

Boost AI Adoption in Europe

Thomas Hahn
President BDVA
Chief Expert Software Siemens AG

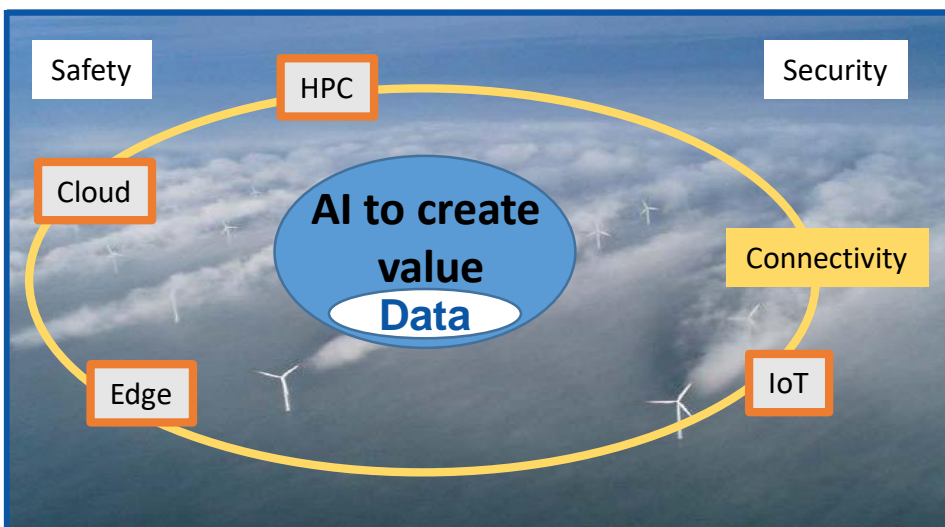


BDV

BIG DATA VALUE
ASSOCIATION

Data-driven AI to create value

Holistic view needed!



