



# Trustworthy and Green AutoML Framework for Zero-Touch 6G Networks

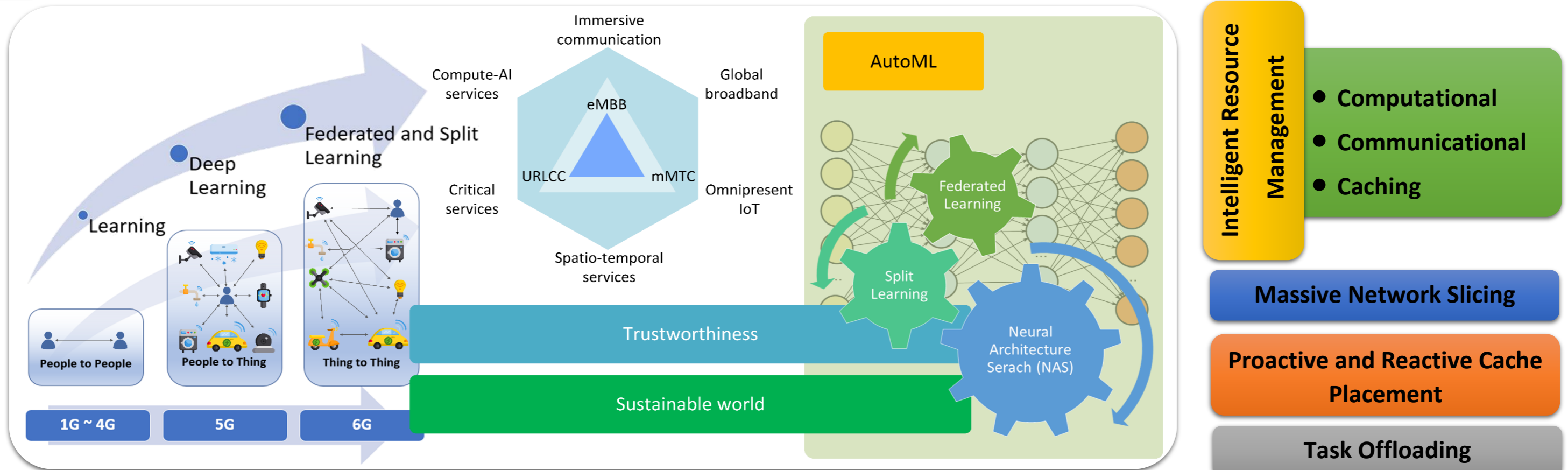
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6G era is Coming

- **Zettabytes** of digital information will be generated by billions of things, humans, connected vehicles, robots, and drones
- Self-contained **Artificial Intelligence (AI) ecosystem**
- Move from **human-centric** to **machine-centric** as much as possible
- Secure **European sovereignty** is intertwined with the development of endemic **6G infrastructures** and solutions



Objectives

- Provide a **Trustworthy** and **Green** AutoML framework for zero-touch 6G networks
- Note **Intentional** or **unintentional** erroneous updates affect:
  - Learning performance
  - The effective use of resources
- Specialized formulations to evaluate energy consumption for ML techniques
- Considering **heterogeneity** in data and resources
- **Incentive design** for FL techniques in zero-touch 6G