



The European Association for Software, Data and Digital Services

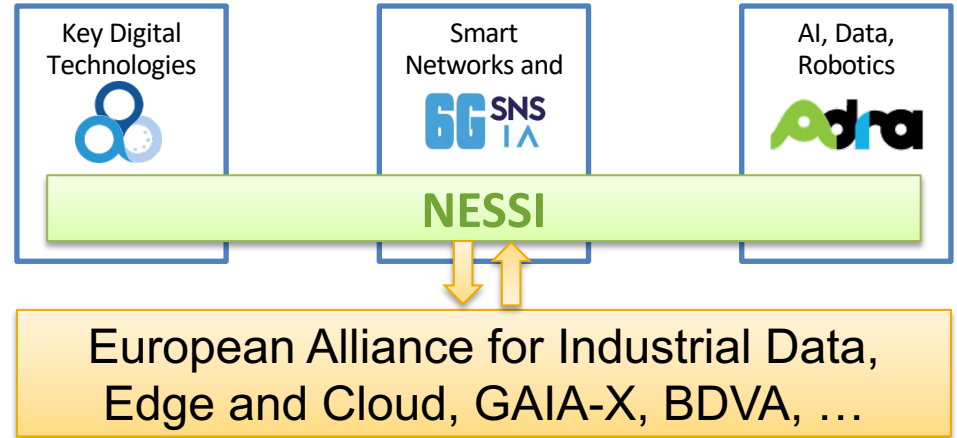
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NESSI Steering Committee Vice Chair
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Horizon Europe Info Day

30 January 2022

- EC-recognized **European Technology Platform** since FP7
- **15 partners** (“full members”) and 400 members representing major ICT stakeholders from industry and academia
- Advocating horizontal, cross-cutting key role of **software** and **service engineering**



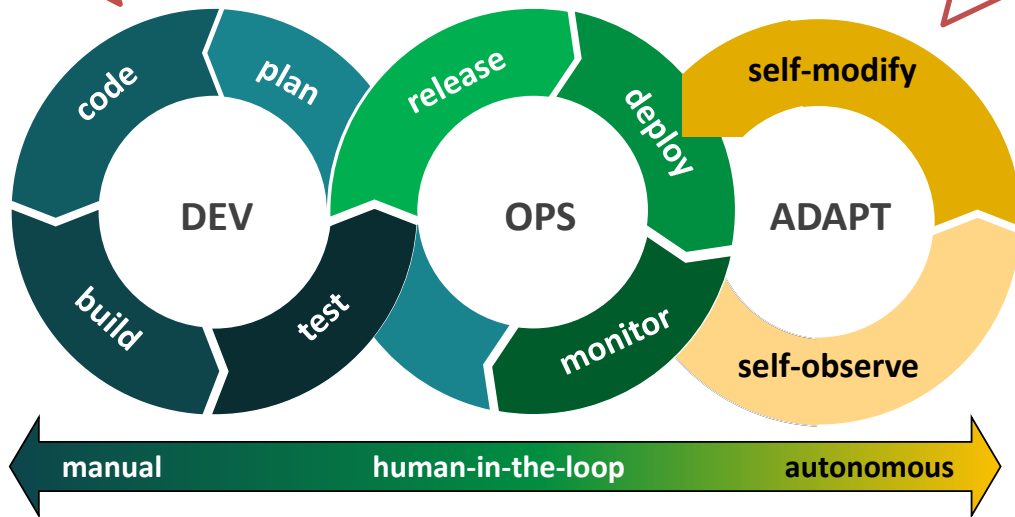
Priority “Software Engineering”

Need for modern software **life-cycle models** and **engineering methods**, e.g.,

- Digital Twins for SE
- Trustworthy SE
- ML/AI for SE

- AI-Ops (automate Ops)
- ML-Ops (automate ML)
- Automatic multi-device deployment

- Decentralized adaptation
- Adaptive trust management
- Cognitive adaptability (reinforcement learning)



