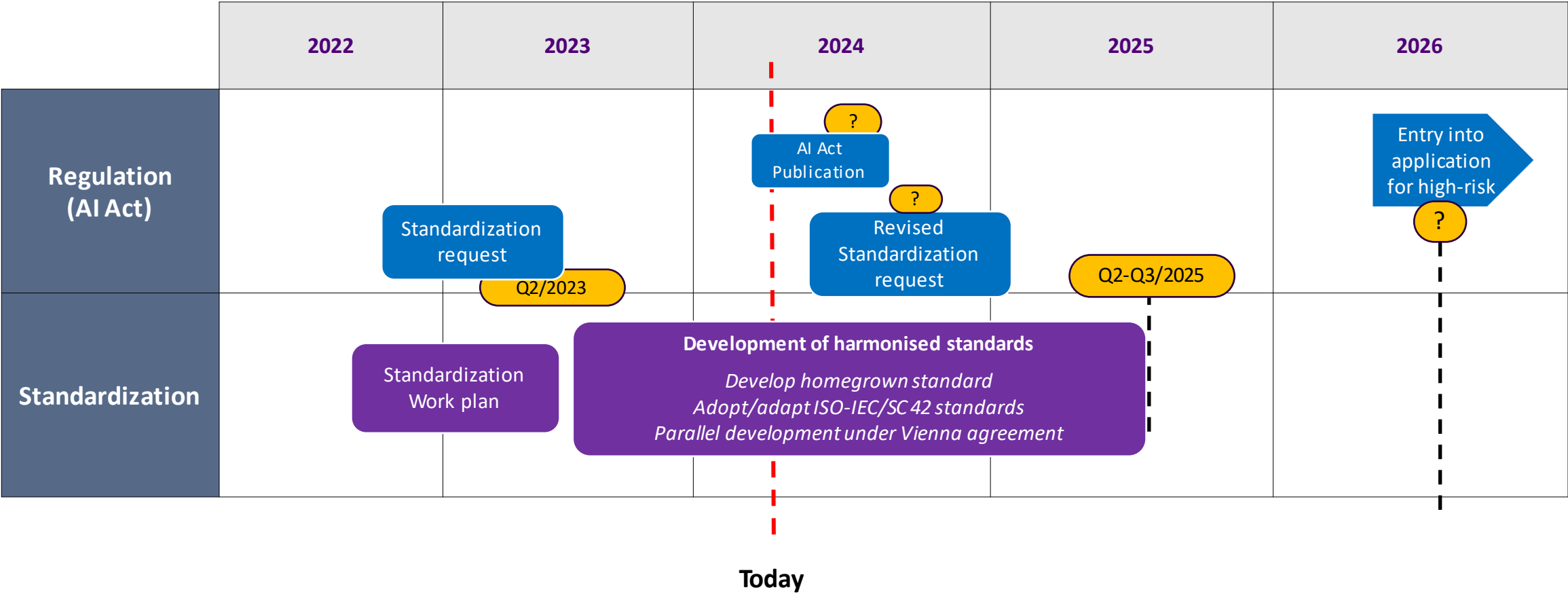


**CEN-CENELEC JTC 21
(ARTIFICIAL INTELLIGENCE)**

**ACTIVITIES IN THE CONTEXT
OF
THE AI ACT**


Patrick Bezombes
Chair AI Standardisation Committee

General timeline for horizontal harmonized standards development



Request for standardization to strengthen the AI act

Standardization request

- 
1. **risk management system** for AI systems
 2. **governance and quality of datasets** used to build AI systems
 3. **record keeping** - built-in logging capabilities in AI systems
 4. **transparency and information** to the users of AI systems
 5. **human oversight** of AI systems
 6. **accuracy** specifications for AI systems
 7. **robustness** specifications for AI systems
 8. **cybersecurity** specifications for AI systems
 9. **quality management system** for providers of AI system
 10. **conformity assessment** for AI systems

“ We need a horizontal approach to unleash the potential of artificial intelligence in all areas. **A cross-cutting technology can only be effectively regulated by horizontal rules** that provide solutions to common challenges.

Commissioner Thierry Breton ”

CEN-CENELEC/JTC 21 standardization work program

JTC 21 standardization program will rely on:

- ISO-IEC key standards on AI terminology
- ISO-IEC key standards on specific concepts (controllability, transparency, robustness...)

Note: JTC 21 can adopt or modify Iso-IEC standards to fit the EC standardization request

JTC 21 is developing homegrown standards:

- AI trustworthiness framework : (weekly meetings)
- AI Risk Management : (weekly meetings)
- AI quality management system (to be launched)
- AI conformity assessment (to be launched)

Focus on “ AI trustworthiness framework ”

AI trustworthiness framework : Working Draft targeted for September

- Fully designed to support the AI Act
- Entry door to AI standardization in the context of AI regulation
- Overarching/high-level requirements
- Will include a chapter for sectoral application
- Could be seen as similar in spirit to the EASA concept paper

| Conclusion

Close cooperation between JTC 21 and verticals is essential to:

- ensure compatibility
- avoid any possible inconsistencies between horizontal and sector specific standards.