"ByDesign"
Training set-up and methodology

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Facilitating GDPR compliance for SMEs and promoting Data Protection by Design in ICT products and services

(www.bydesign-project.eu)

HELLENIC DATA PROTECTION AUTHORITY

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ICT abovo
Information & Communication Technologies

Purpose and Methodology

Task's Goal → *Awareness raising for producers of products, services and applications for SMEs*

Train the professionals that are involved in the ICT products and services development lifecycle, such as software engineers and architects, developers, ICT product/project managers and related specialities.

Methodology → *Investigate the awareness level and competences of those persons*

- *Development of appropriate questionnaires, for each category of professionals*
- *Identify initial conclusions and questions*
- *Organize workshops with stakeholders to accurately identify training needs*
- *Finalize training needs report*

An overview of the questionnaires

- General knowledge of the Data Protection Legislation and its principles

- Familiarity with concepts such as Data Controller, Accountability, Rights of data subjects, consent

- Familiarity with the concept of "data protection" in relation to the concept of "information security"

- Familiarity with conducting/contributing a Personal Data Protection Impact Assessment

- Roles and responsibilities, Governance, Organization, Decisions in the design of information systems regarding the protection of personal data

- Knowledge/application of privacy protection techniques/approaches/tools

- Fields of activity, type of applications/services, special needs

- *Different questionnaire for each category of professionals*
- *Use of EU Survey*
- *Stakeholders engagement through professional Unions and organizations as well as through public announcements from the HDPA and UniPi*

Data Collection through Questionnaires
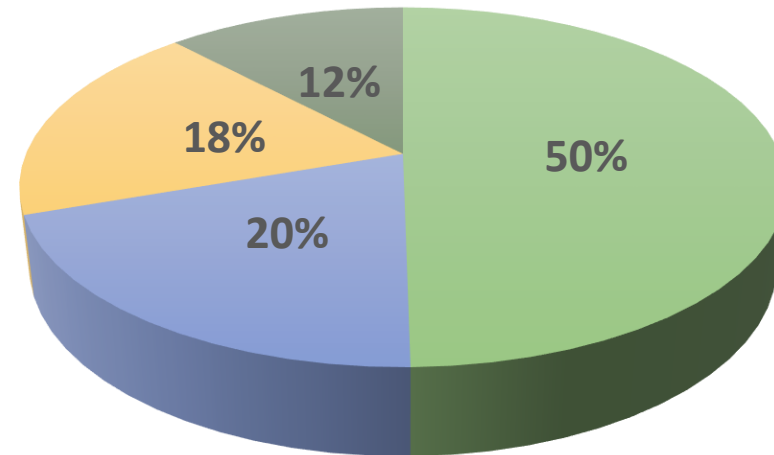

191 questionnaires were collected

- Business role (e.g., department or unit managers, sales and marketing managers, customer relations managers, etc.)
- Requirements analysis, solution design (e.g., system analysts, system engineers, etc.)
- Software development, programming (e.g., software application developer, chief operating officer, technical support engineer)
- Bachelor, Master and Ph.D. Students, with software development experience

58 professionals participated in the four workshops

Main Conclusions (1)

