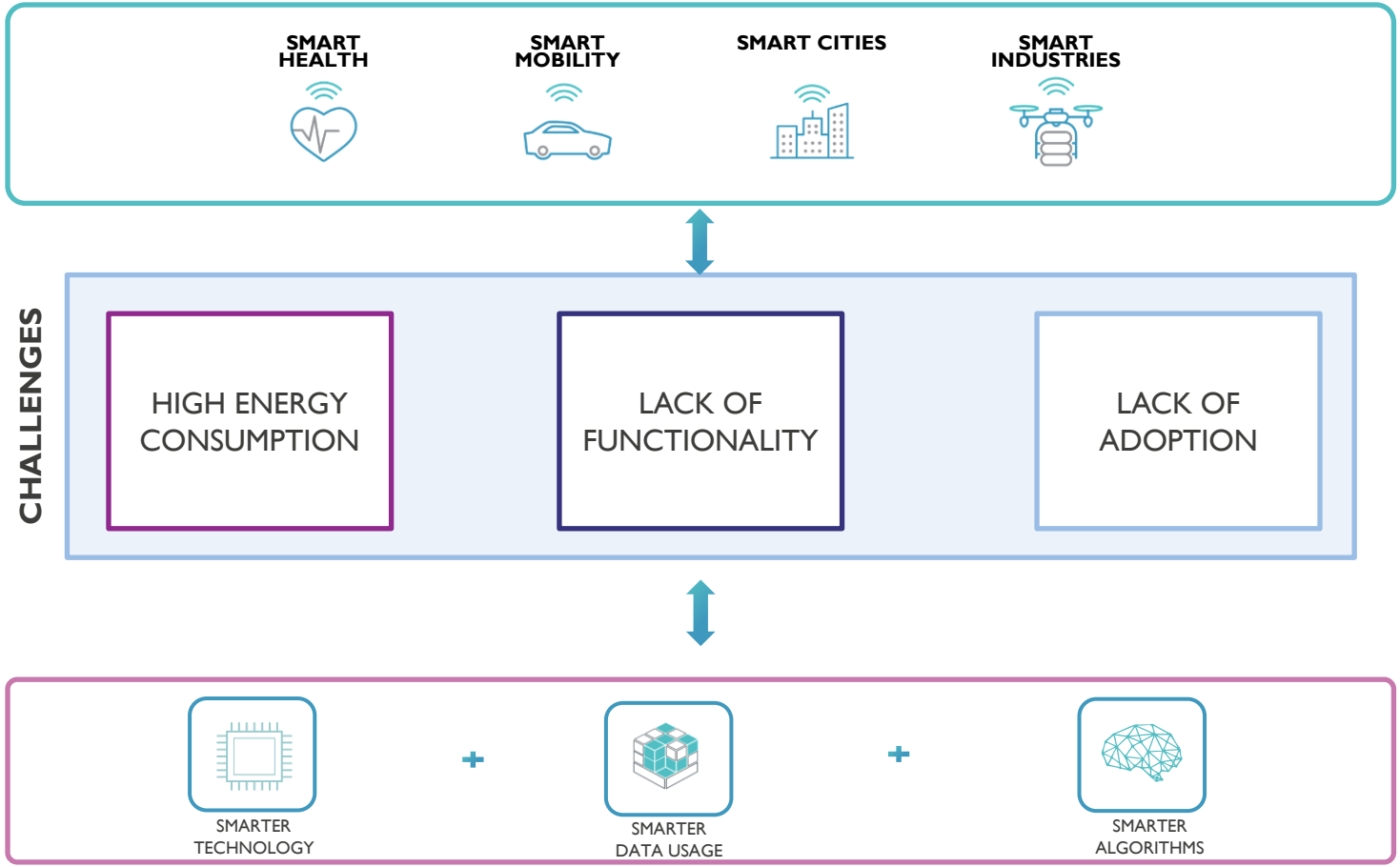
CURRENT **CHALLENGES & RESEARCH FOCUS**



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