Connectivity & Data

*More than 200 GB of sensor data from
≈ 7.800 wind parks*

Value creation

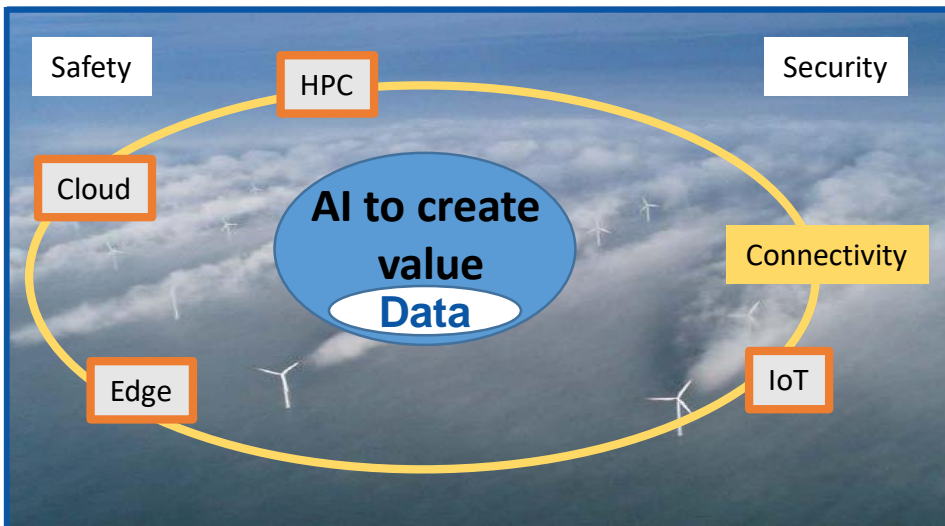
Use of Reinforcement Learning

Impact

*Early detection of divergent behavior
Improved efficiency*

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Connectivity & Data

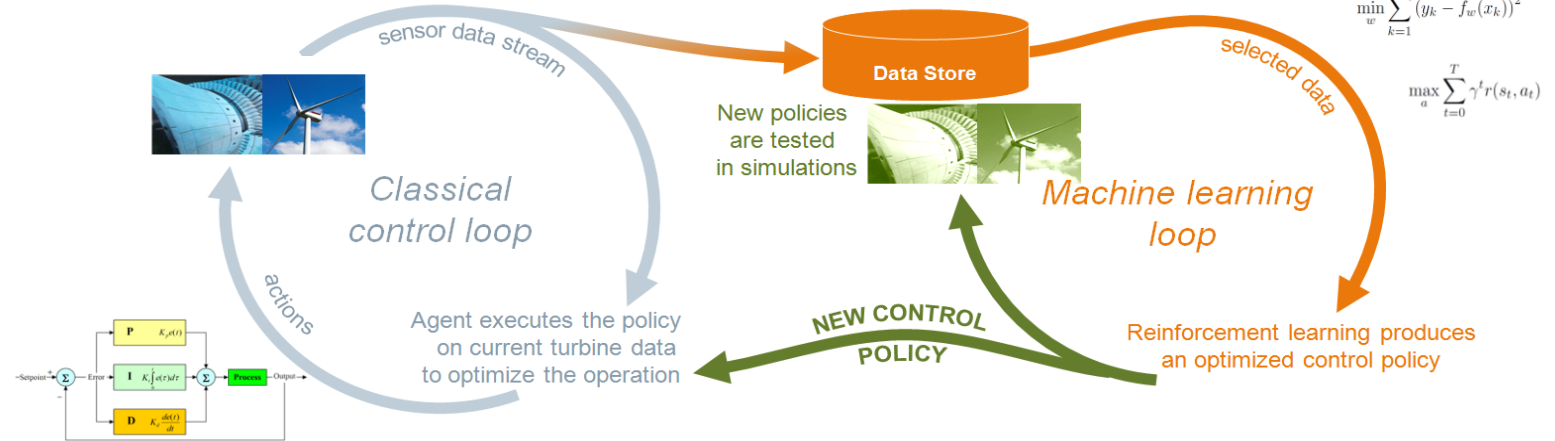
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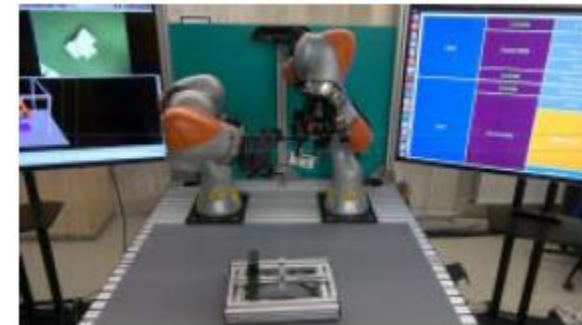
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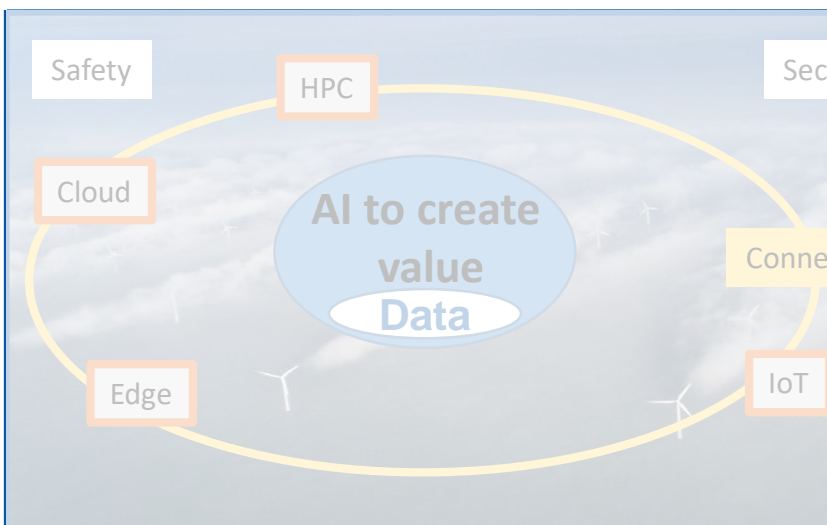


..... relevant
for other verticals, e.g.