- Many of the participants stated they had general knowledge of the Data Protection Legislation and are familiar with main concepts and principles
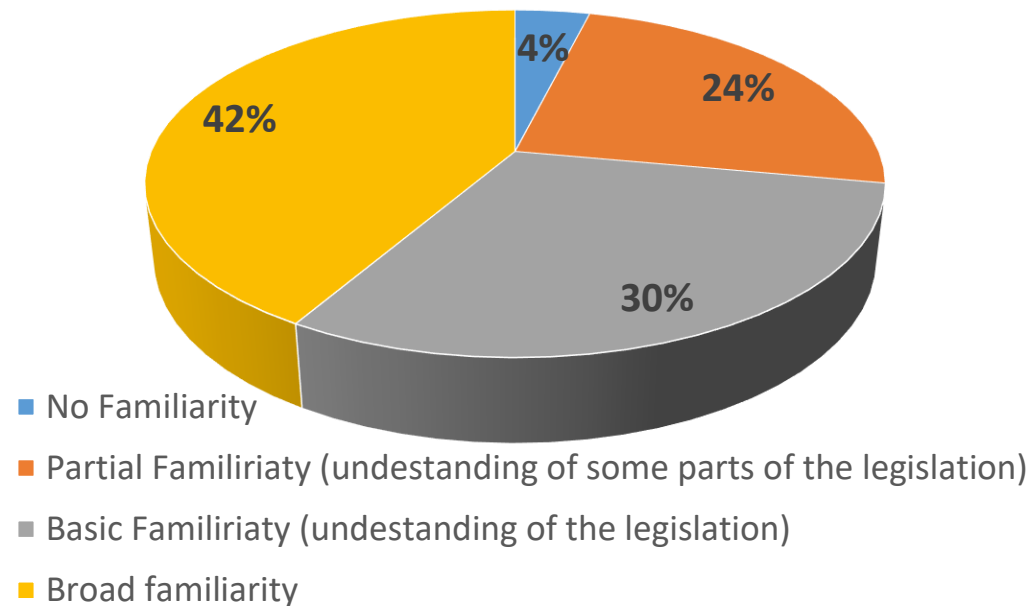
On the other hand, more than half of the participants show some lack of understanding of the GDPR in practical questions

4%

24%

42%

30%

- No Familiarity
- Partial Familiriaty (undestanding of some parts of the legislation)
- Basic Familiriaty (undestanding of the legislation)
- Broad familiarity

Main Conclusions (2)

- Most of the participants consider that they lack the knowledge and skills to fully apply Data Protection rules and Guidelines into their programming work
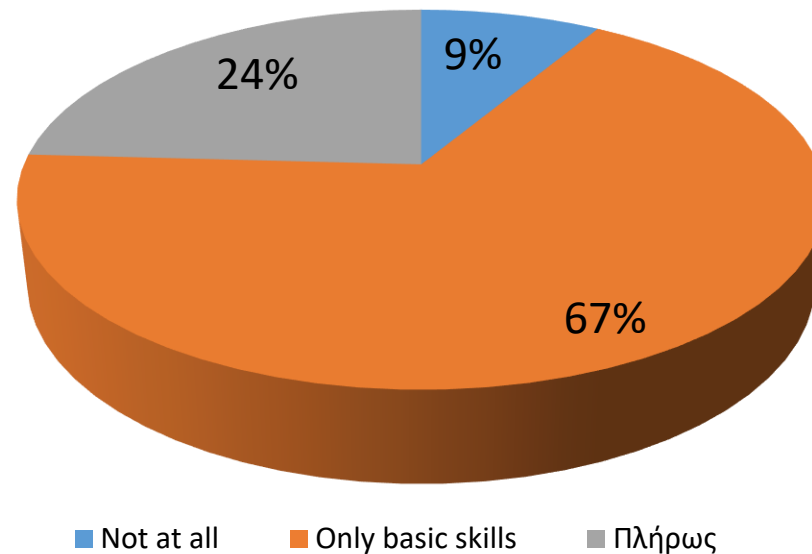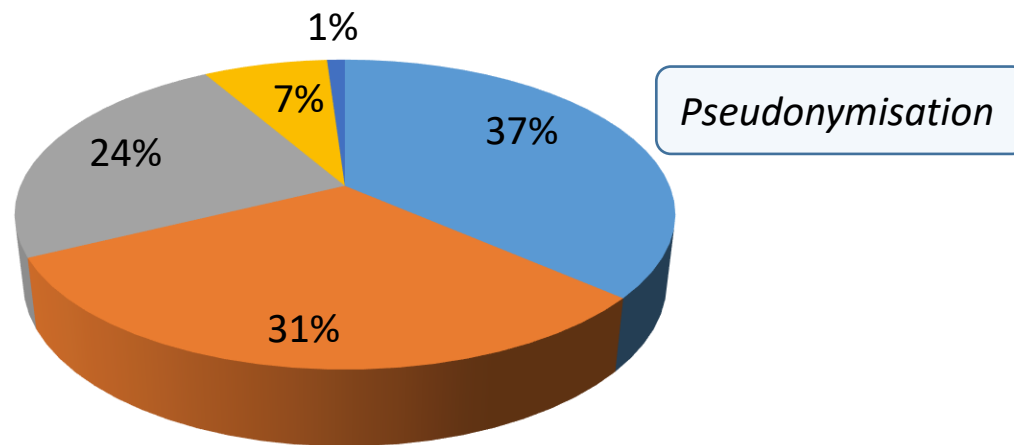
Less than 30% declare that they can easily explain the difference between Privacy and Security in Risk Analysis
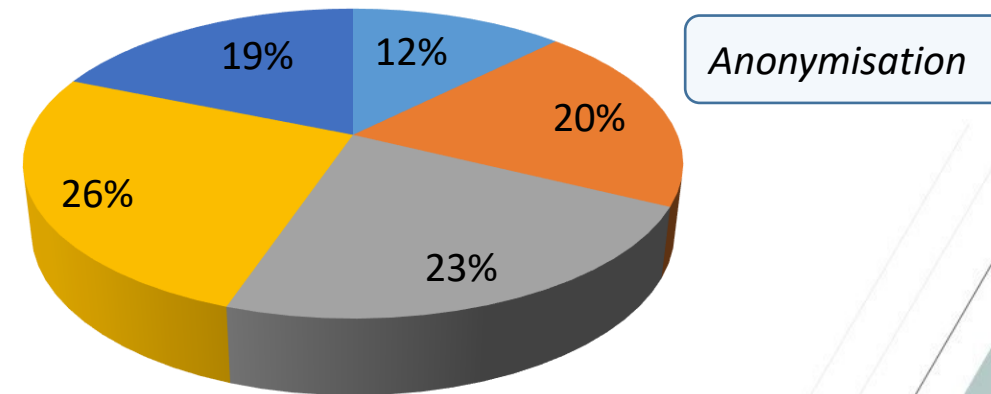
9%

