



CELTIC-NEXT Proposers Day



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Pitch of the Project Proposal

**Safety assurance in teleoperated
driving**



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Teaser



What is the main benefit of the idea/proposal?

Increasing the safety of the teleoperated vehicles from operator side

What makes the added value?

Benefiting from a cross-functional platform based on the foundations neuroscience and the analysing power of artificial intelligence to give a deep insight about human performance in teleoperating environments.

Why should I participate in the project?

The technology is disruptive and will be the first of its kind to the mobility industry. You could be a part of a consortium introducing a new level of safety within the mobility sector.



Organisation Profile



InnoBrain is a neuro-tech company with the vision to industrialize the benefits of Brain-Computer Interface.

InnoBrain has received different national and EU prizes and nomination for its technology and collaborating in different national and international projects.



SKAPA Innovation prize “in the memory of Alfred Nobel”, Stockholm region, 2019



The finalist of the Stockholm Innovation Scholarship, 2020



Urban Mobility



Sweden's Innovation Agency



A recognized member of the European AI landscape



Proposal Introduction



Vision, Motivation, Content:

Align with its vision to industrialise the BCI technology, InnoBrain wants to implement its technology within the mobility sector in order to increase the safety level of the new approaches toward autonomous mobility, namely teleoperated driving as a technology enabler. The technology is able to be tailored to different mobility applications.

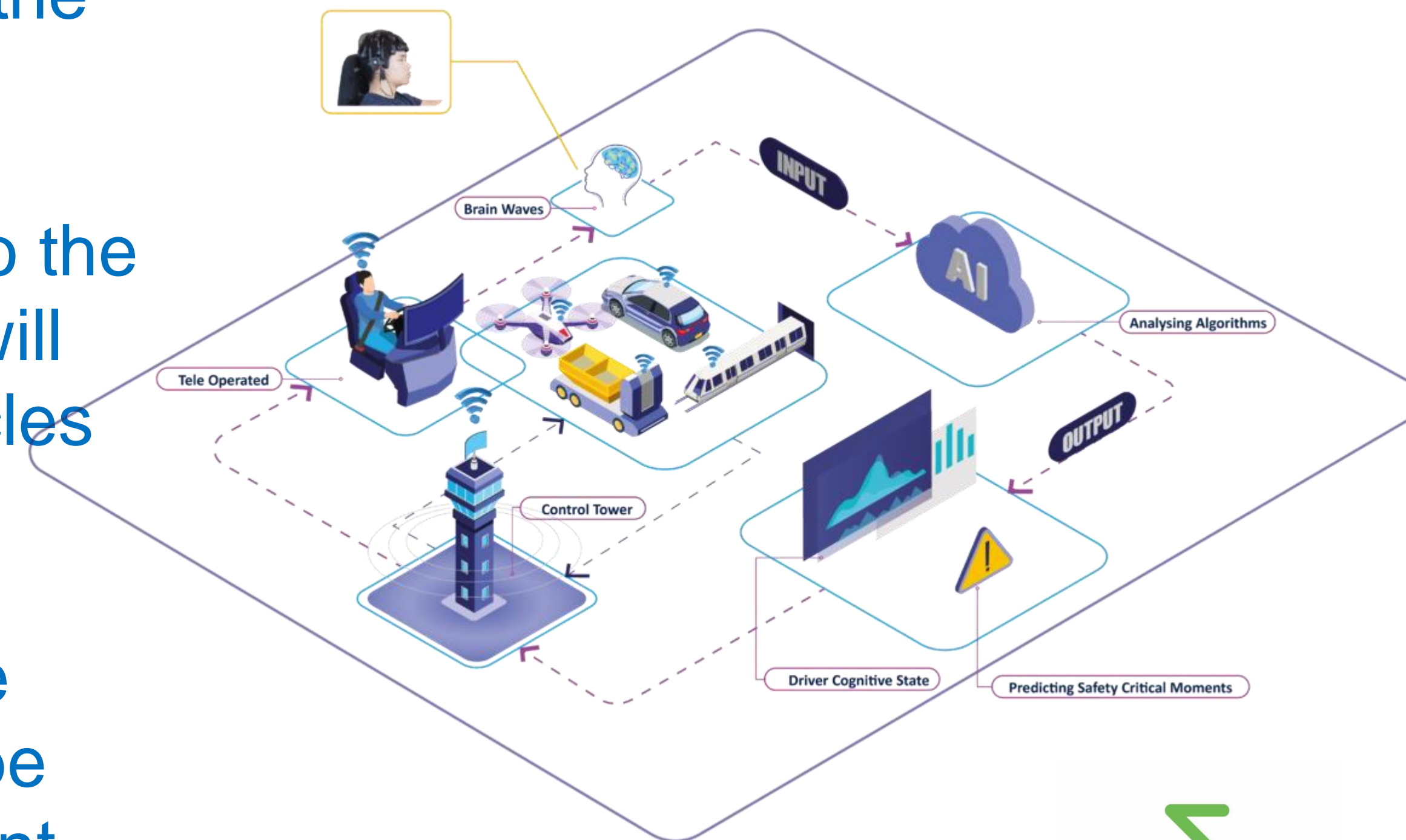


Proposal Introduction

Outcome: The project outcome will be a cloud-based platform to integrate InnoBrain's technology with the teleoperated players.

Impact: This can add an additional safety layer to the daily operation of the teleoperated vehicles and will play as an enabler for the fully autonomous vehicles in the society.

Timeline and plan: The project is expected to be completed within 2 years where the platform will be directly launched in the market. InnoBrain's current customers will be the early adapters as a market entry point.



Partners



Confirmed: Integrated Transport Research Lab at KTH Royal Institute of Technology (Sweden)

Under discussion: Department of Department of Psychology, University of London (UK), Technical University of Ingolstadt (Germany), A teleoperating company (in EU)

Wanted: IT companies within cloud computing technology and communication

*ITRL – INTEGRATED TRANSPORT
RESEARCH LAB*

KTH ROYAL INSTITUTE OF TECHNOLOGY



Contact Info



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