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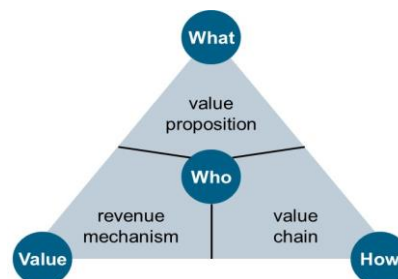
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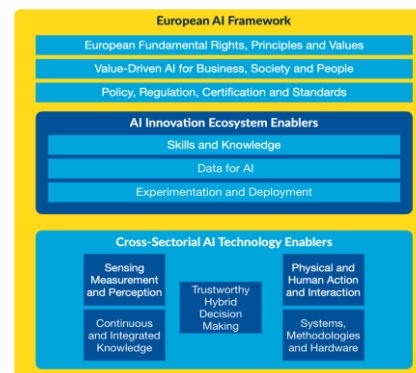
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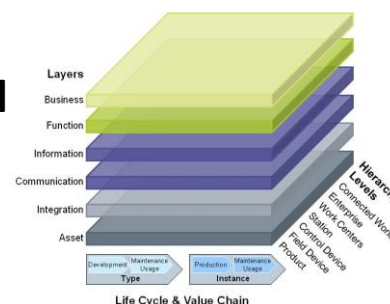
Business



Usage



Functional

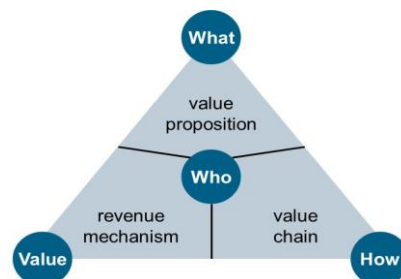


Data-driven AI to create value

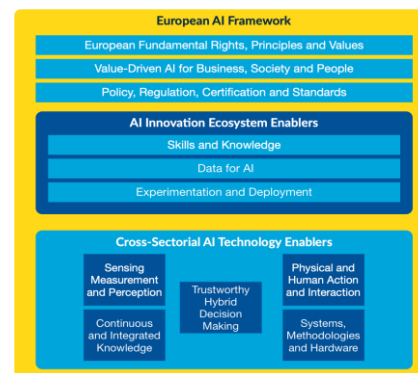
Holistic view needed!

“... Artificial intelligence will shift the balance of power in the shortest possible time. ... **Europe can and must be the pacemaker(s) for Industrial AI** ... in Europe the domain knowledge is available and **we have a powerful network** between SMEs, big companies, research institutes and government. ...”

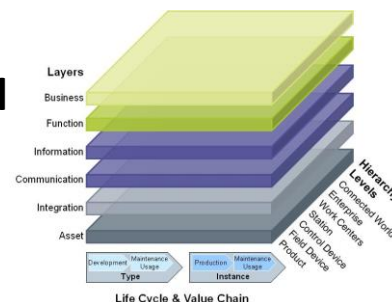
Business



Usage



Functional



European AI Framework

European Fundamental Rights, Principles and Values

Value-Driven AI for Business, Society and People

Policy, Regulation, Certification and Standards

AI Innovation Ecosystem Enablers

Skills and Knowledge

Data for AI

Experimentation and Deployment

Cross-Sectorial AI Technology Enablers

Sensing
Measurement
and Perception

Trustworthy
Hybrid
Decision
Making

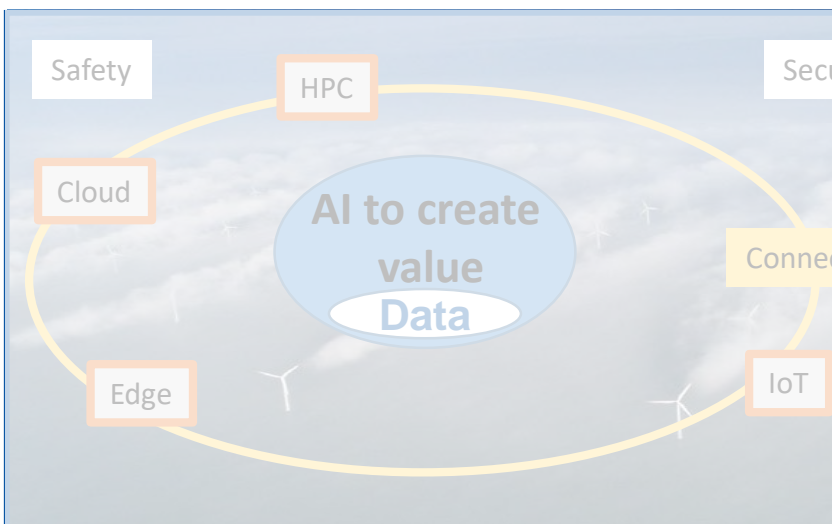
Physical and
Human Action
and Interaction

Continuous
and Integrated
Knowledge

Systems,
Methodologies
and Hardware

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Holistic view needed!



