



On-line workshop:

# **‘La robotica ispettiva, di intervento e di monitoraggio per operazioni subacquee’**

21 Febbraio 2022

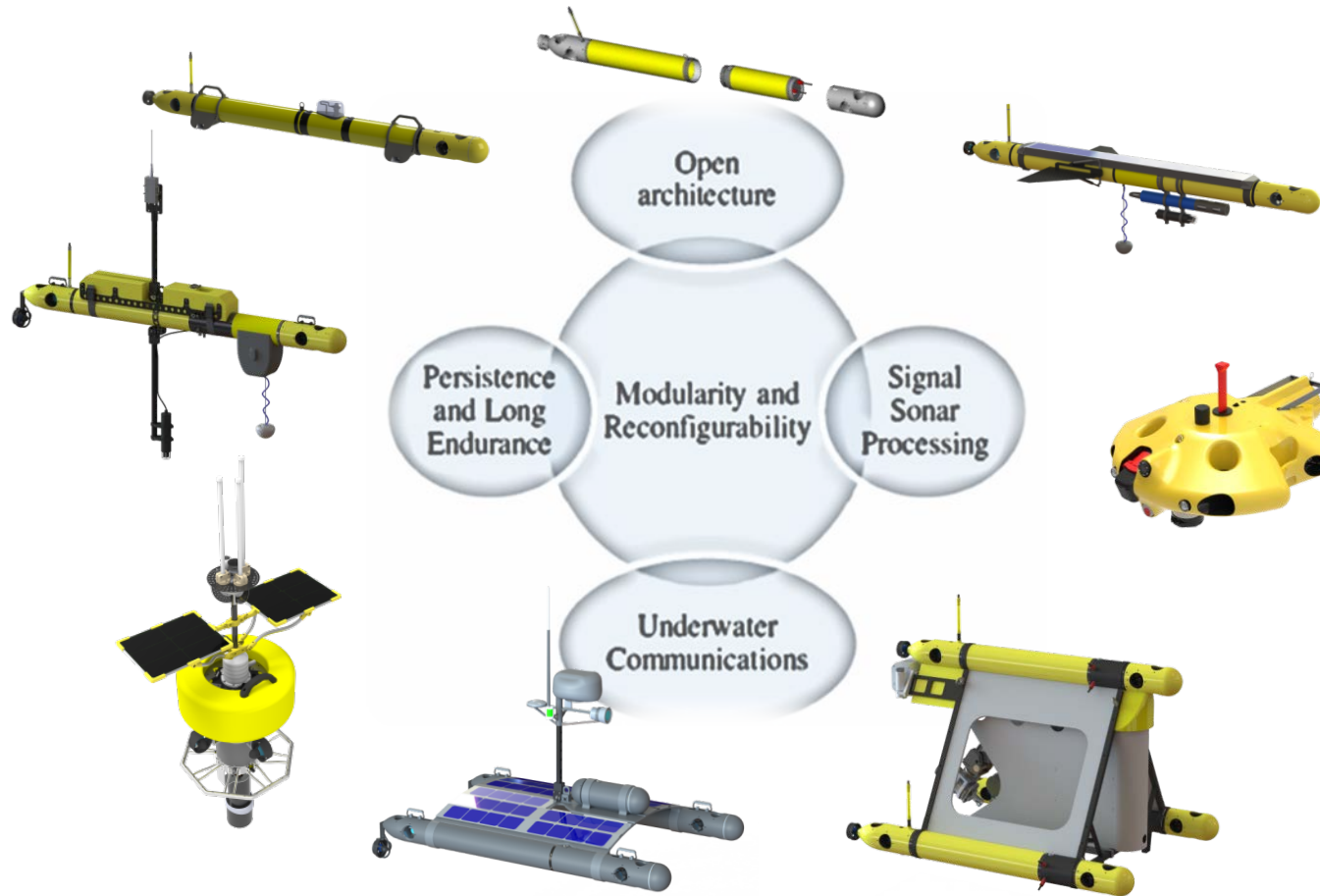


# **‘BOOMER Long endurance and passive