DATA RESPONS GROUP

ENABLING A DIGITAL FUTURE

THE INDUSTRY 4.0 EVOLUTION

Kenneth Ragnvaldsen, CEO, Data Respons group

KONGSBERG, NOVEMBER 3rd

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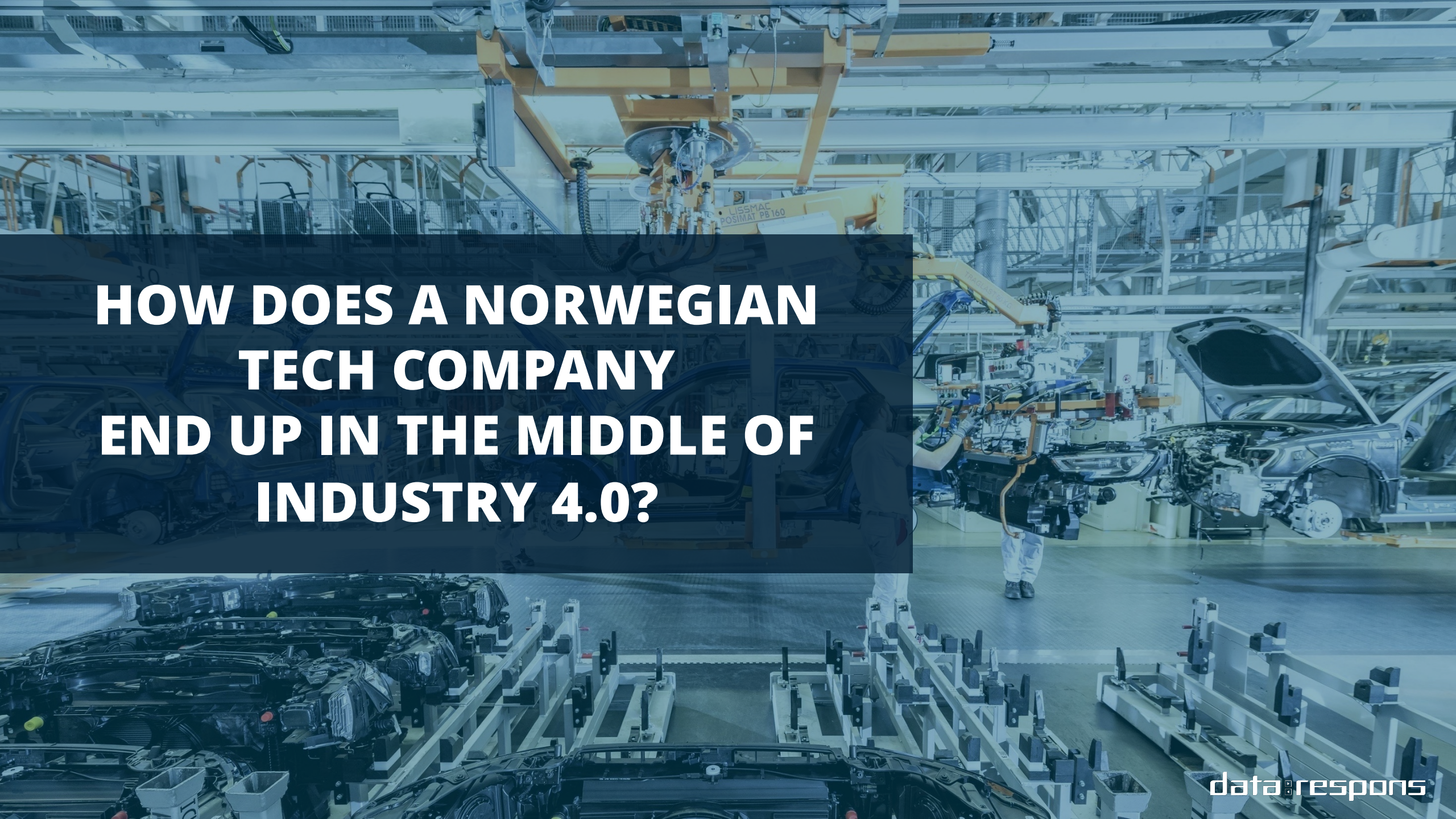

HOW DOES A NORWEGIAN TECH COMPANY END UP IN THE MIDDLE OF INDUSTRY 4.0?