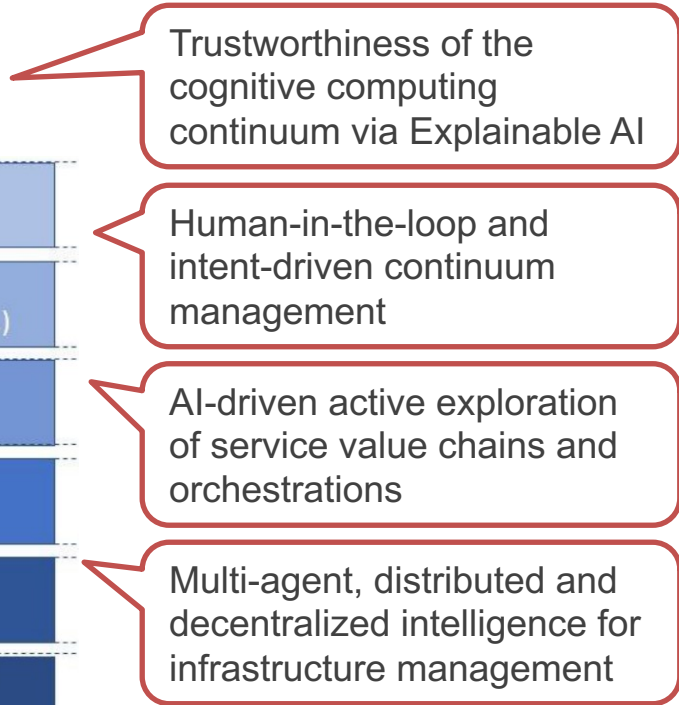
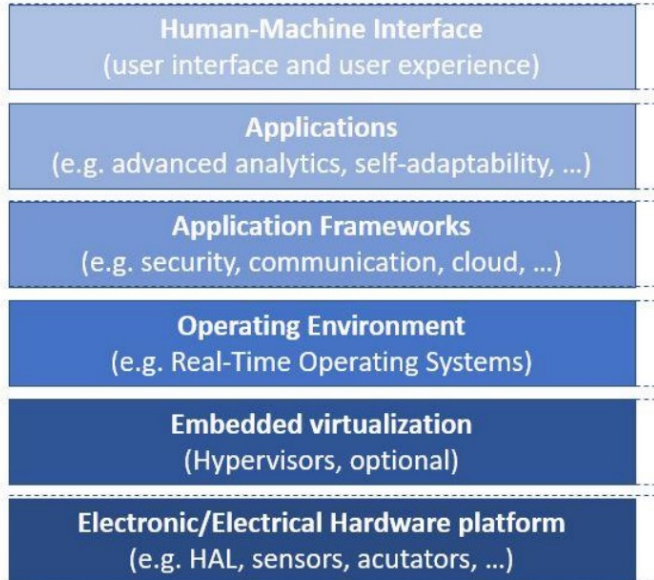
NESSI Paper on Software and Artificial Intelligence



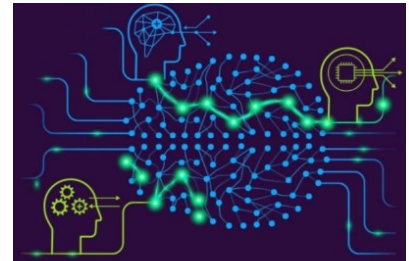
NESSI Stresses the Importance of Software Engineering for KDT

Priority “Service Engineering”

Need for engineering methods for end-to-end service delivery across the **cloud-edge-IoT continuum**, e.g.,



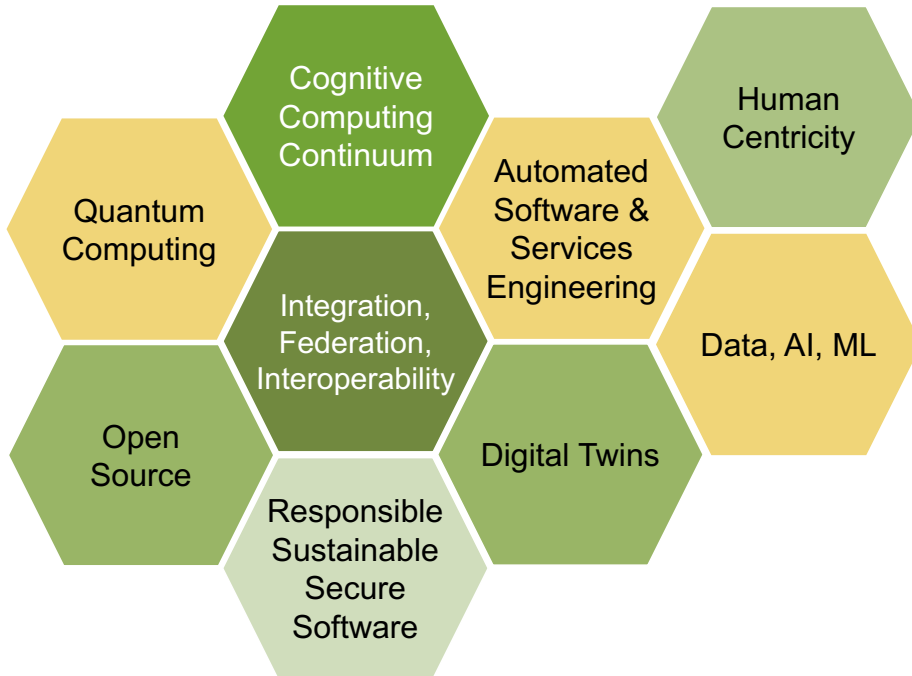
NESSI Paper on Software and Human Centricity



NESSI Paper on the Cognitive Computing Continuum

<https://nessi.eu/>

Current NESSI Topics



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