COUNTERMEASURE COACHING PROGRAMME

THE DRIVER APP



The Goal is to inform the driver about the risk to be highly fatigued during the upcoming shift.

If an unsafe level of fatigue is predicted, the driver receives a notification that specifies the approximate time of the shift when there is a high risk to be fatigued. This notification advises them to be cautious and take a possible actions to minimize the fatigue state.



PRE-SHIFT

FATIGUE ALERT

The Goal is to inform drivers about current fatigue state and notify them if they reach a critical level

Panacea APP
Fatigue level is highl

STRESS MANAGEMENT

The Goal is to inform the driver about critical stress levels and help them reduce stress.

Panacea APP
The stress level is critical!

DURING SHIFT

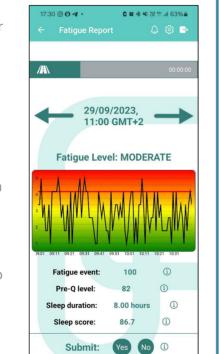
FATIGUE REPORT

The Goal is to provide driver with insight on their daily fatigue levels.

When the driver finishes the shift, a report is generated about their fatigue levels throughout the day, and the driver receives a notification to their mobile device.

The report shows a graph depicting the driver's fatigue levels over time as well as other fatigue-related information.

The user has the option to shift between days and to share the report with the operator who will then be able to see it under the driver profile.



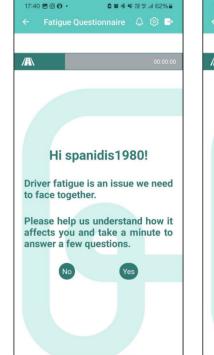
FATIGUE QUESTIONNAIRE

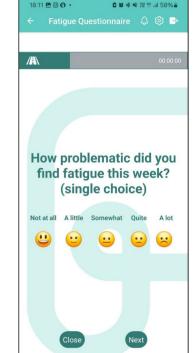
The Goal is to help driver to subjectively assess and contextualize their fatigue and raise the issues with the operator.

The driver receives a notification asking them to answer a couple of short fatigue related questions:

- Evaluating the seriousness of fatigue in the past week,
- Evaluating shift satisfaction and identifying possible improvements,
- Inquiring about used anti-fatigue strategies,
- Identifying most important areas for

improvement.





AFTER SHIFT

Beginning of the shift

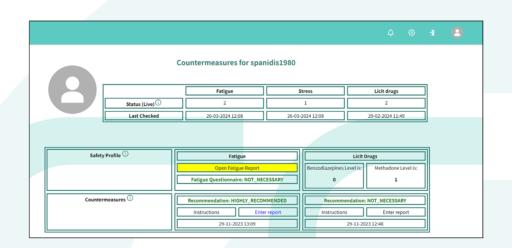
THE DRIVER'S SHIFT

End of the shift

THE OPERATOR'S DASHBOARD

The operator is provided with a dashboard represented as a two-part panel with an overview of the impairments measured:

- The "live status" part displays the acute state of impairments which require immediate, operational countermeasures (i.e., Fatigue alert)
- The "safety profile" provides the operator with information shared by the driver, and tactical/strategic countermeasures (i.e., Fatigue and Licit drug debriefing).





Rachel Talbot, Claire Quigley, Fran Pilkington-Cheney, Lloyd Jones, Ashleigh Filtness (LOUGH), Artiom Sauchuk, Roberto Carroccia, Davide Shingo Usami (CTLup), Lenart Motnikar (AIT), Anna Anund, Anna Dahlman (VTI), Beatriz Delgado (DATIK) Roar Skjelbred Larsen, Live Tanum Pasnin, Grethe Brennhovd Clausen (ROADPOL), Katerina Touliou (CERTH)