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ITS ALL ABOUT A DATA DRIVEN WORLD

- MAKING EVERYTHING BETTER AND SIMPLER

EVERYTHING
DIGITALISED, CONNECTED, AUTOMATED
EVERYWHERE

Digital twins

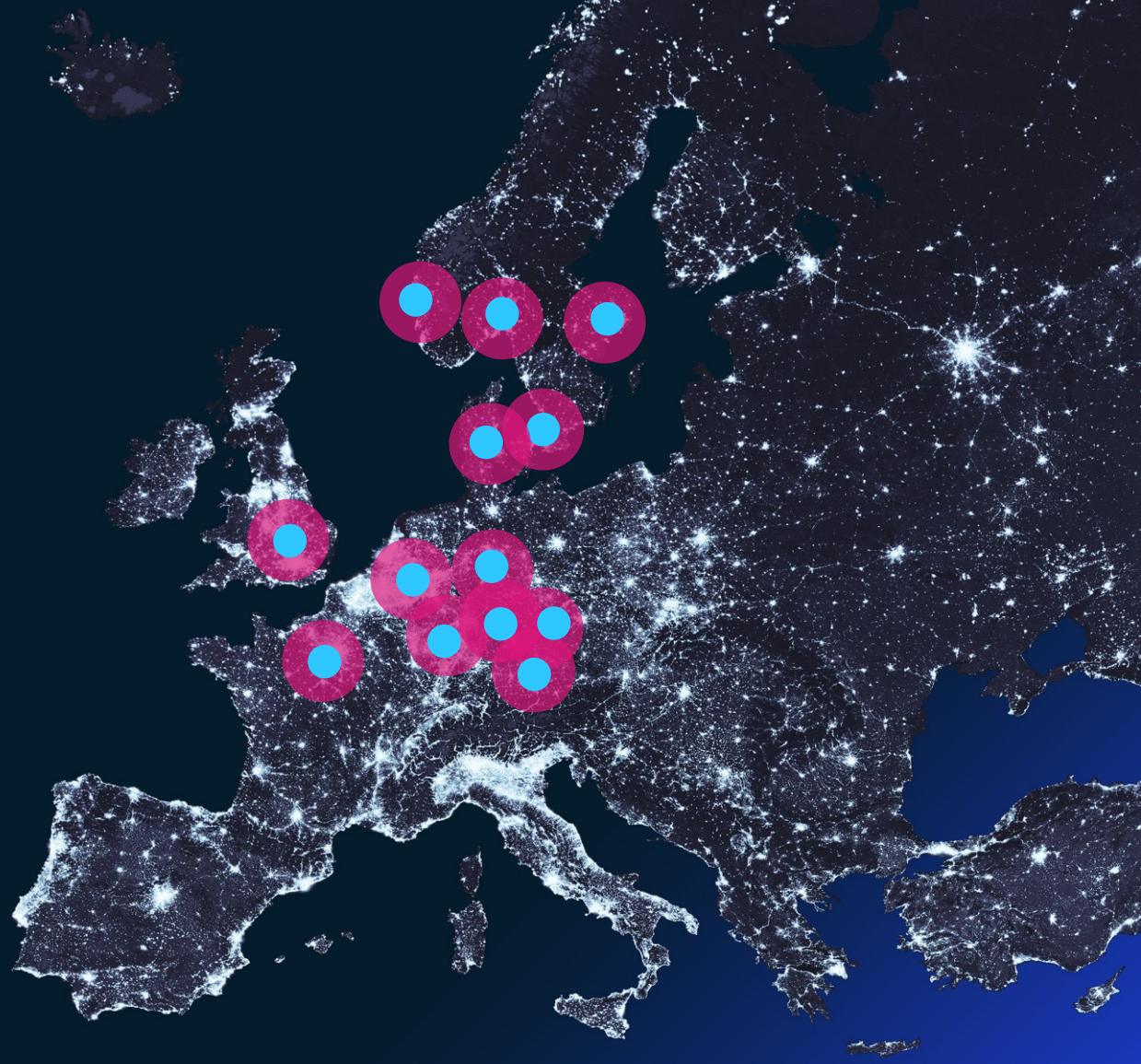
Intelligent harbours

Digital banking

Autonomous transport

