

## Khan, Md Shariar Imroze

---

**Subject:** Beyond Zero - use of LLM to interpret and exploit Synergy  
**Location:** Microsoft Teams Meeting

**Start:** Thu 31/10/2024 12:00  
**End:** Thu 31/10/2024 12:30  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Organiser:** Soldato, Carmela  
**Required Attendees:** Busby, Richard Dr.; Walker, Craig; Khan, Md Shariar Imroze; Davies, Mark

Dear all,

Following up from the H2 UK Management Review Mark, Richard and myself just joined, I would like to organise a short touch base to talk about option we can explore to use LLM technology for our Synergy observations.

Thaks

Carmela

Mthulizi Zulu (M65466)	OH&S incidents analysis	10/10/2023 There is current work being undertaken and steered by HSSE AO to develop large language learning model focused on extracting Synergi case description data e.g. accidents, near misses, observations. The work is akin to thematic methodology which is used for analysing qualitative data. Data will be examined to identify the common themes/trends that come up repeatedly in Synergi case text descriptions. This modelling can assist to identify hazards better and what areas to focus actions backed up by the limited root cause data e.g. root cause is currently not mandatory for observations. The expected outcome is greater certainty of associated immediate causes. However, this will not assist further understanding of the root causes which are mandatory entry for significant investigated cases compared with observations. Target completion of the large language learning model is Q1 2024. The intention is to use the model to analyse entire H1 and H2 incidents data and report at the next MSR 2024. On a related topic, the significant incidents that occur at sites but are managed and reported by UTL will be separated and reported separately for improved transparency. 20/03/2024 #38763 Action 6 - The proof of concept was tested on the Synergi case description text and proved to have value as an "indicator". Suggestion is to explore integration of the LLM with PBI in lieu of requesting COODE use case (priorities). Next step is to develop this into a tool and that is useable Uniper wide. To that effect, the development needs to be steered by appropriate Uniper responsible team and the third party developer. - Tool will have Uniper wide applicability and suggestion is tool development sits with Functional Systems team who currently also own Synergi Incident Module. - Instruction guidance can then be developed to support users Deadline extended following update from M.Zulu 20/03/24 on enabling release and analysis of the information. 17/07/2024 Interim solution in lieu of the LLM is to generate selection reports from Synergi	3
------------------------------	----------------------------	--	---

---

## Microsoft Teams [Need help?](#)

### [Join the meeting now](#)

Meeting ID: 361 743 835 208

Passcode: YTTVKY

---

### Dial in by phone

[+49 69 365057514,,748301877#](#) Germany, Frankfurt

[Find a local number](#)

Phone conference ID: 748 301 877#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

---