acoustic monitoring– sea trials’**

Andrea Caffaz, Graal Tech

On–line workshop, 21 Febbraio 2022

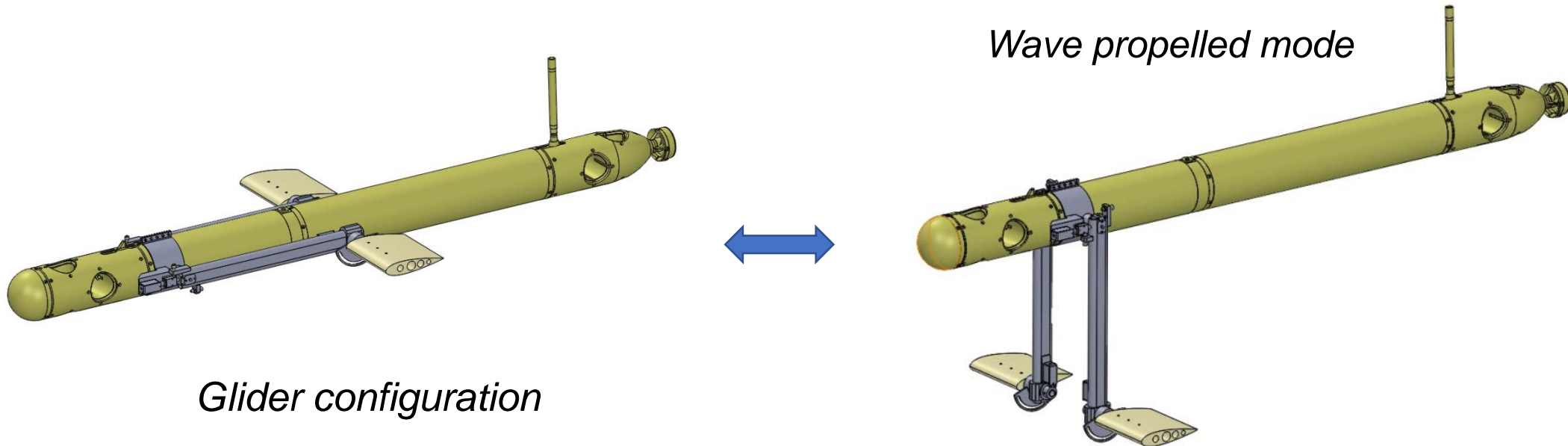
# BOOMER *reconfigurable autonomous systems for underwater warfare*