Connecting energy sources

BEING PART OF INDUSTRIAL CLUSTERS MATTERS



- Industrial centers
- Data Respons locations

SOFTWARE EATS THE WORLD

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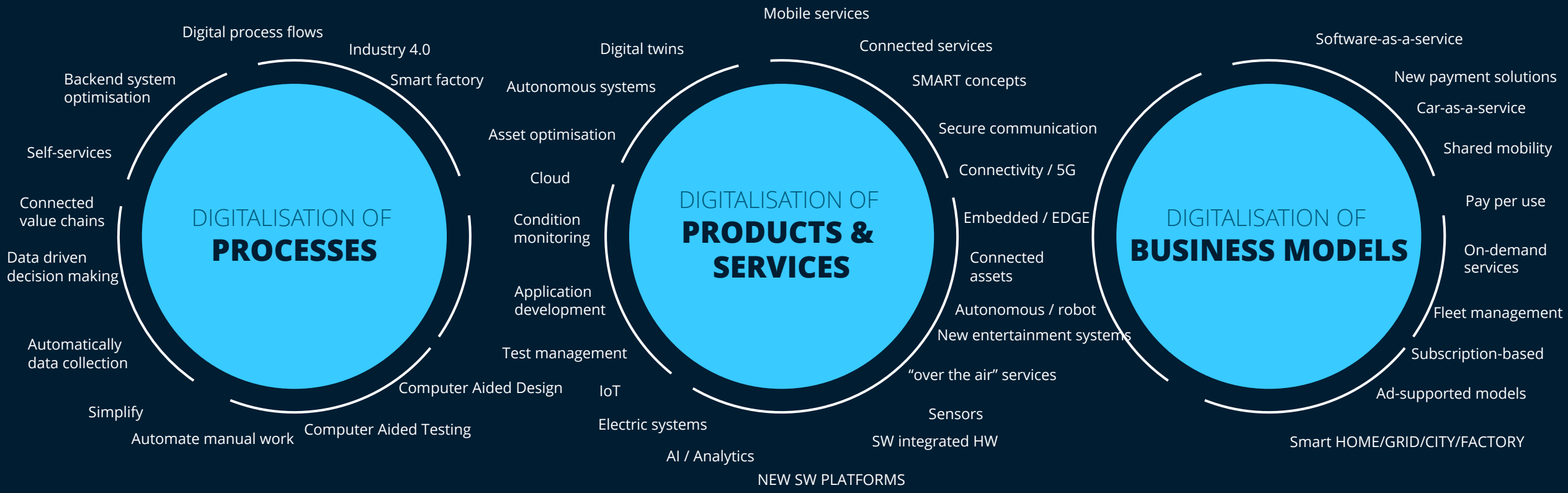
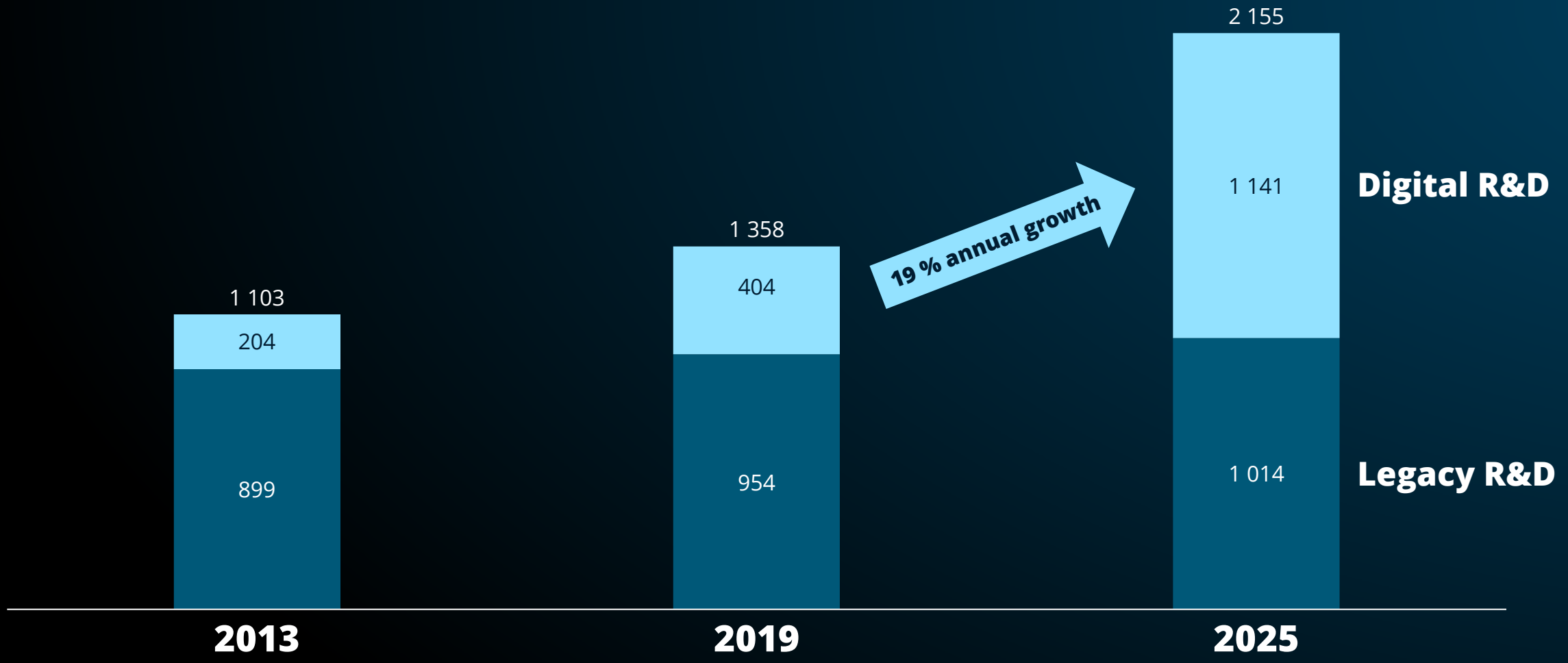
UNDERSTAND THE IMPACT ON YOUR OPERATION