24%

67%

■ Not at all   ■ Only basic skills   ■ Πλήρως

Main Conclusions (3)

- Most of the participants consider that they are not familiar with privacy enhancing techniques/approaches (1)

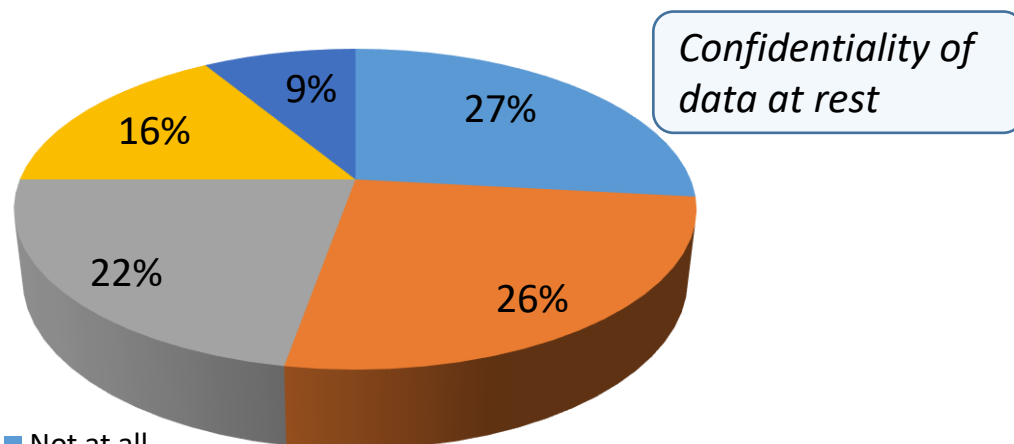*Pseudonymisation*

1%
7%
24%
37%
31%

- Not at all
- A small idea, based on my personal experience
- Quite good theoretical (only) knowledge
- Moderate practical experience/use
- Advanced practical experience/use