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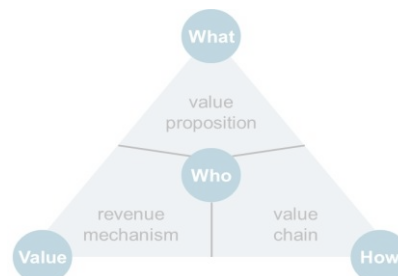
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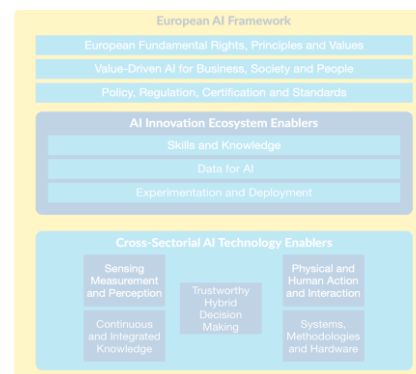
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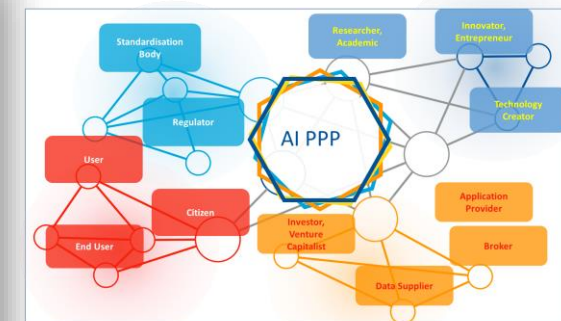
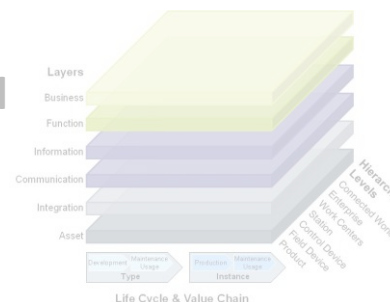
Business



Usage



Functional



Collaboration with different stakeholders across Europe

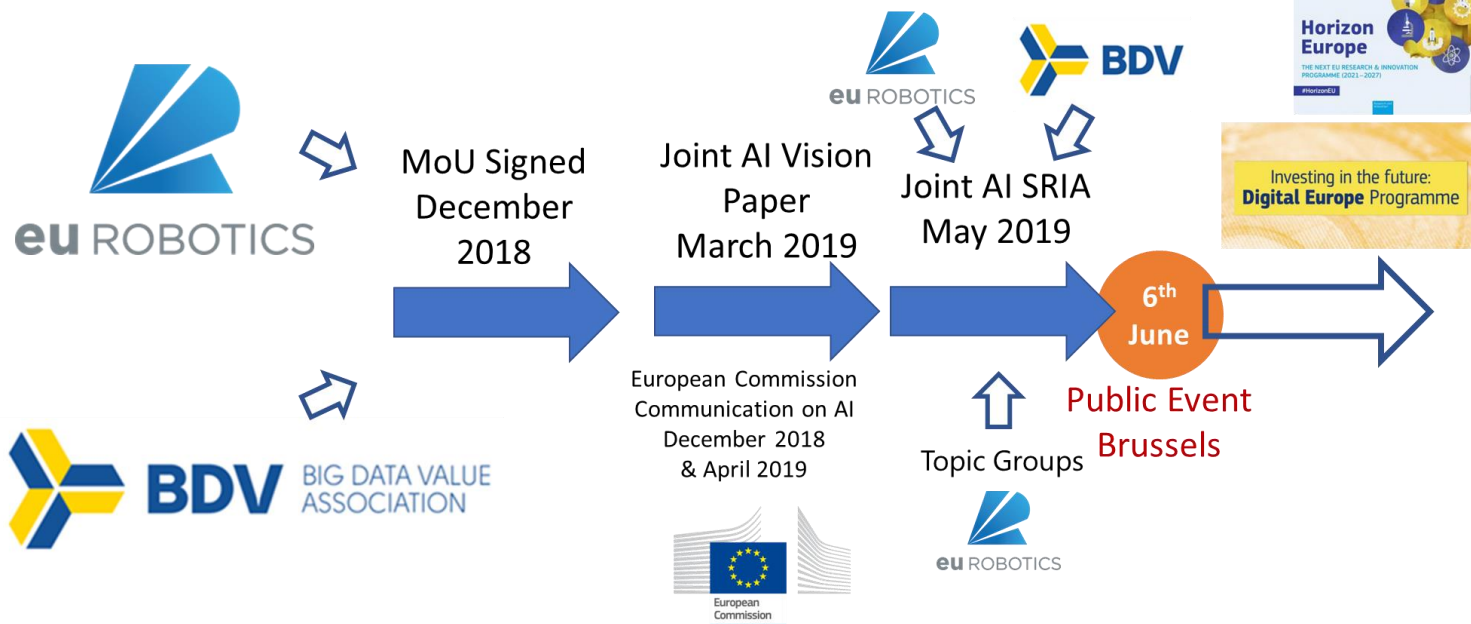
Openness and inclusiveness to bring European knowledge together

