



AKIA

PASSION FOR
TECHNOLOGIES

**DIGITALIZATION AND
SMART APPLICATIONS
FOR OPTIMIZING
ENERGY EFFICIENCY**

1 THE AKKA GROUP

INTERNATIONAL PRESENCE

22

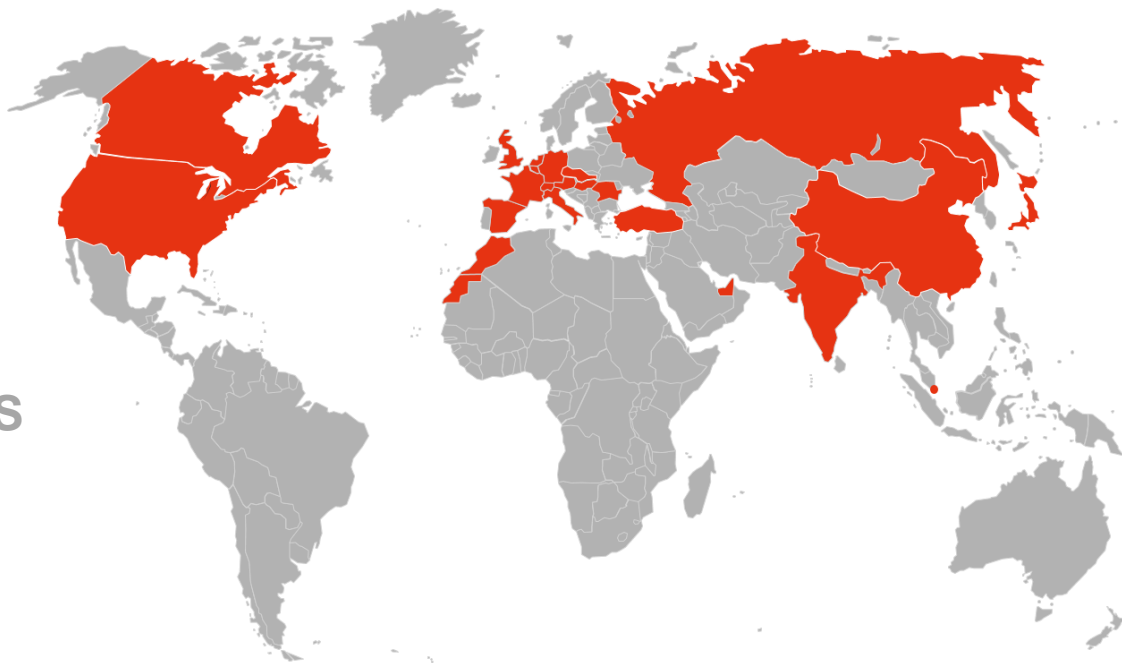
COUNTRIES

70

LOCATIONS

21

SKILLS CENTERS



AUSTRIA | BELGIUM | CANADA | CHINA | CZECH REPUBLIC | FRANCE | GERMANY | HUNGARY | INDIA | ITALY | JAPAN | MOROCCO |
NETHERLANDS | ROMANIA | RUSSIA | SINGAPORE | SPAIN | SWITZERLAND | TURKEY |
UNITED ARAB EMIRATES | UNITED KINGDOM | UNITED STATES