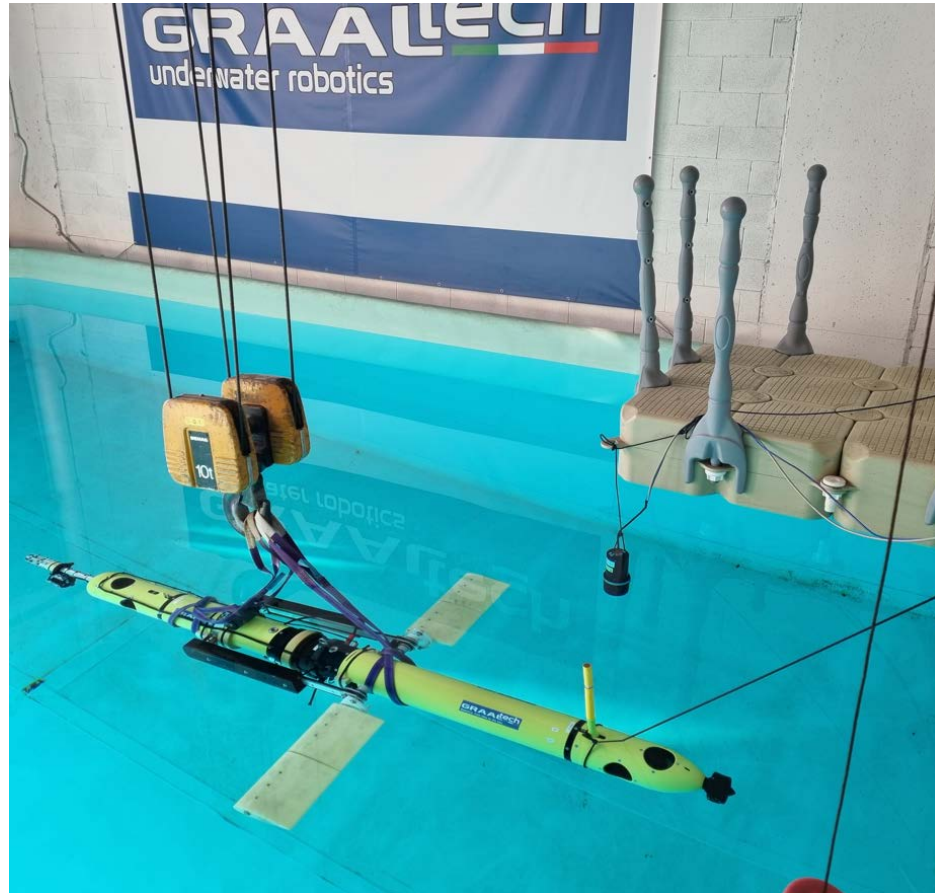


Partnership:

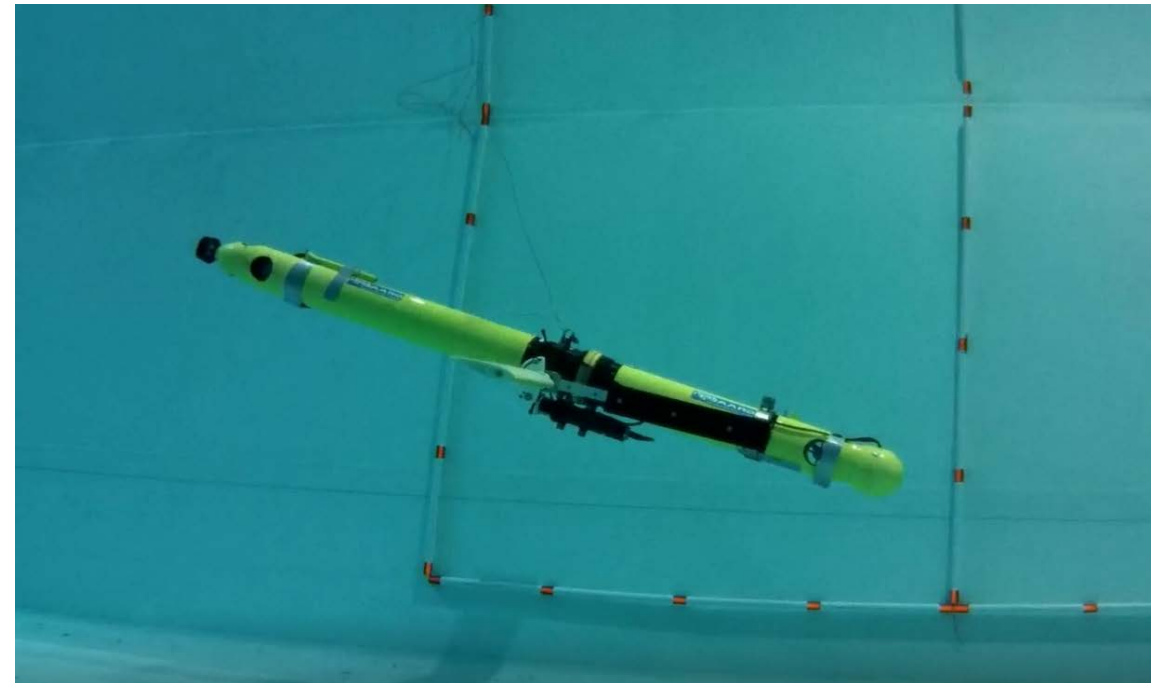
*Long endurance vehicle for passive acoustic monitoring (PAM)*

*A vehicle able to navigate like glider in underwater or wave propelled when in surface.*

