

Secure COnnected Trustable Things



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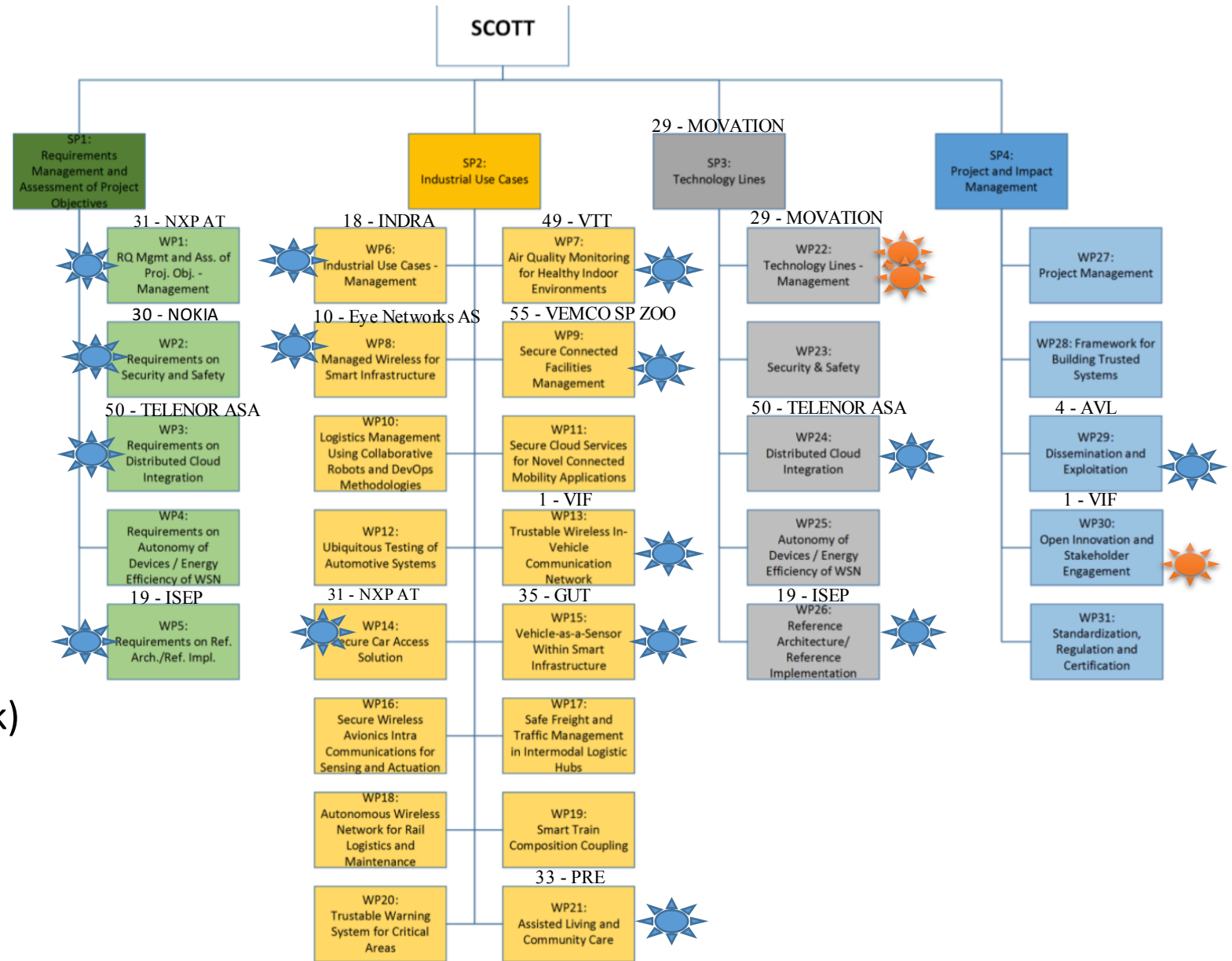
UiO involvement in SCOTT

- The whole picture (of SCOTT)
- UiO Responsibilities
- UiO participants (Students and ourselves)
- Responsibilities per participants
- What we need?
- Questions, discussion!

structure of the SCOTT

 UiO as a partner

 UiO Lead (Deliv. Task)



UiO involvement in Work Packages

- [Overview of UiO involvement in Work Packages in details](#)

- [1 UiO-WP1](#)
- [2 UiO-WP2](#)
- [3 UiO-WP3](#)
- [4 UiO-WP5](#)
- [5 UiO-WP6](#)
- [6 UiO-WP7](#)
- [7 UiO-WP8](#)
- [8 UiO-WP9](#)
- [9 UiO-WP13](#)

- [10 UiO-WP14](#)
- [11 UiO-WP15](#)
- [12 UiO-WP21](#)
- [13 UiO-WP22](#)
- [14 UiO-WP23](#)
- [15 UiO-WP24](#)
- [16 UiO-WP26](#)
- [17 UiO-WP29](#)
- [18 UiO-WP30](#)

Deliverables

Start: 1May2017, thus M04 = 1Sep2017, M07 = 1Dec2017, ...