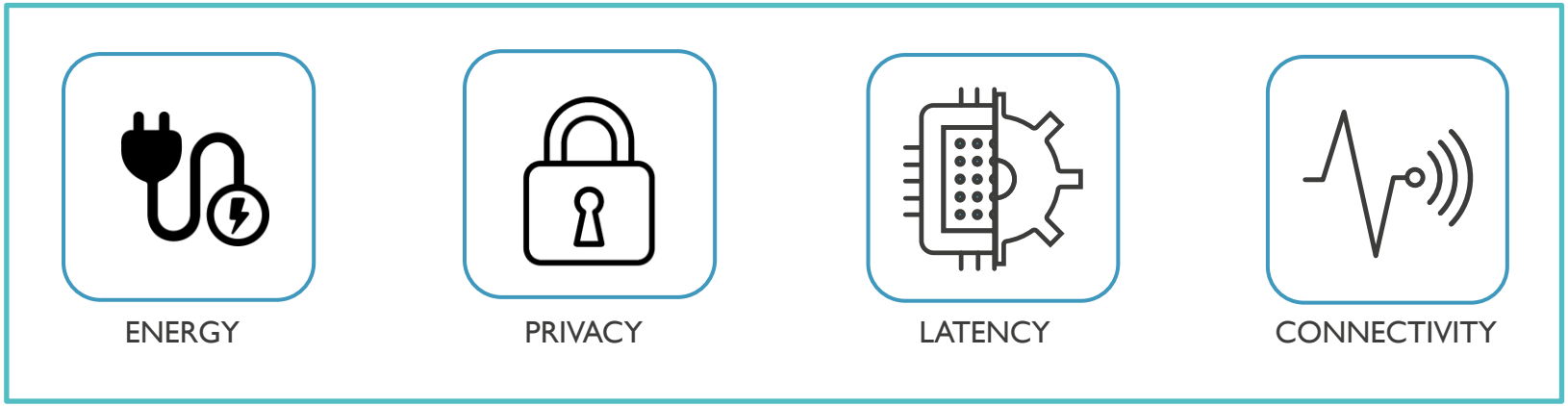
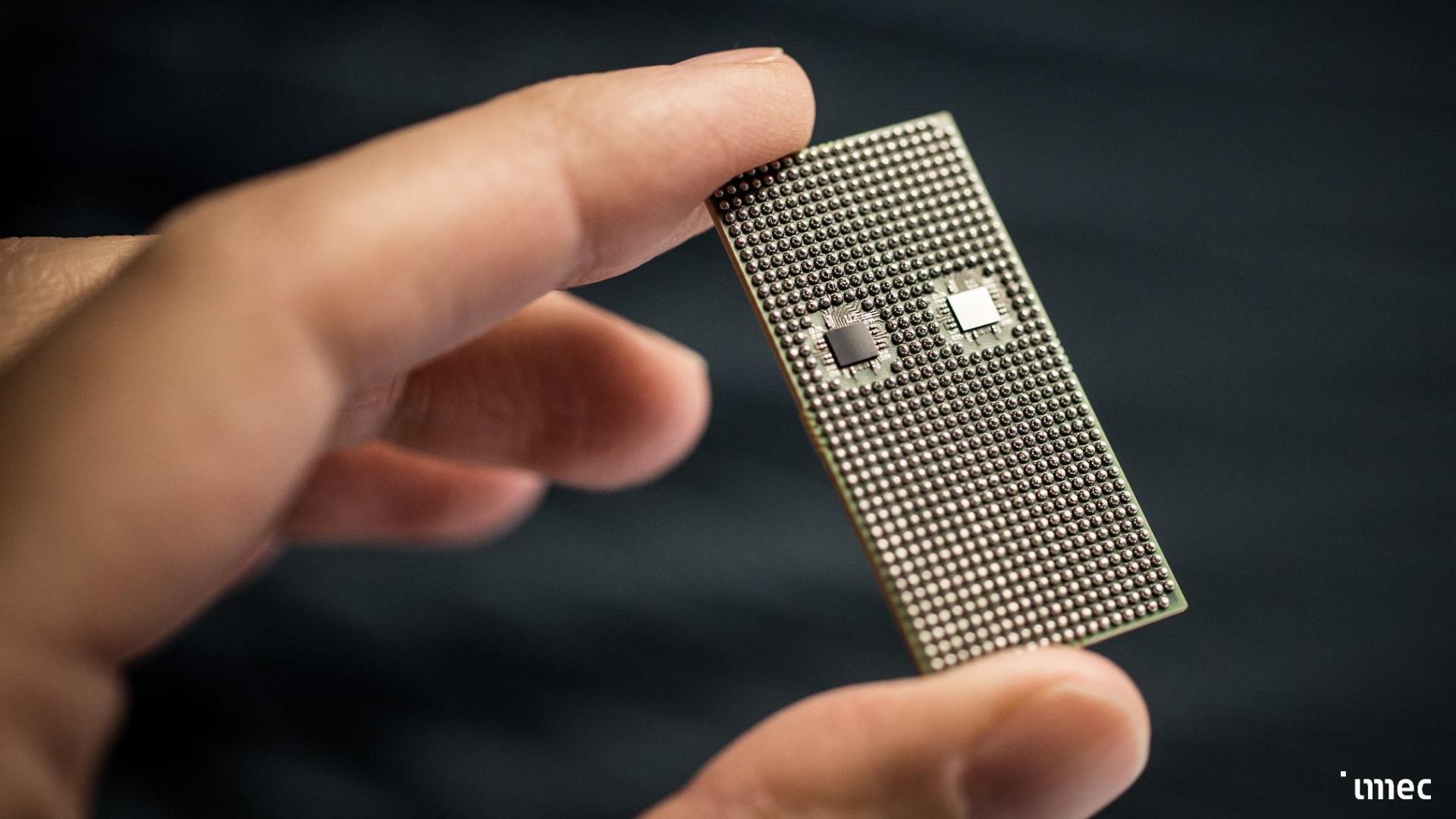
FROM **CENTRALISED** TO **DECENTRALISED** ENVIRONMENTS