Anonymisation

19%   12%
20%
26%
23%

- Not at all
- A small idea, based on my personal experience
- Quite good theoretical (only) knowledge
- Moderate practical experience/use
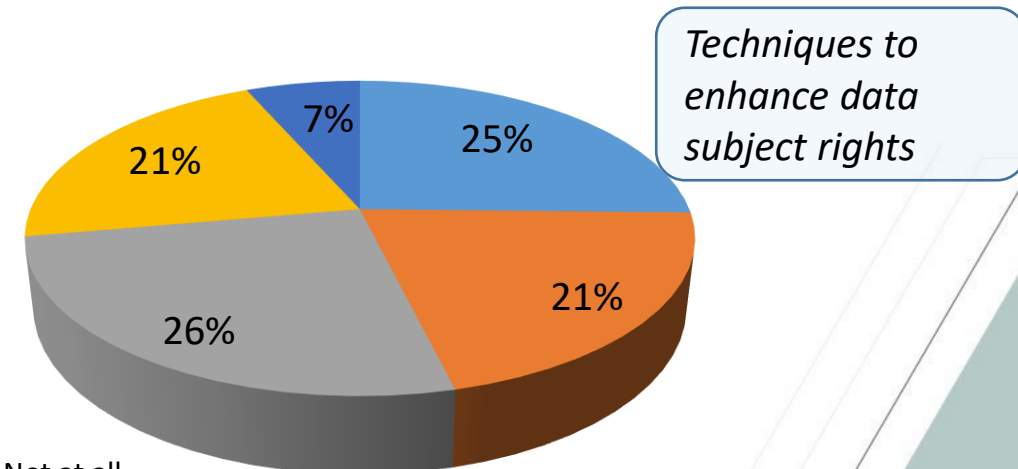- Advanced practical experience/use

Main Conclusions (4)

- Most of the participants consider that they are not familiar with privacy enhancing techniques/approaches (2)

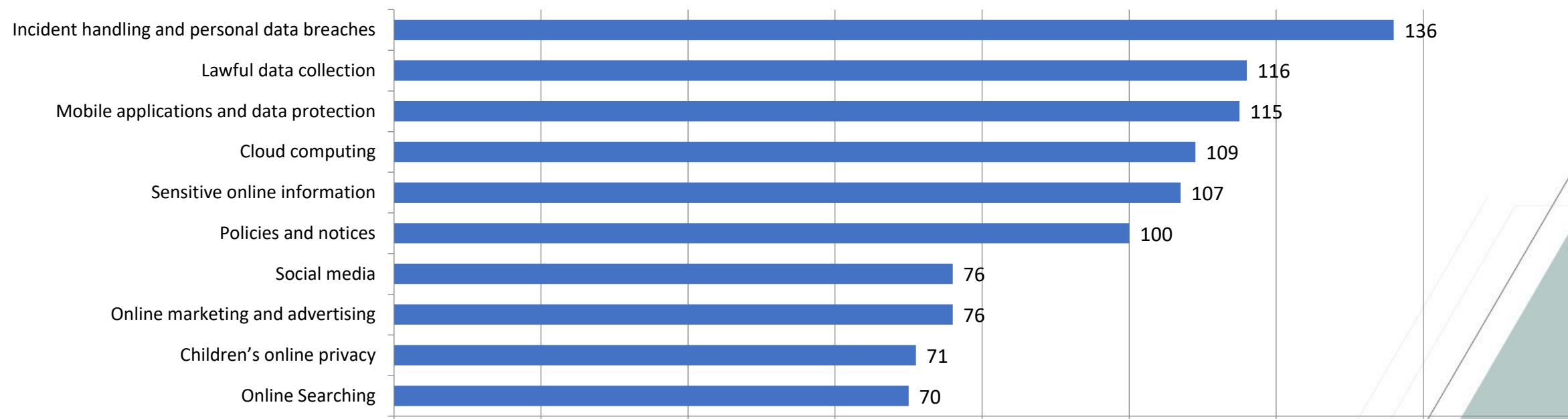*Confidentiality of data at rest*

27%
26%
22%
16%
9%

- Not at all
- A small idea, based on my personal experience
- Quite good theoretical (only) knowledge
- Moderate practical experience/use
- Advanced practical experience/use

Techniques to enhance data subject rights

25%
21%
26%
21%
7%

- Not at all
- A small idea, based on my personal experience
- Quite good theoretical (only) knowledge
- Moderate practical experience/use
- Advanced practical experience/use

Domains of Interest

Requirements identified

Training in Conceptual Foundation, Practical Examples

Training in Privacy by Design Methods, Techniques

Training in Privacy Mechanisms

Training in Handling of Data Breaches

Training in General GDPR Knowledge

Virtual Conference – 29/09/2022

Thank you for your participation