An ITEA Smart engineering project

SmartDelta

Managing software quality across product versions and builds



Project summary

Too often it is observed that as a system is being built and incremented with new features or updates, certain quality aspects of the system begin to deteriorate. To accurately analyse the quality implications of each change to a software system, SmartDelta develops automated solutions for the quality assessment of product deltas in a continuous engineering environment.

Consortium

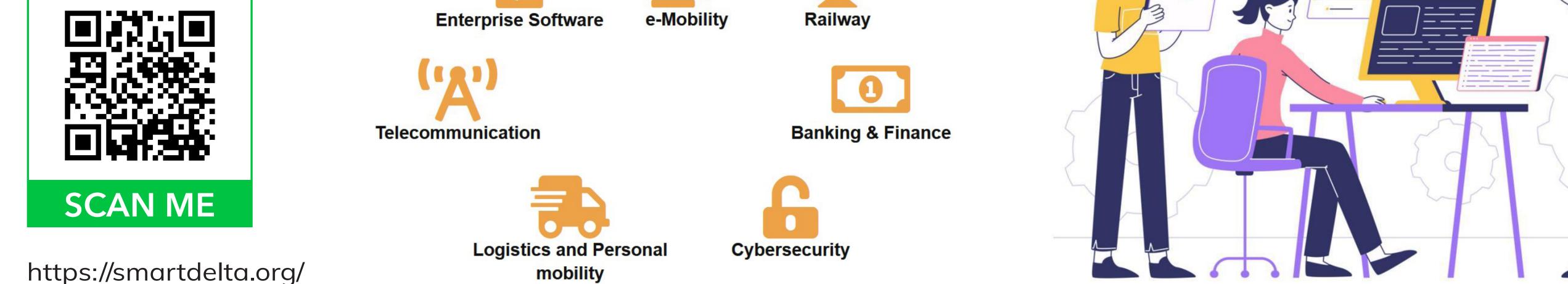


Project duration

December 2021 - March 2025

Expected key results / USPs

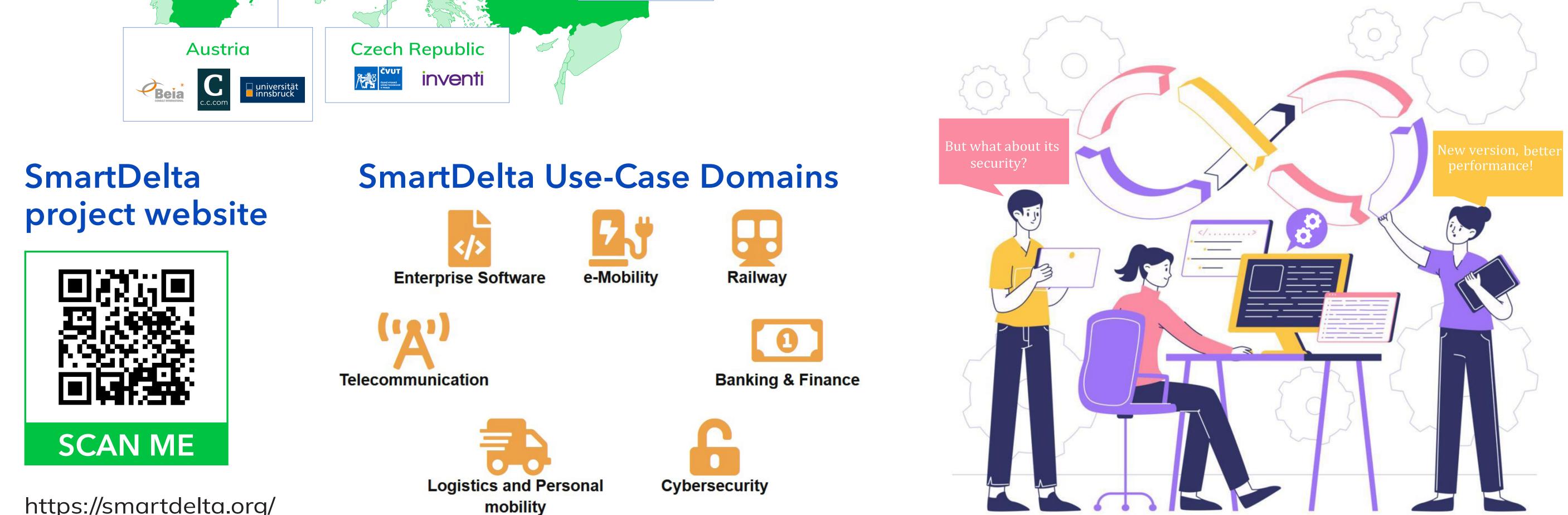
- Methodology for analysis and optimization of quality in multi-variant systems
- Automated similarity analysis and reuse





recommendation

- Prediction of quality changes across > products and detection of 'bad smells'
 - Toolset for automated delta-aware quality assurance





Contact

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