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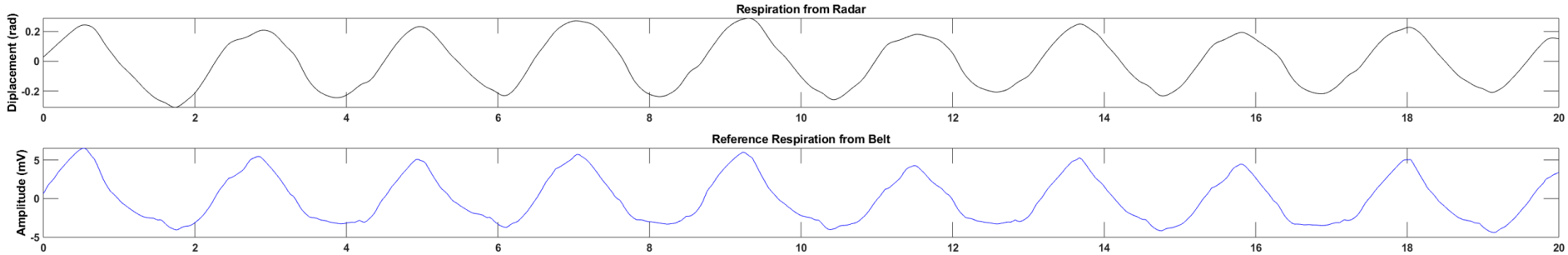
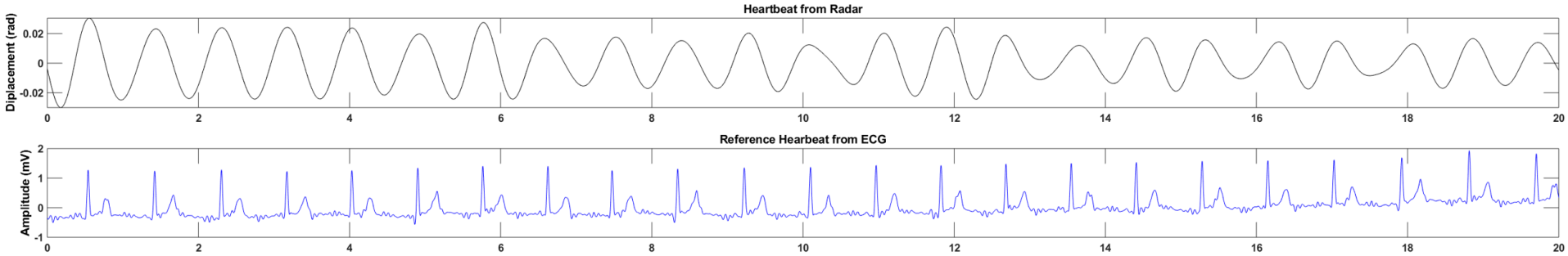
EXAMPLE: ENERGY EFFICIENT AI

