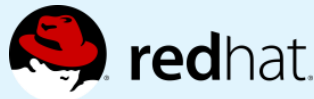


Organisations Analysed



Do you want to collaborate?

Join us!

<https://joinup.ec.europa.eu/community/eu-fossa/>

Work Package 1: Comparative Study



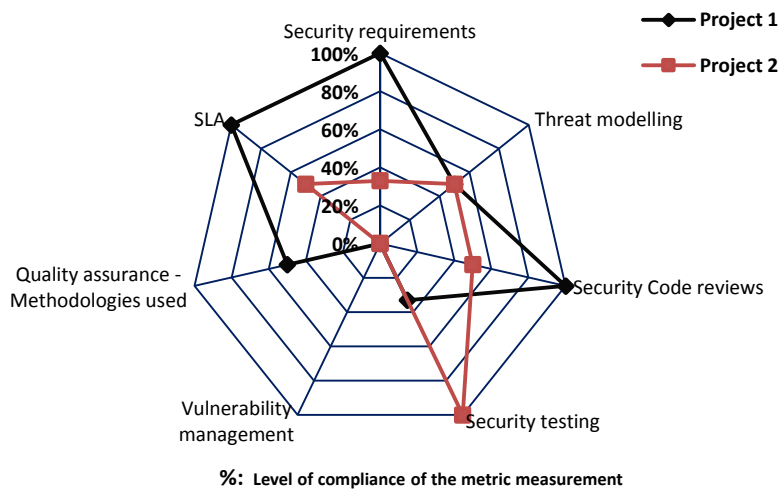
DIGIT – B1

DIGIT

Project Sustainability Metrics

- ✓ An efficient method to evaluate the sustainability of Open Source Projects
- ✓ 34 metrics defined, grouped in 6 categories:
 - Community Activity
 - Performance
 - Quality & Security
 - Demographics & Diversity
 - Governance
 - FOSS support
- ✓ Metrics criteria defined: description, unit and method of measurement
- ✓ Frequency and Responsibility for the measurements defined
- ✓ A Scoring system, to measure each metric
- ✓ Graphic representation of the results

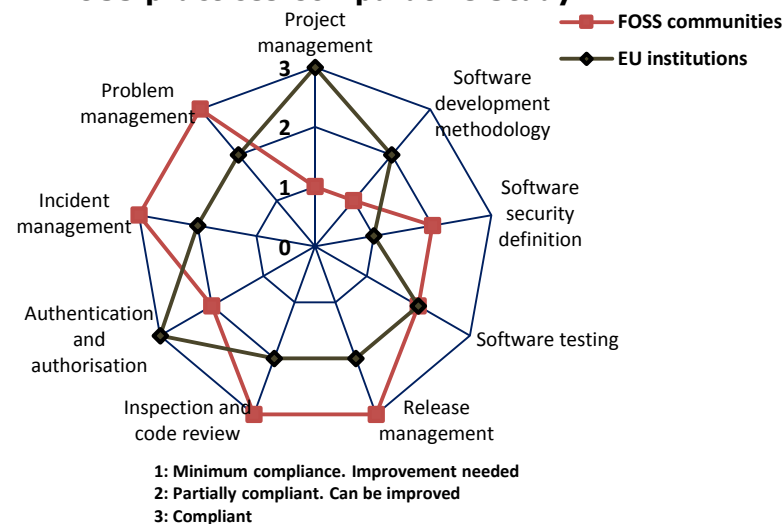
Results - Quality and Security Metrics



FOSS Comparative Study

- ✓ 14 EU institutions and FOSS (Free and Open Source Software) communities analysed
- ✓ 10 Areas and the corresponding software security best practices used during the development life cycle are compared, identifying the less governed areas and proposing recommendations to improve them
- ✓ Main findings:
 - FOSS communities should use formal methodologies for project management and software development.
 - European institutions should improve software security (definition, review, response) for all their projects, independent of whether it is an internal or public application.

OSS practices Comparative Study



FOSS Governance

- ✓ A Governance Model proposed, based on international standards
- ✓ 5 Governance Areas and their relevant processes defined
- ✓ Easy to implement recommendations to evolve the maturity of existing governance practices, among them:
 - Clearly define Roles and Responsibilities, technical or business-related, while ensuring the existence of a Steering Committee
 - Ensure project support at all times
 - Define and comply with the decision-making process
 - Be aligned with business objectives
 - Ensure software governance
 - Provide financial support - Budget or funding resources that offer value-added services

Governance Model