•Deliverables for each Lead partner is sorted based on its Due month

	Title	Due month	Lead partner	Editor	Dissemination level
D22.1	Assessment of technology	M12	UiO	Toktam Ramezani	Public
D22.3	Trust technologies advances	M24	UiO	Toktam Ramezani	Public
D30.3	Documentation of open innovation activities	M36	UiO	Toktam Ramezani	Confidential

UiO Related Building Blocks

-  [SCOTT-Semantic Attribute Based Access Control \(S-ABAC\)](#)
- [SCOTT-HW supported security mechanisms](#)
- [SCOTT-SCOTT Security Library](#)
- [SCOTT-SCOTT Security Core – Identification, authentication and secure communication](#)
- [SCOTT-Trust Anchor and Trust Indicator for ES and smart sensors](#)
- [SCOTT-Remote Configuration of Infrastructure](#)
- [SCOTT-Mobile Edge Computing](#)
-  [SCOTT-Multi-metrics assessment for measurable security and privacy](#)
-  [SCOTT-Privacy labels \(A-F\)](#)

List of Norwegian Beneficiaries

No	Name	Short name
10	EYE NETWORKS AS	Eye Networks AS
17	HOGSKOLEN I OSLO OG AKERSHUS	HIOA
27	WOLFFIA AS	Wolffia
29	MOVATION AS	MOVA TION
43	SMART INNOVA TION NORW AY AS	SMARTIO
48	TELLU AS	TELLU AS
50	TELENOR ASA	TELENOR ASA
53	UNIVERSITETET I OSLO	UiO

- Deliverables of SCOTT NO
- http://its-wiki.no/wiki/SCOTT:Responsibilities#Responsibilities_in_SCOTT-NO

Questions!

- Gantt charts, WebEx, ..., calendar
- UiO existing and new members, ...

Next

- SCOTT requirements management approach in WP1:
- [https://projects.avl.com/16/0094/WP01/Documents/Documents/Deliverables%20\(work%20in%20progress\)/SCOTT%20REQM%20Approach_Guidance_June2017.pptx?Web=1](https://projects.avl.com/16/0094/WP01/Documents/Documents/Deliverables%20(work%20in%20progress)/SCOTT%20REQM%20Approach_Guidance_June2017.pptx?Web=1)
- BB owners needs to review their BB in terms of description, lead use cases, **number of iterations**, etc. – Deadline: 30.6.17
- **BB owners** needs to get in touch with lead UC leader to **specify the requirements on the SharePoint** – **deadline: 31.08.17**

Main tasks within the project

SP1 Requirements Management and Assessment of Project Objectives	UiO will contribute to requirements elicitation, drawing knowledge from our previous experience on metrics for security and privacy done in previous relevant projects (some related to e.g. Health or Energy Informatics). UiO also contributes to drafting specifications using formal languages and methods as well as designing the overall architecture of the proposed framework.
SP2 Industrial Use Cases – Specification, Integration, Demonstration and Evaluation	UiO is involved in several work packages where the technologies that we develop are used. We are particularly interested in WP8 on Managed Wireless for Smart Infrastructures and WP9 on Secure Connected Facilities Management, as well as access control for vehicles. Moreover, we are engaged in WP7 on Air Quality Monitoring for healthy indoor environments, for which we have good experience from our previous national project on mobile air quality measurements CITI-SENSE-MOB.

Main tasks within the project

SP3 Technology lines – Development and Implementation of Technologies	UiO will coordinate WP22 which will manage the inter-relations between the many technological building blocks, as well as their suitability and applicability to the use cases WPs 2.x. UiO will develop semantic technologies for security and privacy, and ways to use these to automate decisions that need to be taken by IoT agents. These efforts will be integrated with the rest of the partners. UiO will contribute to work on IoT security and on policy-based security, especially using innovative solutions such as semantic ABAC. UiO will also work on developing the framework for measurable security and privacy. The aspects of the framework include metrics development, semantic modelling, and an interactive tool for modelling system of systems. Metrics development addresses the assessment of security and privacy (s,p) functionality into (s,p)-parameters for the framework. Semantic modelling addresses modelling of the system of systems, the security functionally and attributes, as well as reasoning through adaptive modelling. Privacy labelling will be one outcome of this work.
SP4 Dissemination and Exploitation	UiO has many channels of dissemination which will be put to use for the SCOTT project. Master students projects and teaching principles and methods from the project in our courses to students at various levels. We also disseminate in research environments like conferences and symposia. UiO also works actively with industry having annual industry days and research festivals, also having special affiliated innovation companies like the StartupLab. UiO is also heavily involved in projects at both national and European level, having a special division dedicated to EU projects development.