Telekom Innovation Laboratories

telekom innovation laboratories

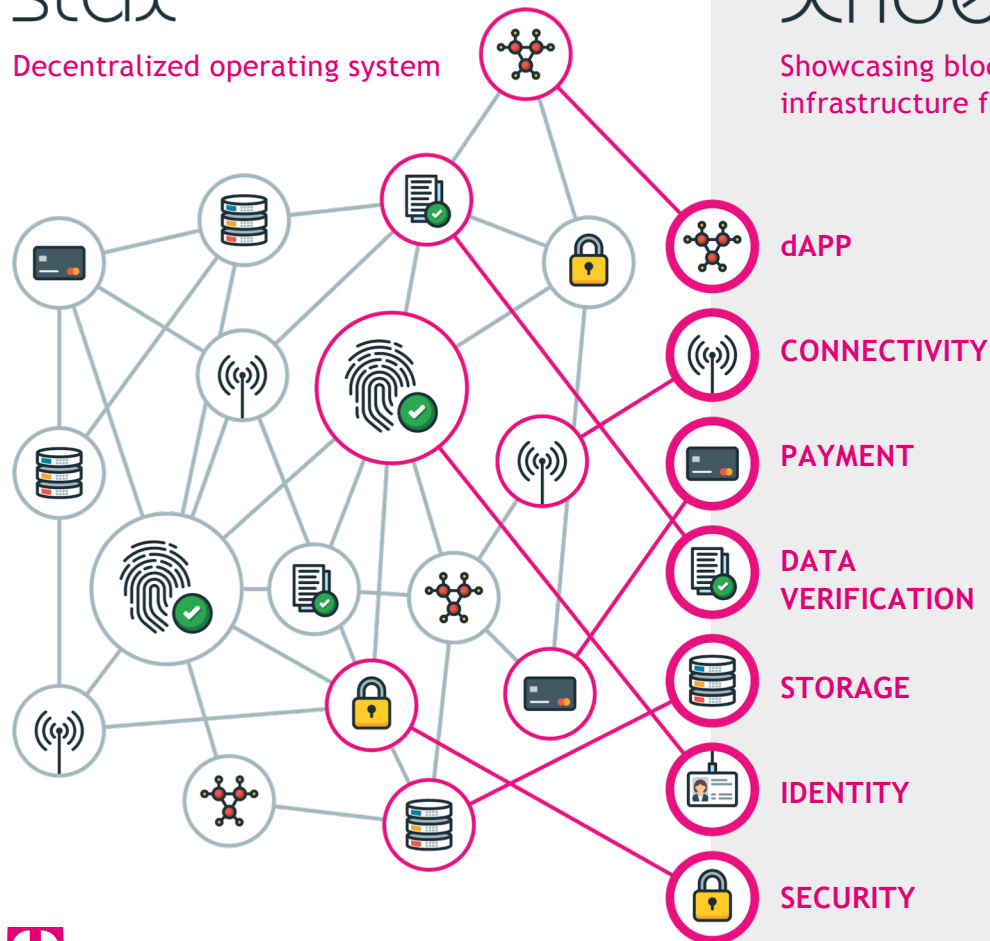
telekominnovationlaboratories

@t_labs

NOT JUST THEORY, STÅX IS LIVE #BLOCKCHAINSCOOTER

stax

Decentralized operating system



Xride

Showcasing blockchain-powered infrastructure for M2M ecosystem



1st of its kind proof-of-concept with ecostructure partners demonstrating different aspects and benefits offered by stax

stax advanced services

ID: Identity Management Service

Security: Distributed botnet protection

Connectivity: Trusted, Global Access

Future : storage, contract mgmt, wallet



Telekom Innovation Laboratories



telekom innovation laboratories



telekominnovationlaboratories



@t_labs