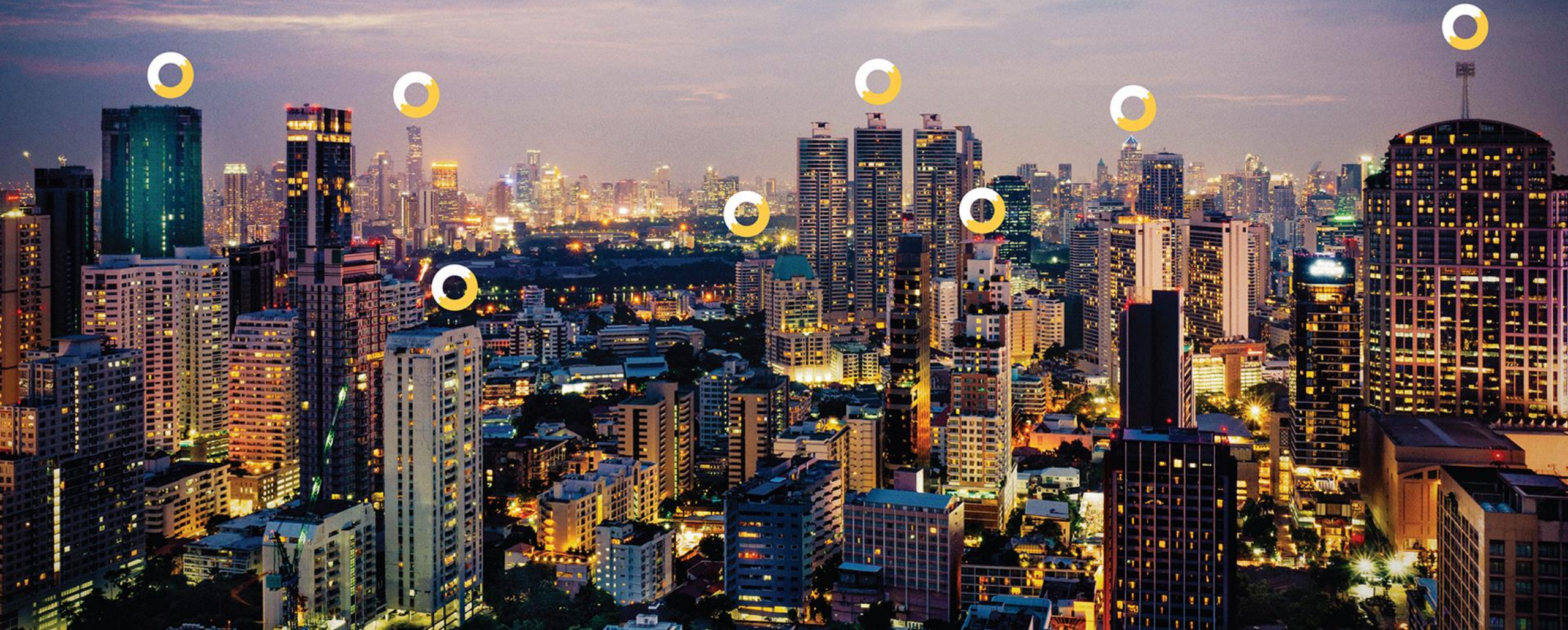


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WP 6

Task 6.2.3

Deliverable 6.11

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Report Overview

- This document is a third in a series of 10 documents that will be used to follow-up pilot activities and to assess their status within WP6 .
- Updates will be provided in:
 - M21: Evaluation period Apr. 2021 to Jun. 2021 – Expected delivery (Jul. 2021) – D6.8
 - M24: Evaluation period Jul. 2021 to Sep. 2021 – Expected delivery (Oct. 2021) – D6.9
 - M30: Evaluation period Oct. 2021 to Dec. 2021 – Expected delivery (Mar. 2022) – D6.10
 - M33: Evaluation period Jan. 2022 to Mar. 2022 – Expected delivery (Apr. 2022) – **D6.11 This document**
 - M36: Evaluation period Apr. 2022 to Jun. 2022 – Expected delivery (Jul. 2022)
 - M39: Evaluation period Jul. 2022 to Sep. 2022 – Expected delivery (Oct. 2022)
 - M42: Evaluation period Oct. 2022 to Dec. 202 – Expected delivery (Jan. 2023)
 - M45: Evaluation period Jan. 2023 to Mar. 2021 – Expected delivery (Apr. 2023)
- These deliverables are complementary to deliverables 6.1 to 6.7 where the performance and the impact on the various KPI's will be discussed in more details.