Joint strategy leveraging European strengths and unique selling points to be developed

Focused approach to be fast with high impact

Data-driven AI to create value

Holistic view needed!



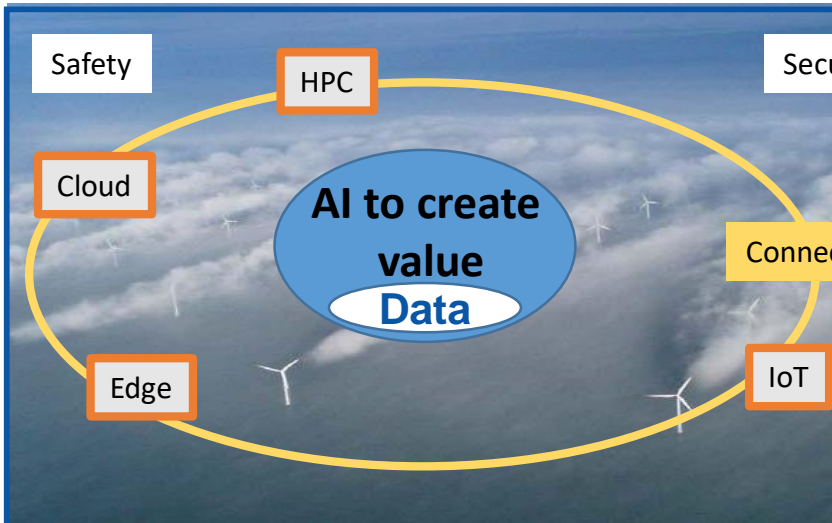
And with other initiatives ...



...

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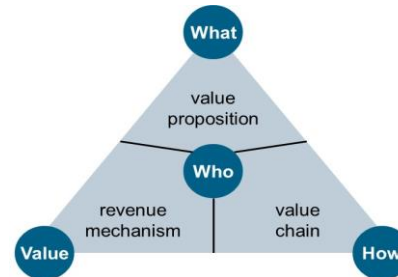
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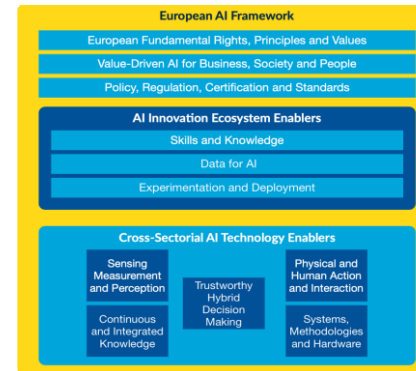
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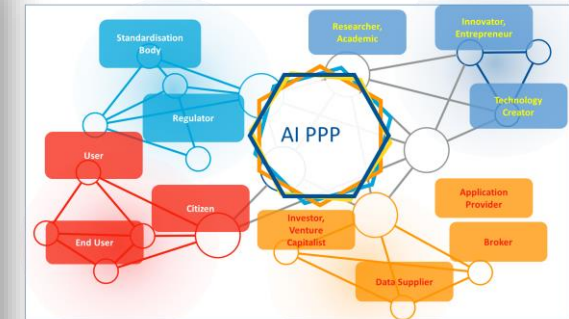
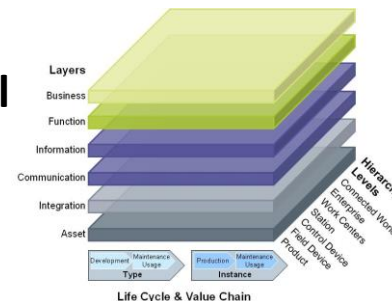
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