Respiration



Heartbeat



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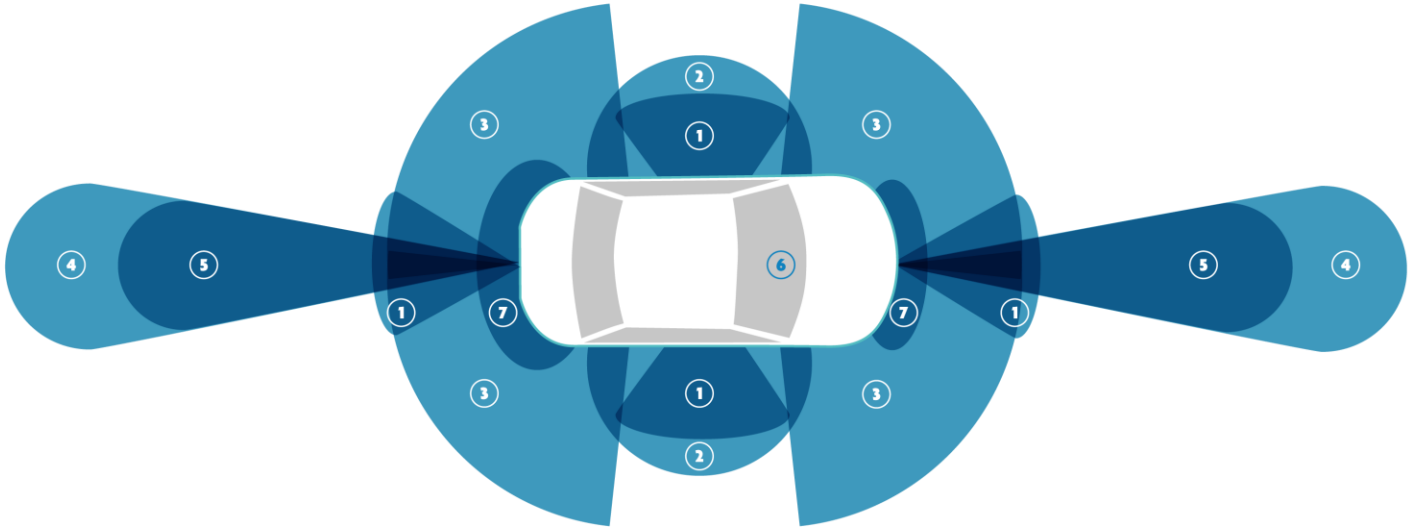
EXAMPLE: FROM NARROW TO BROAD AI



1 CAMERAS 2 RADARS UP TO 30M 3 RADARS UP TO 50M 4 RADARS UP TO 250M 5 LIDAR 6 GPS 7 ULTRASOUND

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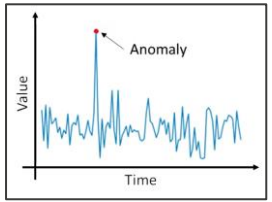
EXAMPLE: HYBRID AI

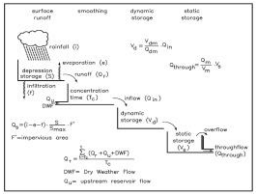
Intelligent Dashboard

Data-driven Insights

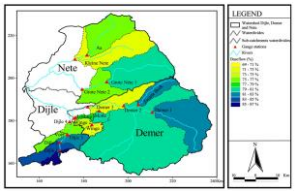


ML Algorithm

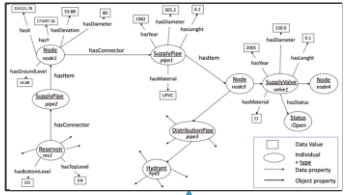
Knowledge-driven Insights



Hydraulic Model



GIS Info



Knowledge Graph

Water Sensors

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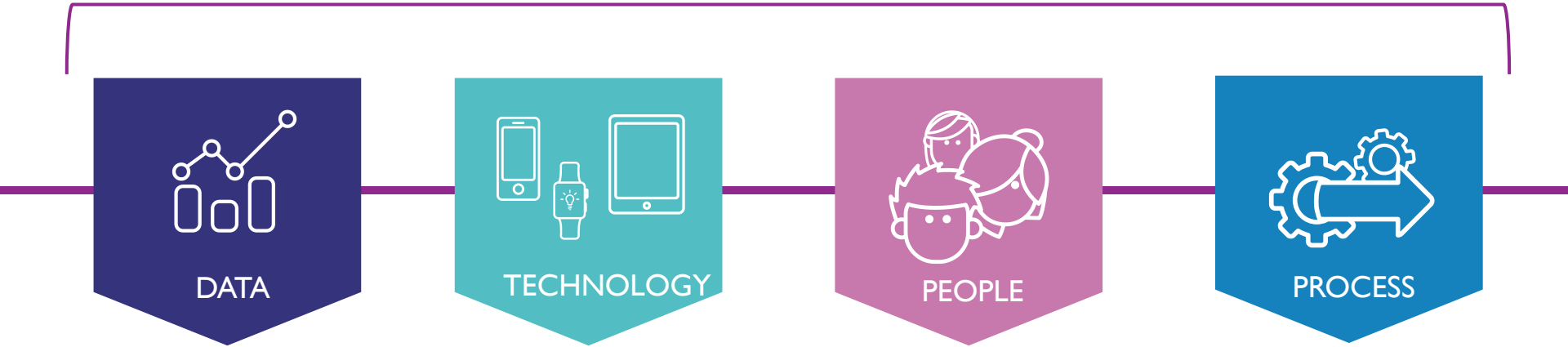
ACCOUNTABLE AI: ORGANISATIONAL READINESS

VISION: What is your objective? What is the problem to solve? Expected value?



All topics are important to tackle **ACCOUNTABILITY**

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