- ITS A EVOLUTION, NOT A REVOLUTION



INVESTMENTS ARE GOING INTO DIGITAL

- Global R&D spend, USD bn



Source: Zinnov, Boston Consulting Group; Data Respons analysis

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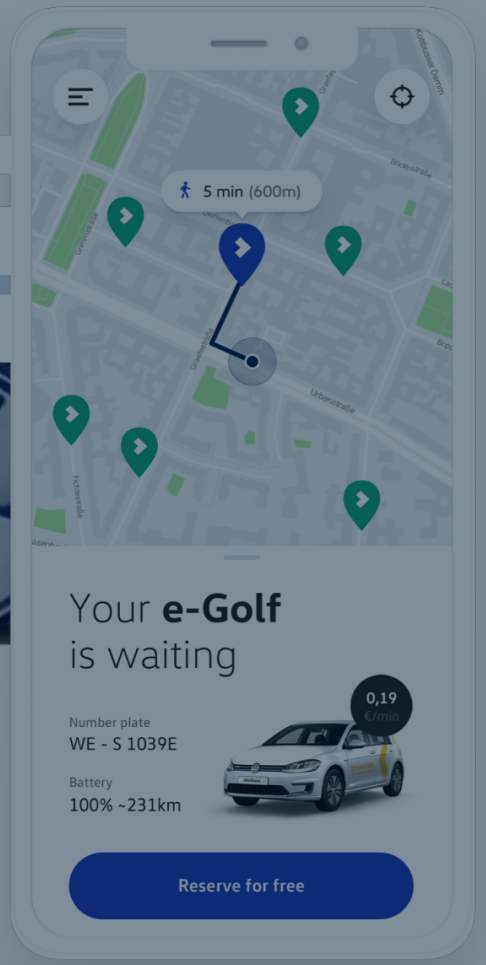
CAR SHARING

E-MOBILITY AND CAR-SHARING PLATFORM TO ENABLE “CAR-ON-DEMAND” ACCESS FOR CONSUMERS



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ENERGY TRADING PLATFORM FOR RENEWABLE ENERGY

CONNECTING PRODUCERS, ENERGY SUPPLIERS AND CONSUMERS TO ENSURES THAT EXCESS ENERGY CAN BE SOLD AT MARKET PRICE, WITHOUT DELAY.

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DIGITAL FLEET MANAGEMENT

DIGITIZING TRUCKING TO INCREASE EFFICIENCY AND UNLOCK NEW BUSINESS MODELS

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AUTONOMOUS DRIVING

DEVELOPMENT OF AUTOMATED DRIVING FUNCTIONS FOR “CARS OF THE FUTURE”

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HOW DO YOU CREATE AN ORGANIZATION THAT'S MISSION DRIVEN BY CUSTOMERS, TECHNOLOGY & INNOVATION?
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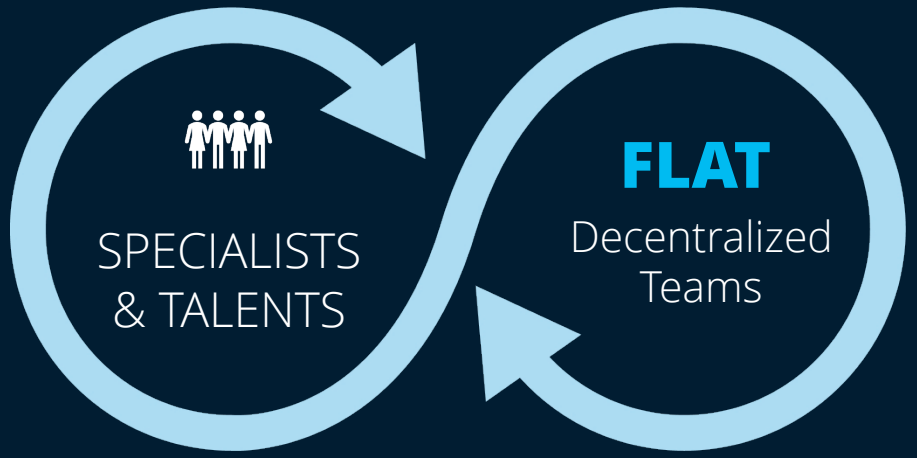
REVENGE OF THE NERDS



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WHAT CAN THE STATE DO FOR YOU?