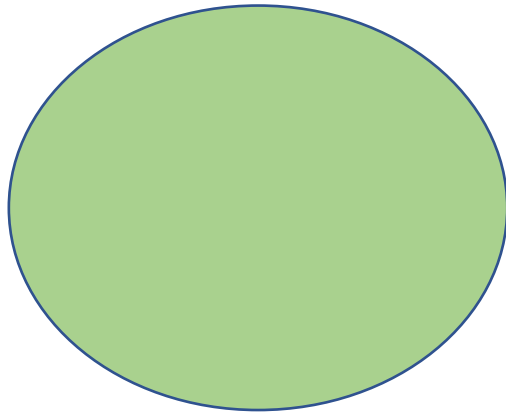




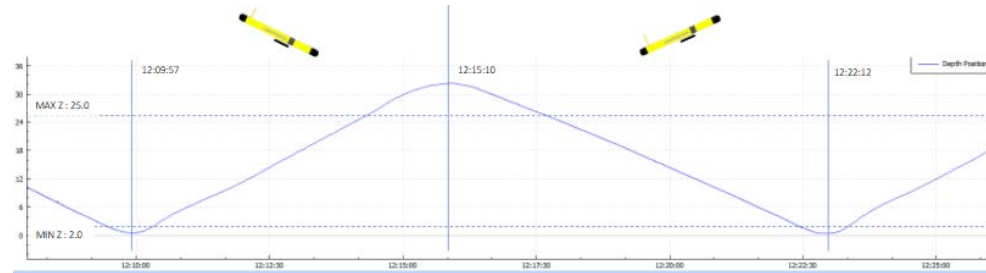
*Preliminary test in the POOL*



## Goal of the missione



*Start from safe area*



*Navigation in glider mode low consumption*

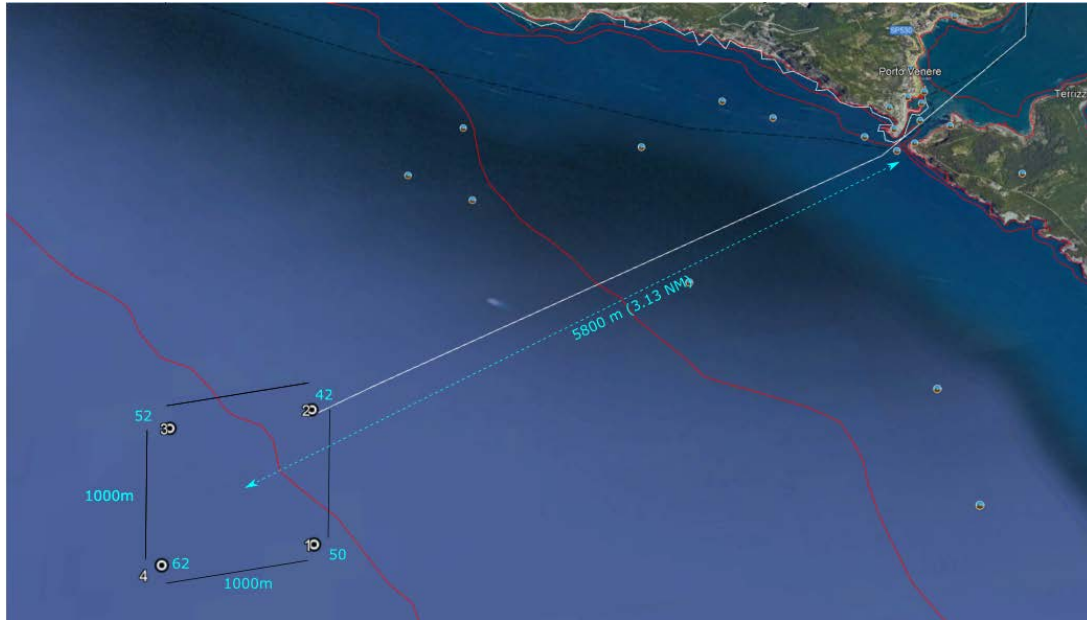
