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
This ITEA project is supported by:

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
Mehrdad Saadatmand
RISE - Sweden
E: mehrdad.saadatmand@ri.se
T: +46 72 5 69 59 56

This ITEA project is supported by:

SmartDelta project website
https://smartdelta.org/