INDUSTRY 4.0 IS KEY TO SOLVING SUSTAINABILITY

Software & sensors for BETTER RECYCLING

Software for SAFER & EFFICIENT WIND TURBINES

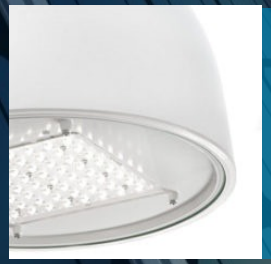
Facilitating the SMART GRID TRANSITION through software

REDUCING EMISSIONS through digitalisation

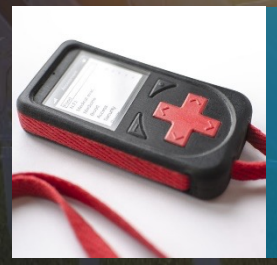
SMARTER CHARGING With software

Safety through RADON SENSORS

Scanning for epilepsy using SMART PHONE APPS



Software for ENERGY SAVING STREET LIGHTING



Mesh tech for Improved EMERGENCY COMMUNICATION

IMPROVING FIRST AID EDUCATION with tech

REDUCING EMISSIONS through digitalisation

Sensors provide more SUSTAINABLE LIVE STOCK PRODUCTION

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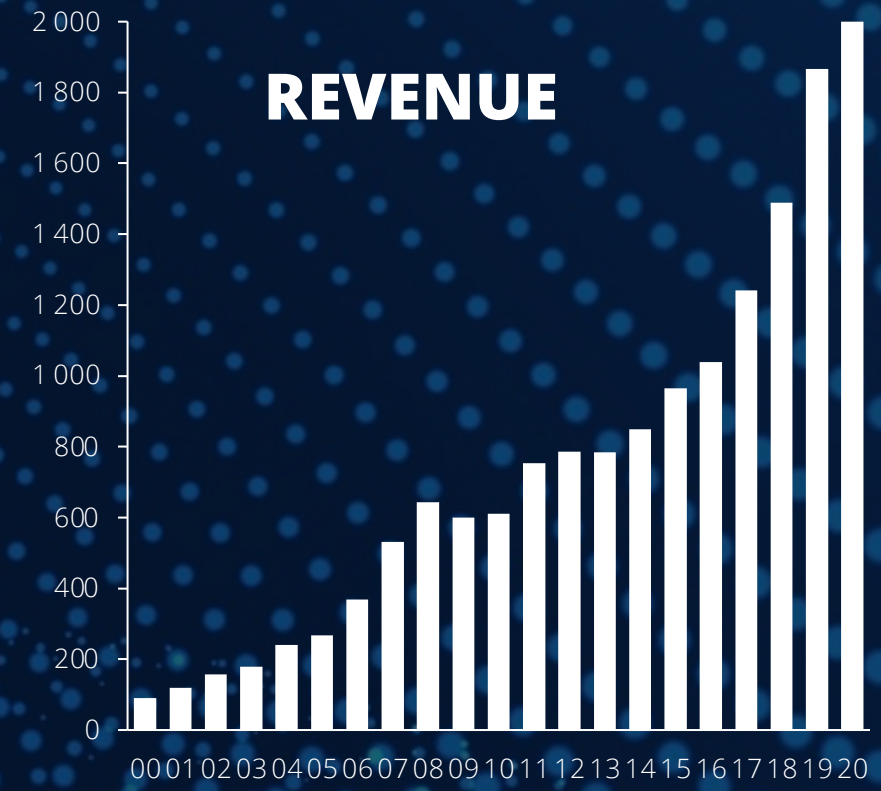
IT'S WORKING ☺

20%
annual growth
2000-2020

INDUSTRIAL DIGITALISATION IS TRANSFORMING EVERY INDUSTRY

KNOWING THE INDUSTRY & STAYING CLOSE TO THE CUSTOMERS

SPECIALIST COMPETENCE = STICKINESS



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KEY TAKE AWAYS

1. Don’t fight the TECH EVOLUTION

2. Every product is waiting to be a service - A DATA DRIVEN WORLD

3. You are running a TECH company – adopt your COMPETENCE MATRIX starting today