Pilot List

- **16 Pilots, 7 Countries:**

- I. **Belgium:**

BE 01 Antwerp - Student Dormitory
BE 02 Genk - ThermoVault
BE 03 Genk - Thorpark
BE 04 Gent - Nieuwe Dokken
BE 05 Hasselt - Cordium
BE 06 Kobbegem - Nanogrid
BE 07 Vinkenbos - 3E
BE 08 Zellik - Green Energy Park
FR 01 - Toulon

- II. **France:**

- III. **Germany:**

DE 01 – Hamburg
DE 02 – Norderstedt

- IV. **Greece:**

GR 01 – Volos

- V. **Italy:**

IT 01 – Milano

- VI. **Portugal:**

PT 01 – Portugal
PT 02 – Portugal

- VII. **Netherlands:**

NL 01 – Eindhoven

- VIII. **Overarching Pilot:**

OV 01 – Cybergrid



Report Content

- The planning of the deliverables has slightly shifted due to recent project interventions. D6.10 was due in January 2022 but has moved to March 2022. D6.11 has slightly shifted to June 2022. The next deliverable D6.12 will be expected to be back on track as per July 2022.
- This reporting period has seen a focus on the benchmarking of Cyber Security KPIs.
- The measuring of these KPIs has been proposed by project partner Trialog and is based on an IEC standard IEC 62443. The metrics are Security Level (SL) ranging from 0 to 4 and Maturity Level, ranging from 0 to 4. These two metrics are then used to calculate the Security Program Rating Level, SPR which ranges from 1 to 4. The SPR is actually extracted from the following calculation table on the next page:

Report Content



ML4 Documented process, replicable, continuous follow-up, regular assessment and improvement	SPR0	SPR1	SPR2	SPR3	SPR4
ML3 Documented process, replicable, continuous follow-up	SPR0	SPR1	SPR2	SPR3	SPR4
ML2 Documented process, not needed replication	SPR0	SPR1	SPR2	SPR2	SPR2
ML1 Process ad hoc	SPR0	SPR1	SPR1	SPR1	SPR1
	SL0 No or insufficient protection capability to reach SL1	SL1 Capability to protect against casual or coincidental violation	SL2 Capability to protect against intentional violation using simple means with low resources	SL3 Capability to protect against intentional violation using sophisticated means with moderate resources	SL4 Capability to protect against intentional violation using sophisticated means with extended resources



Report Content

- There has been a briefing on this topic on 18th March with all pilot leaders and a workshop with pilot BE.04 on April 13th 2022. These were recorded and stored here: <https://drive.inesctec.pt/f/14017006>
- The workshop was meant to be used by the pilots as a guide on how to measure their own KPIs.
- It seems to take a bit more time for most pilots to do this exercise and therefore, only a few pilots have been able to define their benchmark at time of this report.
- This is why the benchmark of SL and ML was set at 1 for those pilots who haven't measured or reported yet.
- The pilots will be reminded however of the necessity of these KPIs and asked to report these for D6.12.
- A summary of the measurements has been shown in the table below.
- The reporting has also been simplified to KPIs only because the inputs such as status updates and bottlenecks will be reported in the quality reports series of D6.3 to D6.7. This is done to avoid double reporting.



Cyber Security KPIs overview

PILOT REPORT 04 - D6.11

Month Nr	33		CYBER SECURITY KPIs		
Date	June 2022				
Pilot Nr.	Pilot	CYBER 1 SL (Security Level) from 0 to 4	CYBER 2 ML (Maturity Level) from 0 to 4	CYBER 3 SPR (resulting)	Comments
BE.01	Antwerp IMEC	1	1	1	no input from pilot
BE.02	Genk Appartments	2	1	1	benchmarked on 09/05/2022
BE.03	Thermovault	2	1	1	benchmarked on 07/06/2022
BE.03	Genk Thorpark	2	1	1	benchmarked on 07/06/2022
BE.04	Ghent Nieuwe Dokken	1	1	1	benchmarked on 04/2022
BE.05	Hasselt Cordium	2	1	1	benchmarked on 07/06/2022
BE.06	Kobbegem NANOGRID	1	1	1	no input from pilot
BE.07	Vinkenbosch	1	1	1	no input from pilot
BE.08	Zellik GEP	2	2	2	benchmarked on 04/2022
FR.01	Toulon	2	1	1	benchmarked 05/2022
DE.01	Hamburg	1	1	1	no input from pilot
DE.02	Norderstedt	1	1	1	no input from pilot
GR.01	Gridnet	1	1	1	no input from pilot
IT.01	Milano	3	2	2	benchmarked on 06/2022
PT.01	Portugal	1	1	1	no input from pilot
NL.01	Eindhoven	1	1	1	no input from pilot
OV.01	Overarching Pilot	1	1	1	no input from pilot



Conclusion

- Some pilots were able to measure their Cyber KPIs. This measurement will continue in the next period for D6.12. WP6 will remind the pilots.
- The summary of the KPI spreadsheet and all contributions from the pilots have been posted on the project drive here:
- <https://drive.inesctec.pt/f/22074564>

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FINANCING



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