



CELTIC-EUROGIA Proposers Day



29th January 2020, at Nokia Premises in Madrid

Pitch of the Project Proposal

Underwater and Free-Space Optical Communication Solutions



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Environmental-Friendly Free-Space and Marine-Friendly Underwater Communication Using Light-Beam Technology



Organisation Profile



Bahçeşehir University
BAU R&D and Innovation Projects Unit was established

BAU A.Ş.
New startup company located in Teknopark Istanbul

BAU A.Ş.
R&D Center application has been made and R&D activities continue on New Campus

2008

2015

2016

2019

2020

Government Funded R&D Project

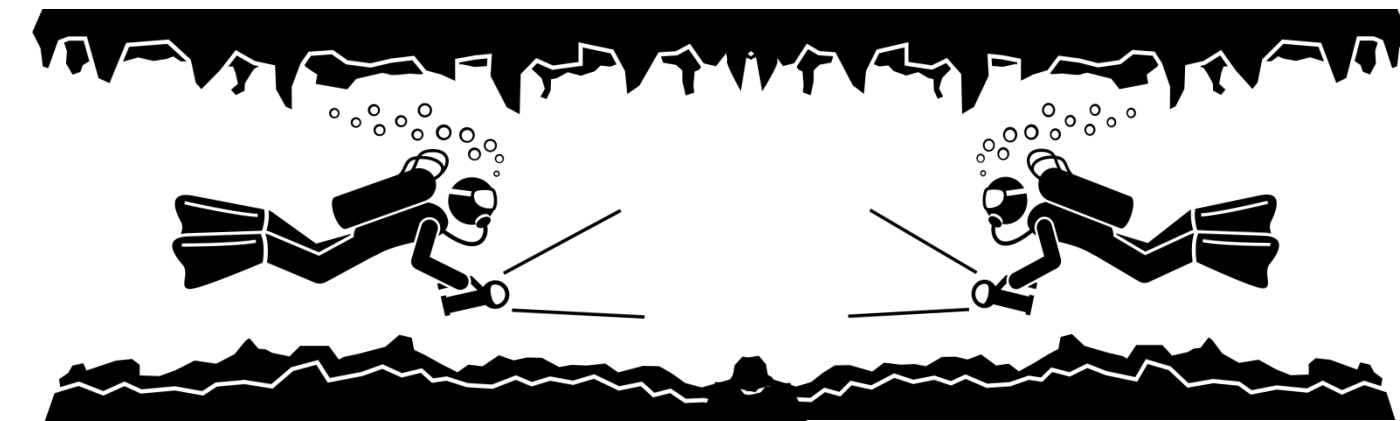
*Secure Two-Way Optical Communication between an Underwater and an Airborne Platform completed
Budget: 1.5M€*

Government Funded R&D Project


*Self Noise Prediction and Acoustic Monitoring/Warning System for ROVs Project
Budget: 1M€*

Proposal Introduction

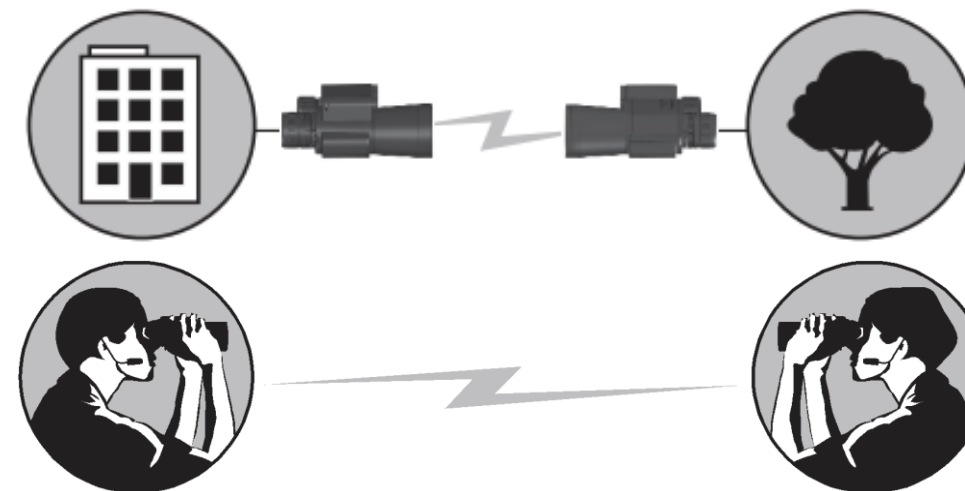
UNDERWATER ELECTRO OPTIC COMMUNICATION SYSTEM (coDiver)




 **Patent NO: 2009/03245**

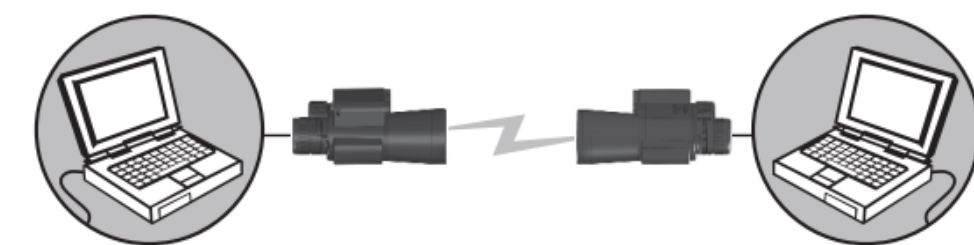
 **TRL 7 /** The prototype was shown in the operational environment (real environment)


SECURE OPTICAL COMMUNICATION BINOCULAR (coLink)



 **TRL 7 /** The prototype was shown in the operational environment (real environment)

ATMOSPHERIC ELECTRO-OPTIC COMMUNICATION SYSTEM (coDatalink)



 **TRL 5 /** Laboratory prototype verification was performed in appropriate environment

Join the follow-up Telco

3 February 10-10.30 CET

Meeting number : 141 159 650

Meeting password: RAwuMpd936

Link to join:

<https://eurescom-meetings.webex.com/eurescom-meetings/j.php?MTID=m34ae73a3560d5f21c56ed0c499d5257b>

Join by phone

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[Global call-in numbers](#)

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Contact Info



For more information and for interest to participate please contact:

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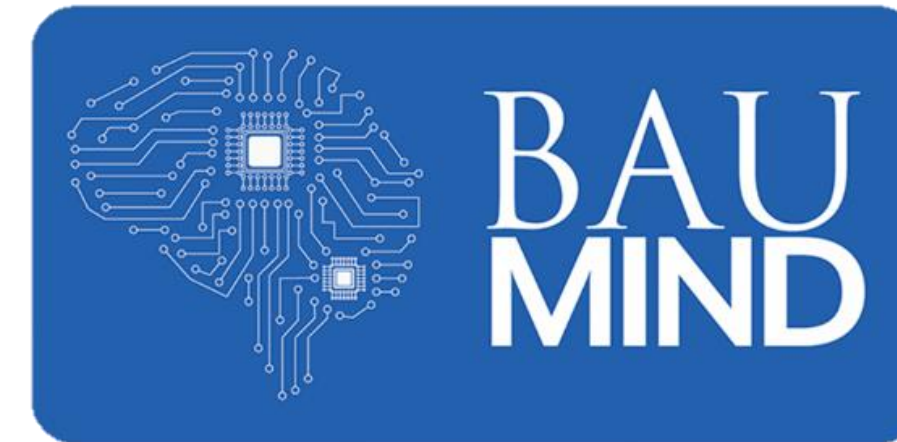
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Presentation available via:

