**SPARTA**

Task T9.3 Plan

Date: 24. 4. 2019

**Task-specific WP9 information:**

Any changes to data in the proposal: No

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Partners involved in T9.3 WP9: SAP, **IMT (task leader)**, PPBW, SMILE, L3CE

Task 9.3 duration: M06 to M30

**Methodology proposal:**

1. State of the art: analyse the existing training courses, labels and certifications
2. Identification of important and/or under-developed domains
3. Development of curricula
4. Evaluation and certification of curricula

**Plan for 2019 (please list all planned activities):**

|  |  |  |  |
| --- | --- | --- | --- |
| **Quarter** | **Activity** | **Output** | **Partner Responsible** |
| Q1 | Task Plan Creation | **Report** (This Document) | IMT |
| Q3 | Template creation | **Templates** to describe existing professional trainings | IMT |
| Q3-Q4 | Overview of existing professional trainings – EU | **Report** describing the state of the art | IMT, ?? |
| Q3-Q4 | Overview of existing professional trainings – USA | **Report** describing the state of the art | TBD |
| Q3-Q4 | Overview of existing study programs – Japan | **Report** describing the state of the art | IMT, ?? |
| Q3-Q4 | Overview of existing certifications and recognition systems | **Report** describing the state of the art | IMT, ?? |
| Q4 2019-Q1 2020 | Identification of important and/or under-developed domains | **Report** listing the relevant domains to investigate (course name and broad outline, skills to develop, envisionned activities) | TBD |
| Q4 2019-Q1 2020 | Identification of a relevant certification and/or recognition systém for our courses | **Report** comparing the existing schemes and justifying the chosen one (or proposal of a new scheme) | IMT, ?? |
| Q1 2020-Q2 2020 | Development of a syllabus for one of the domain identified (this sub-task will be run several times in parallel) | **Syllabus** describing a professional training in an important and/or under-developed domains | TBD |
| Q3 2020-Q4 2020 | Production of pedagogical resources | **Pedagogical resources** instanciating one of the previous syllabus | TBD |
| Q4 2020-Q2 2021 | Experimentations and evaluation of produced courses | **Report** on the experimentations run and on their evaluation (by consortium partners and by students) | TBD |
| Q3 2021-Q4 2021 | Certification of our courses | **Certification or label** of our courses in the chosen scheme | TBD |

**Risks:**

|  |  |
| --- | --- |
| **Risk** | **Mitigation strategy** |
| Unavailability of information in English | Use of partner knowledge (best) – own network – machine translation (worst) |
| Insufficient coverage of the global ecosystem (regarding professional trainings) | The consortium is large enough to cover a significant propertion of the European offer. With our contacts, our view of USA and Japan should also be significant (though less precise than for UE) |
| Insufficient coverage of the global ecosystem regarding certification and recognition | Our goal is to either find relevant and well known schemes, or to build a new one |
| Different skill frameworks across trainings | T9.1 should help us get a more uniform view of the skills in cybersecurity |

**KPIs:**

**Description Target**

# of professional training analyzed 50

# of schemes analyzed 20

# of produced syllabus 10

# of created professional trainings 5

# of run and evaluated trainings 3

# of certified trainings ? (this highly depend on the chosen scheme)

**Dissemination strategy:**

Some elements of our reports should be published, in particular the state of the art regarding trainings and certification and recognition schemes.

Obviously, the produced syllabus and pedagogical resources should be published and shared with the community.

Finally, having professional trainings