KEY FACTS

€1,334.4 BILLION

2017 global revenue



15,515 EXPERTS

2018 talented individuals



**EUROPE, ASIA, AMERICA,
MIDDLE-EAST & AFRICA**

A presence in



2 AKKA BENELUX

PRESENCE



EINDHOVEN



ANTWERP



GHENT



BRUSSELS



LIÈGE

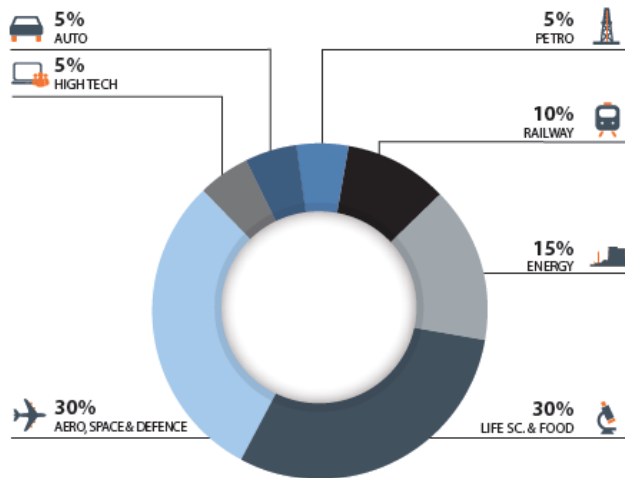


**BRAINE
L'ALLEUD**

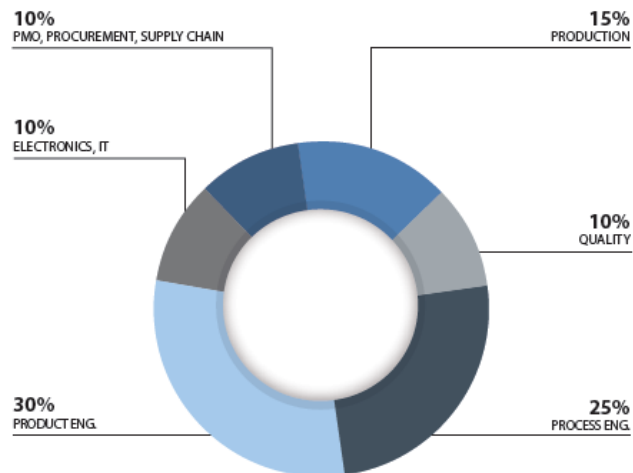


A MULTI-SKILLS SPECIALIST

REVENUE BY BUSINESS SEGMENT



SKILLS REPARTITION



3 SMART APPS AND ENERGY EFFICIENCY



**WHICH RECENT
INNOVATION HAS
CHANGED OUR LIFE
CONSIDERABLY?**

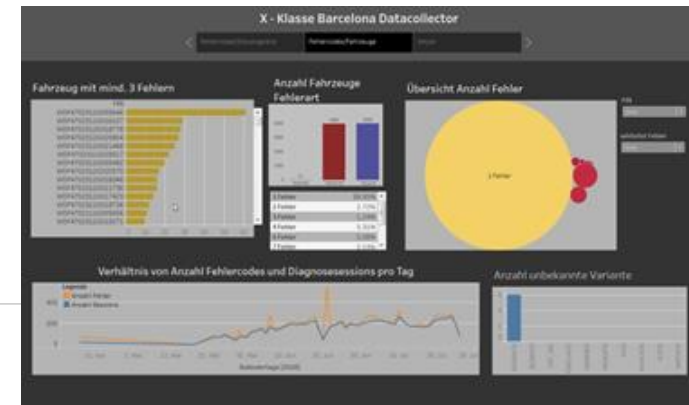


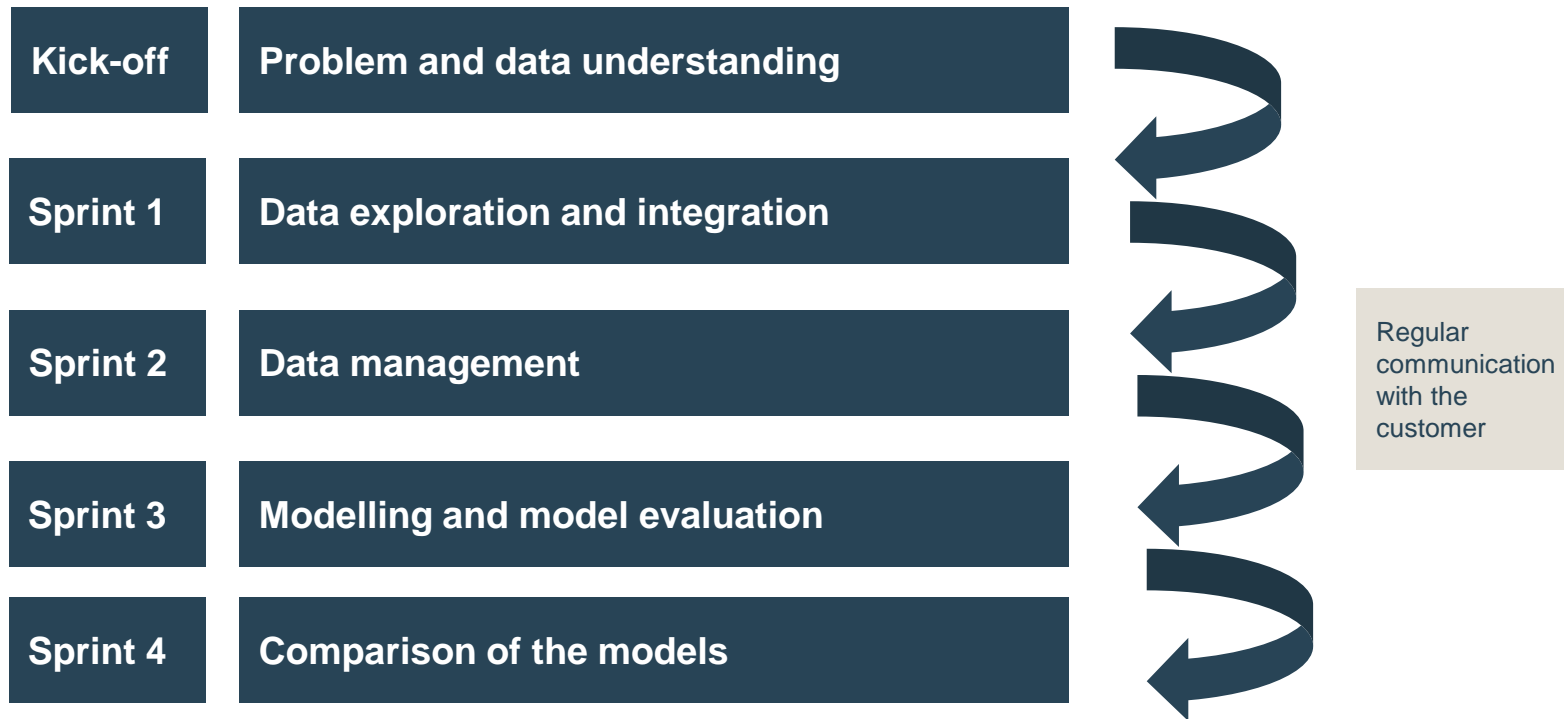
HOW DO WE MANAGE THIS DATA TO IMPROVE ENERGY EFFICIENCY?

something is more energy efficient if it delivers more services for the same energy input, or the same services for less energy input.



- **GO FROM REACTIVE TO PROACTIVE**
- **CREATE LEADING INDICATORS**
- **MEASURE RESULTS NEAR REAL TIME**





4 REFERENCES

SUBJECT

- Prediction of failure probabilities or risk assessment of drive-relevant vehicle components using statistical models based on the data collected over the years

TASKS

- Handle big amounts of data (databases)
- Data processing
- Apply statistical methods and Machine Learning

RESULTS

- Customer satisfaction (Aftersales)
- Early detection makes cost saving possible
- Pilot for a digital vehicle
- Methods are applicable to other industries



EU SYSFLEX (AKKA IS A PARTNER)





THANK YOU.
QUESTIONS?