## Target are



*Acoustic passive monitoring*



## Sea trials AREA



## *Sea trials Test*



*Vehicle in gliding configuration*



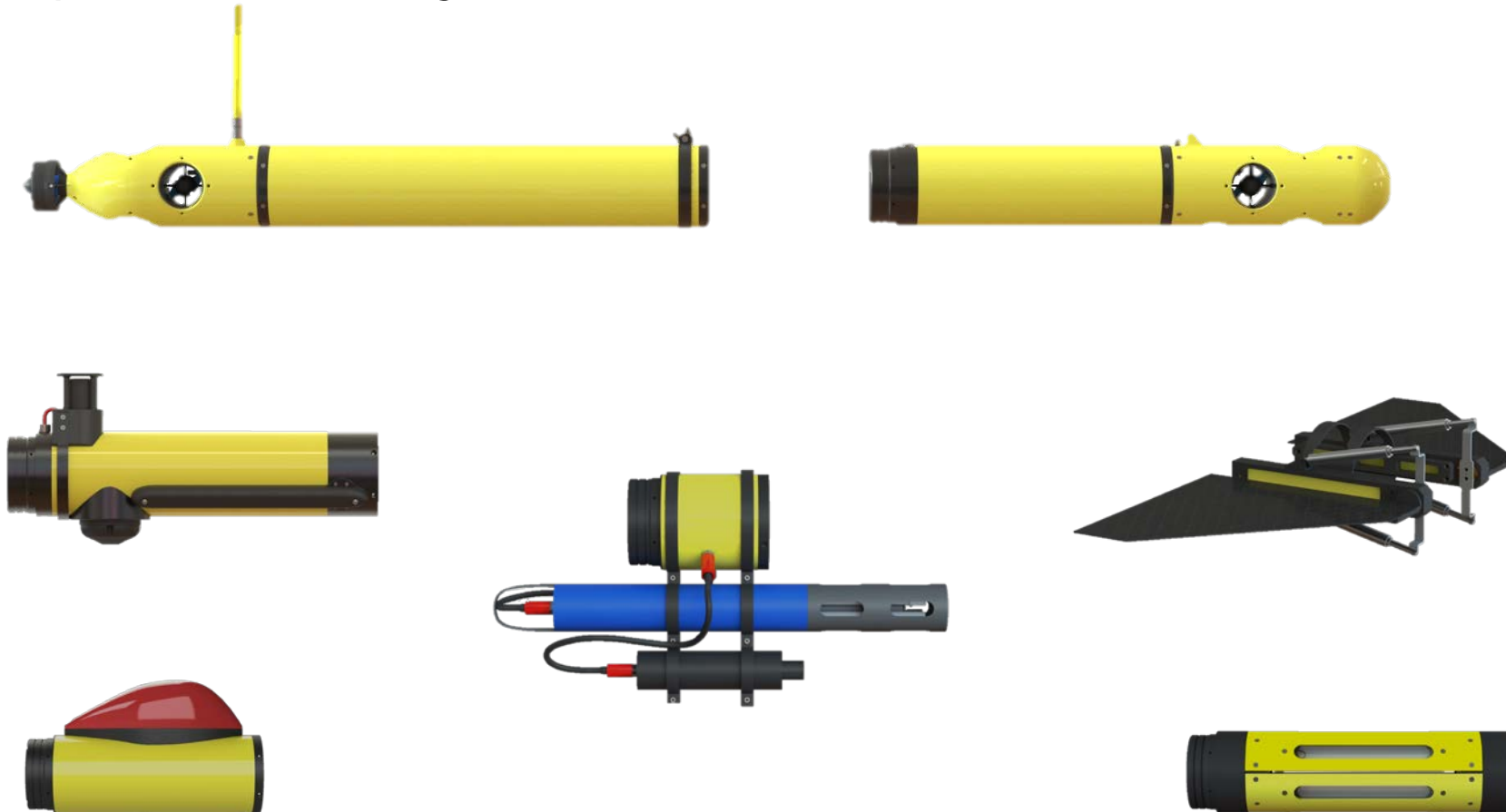
*Control Station*

## *Vehicle deployment*

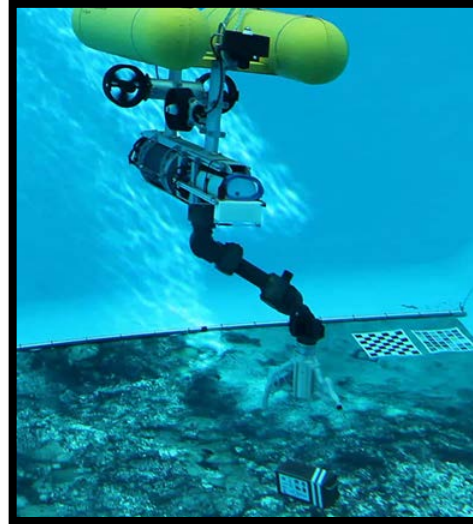
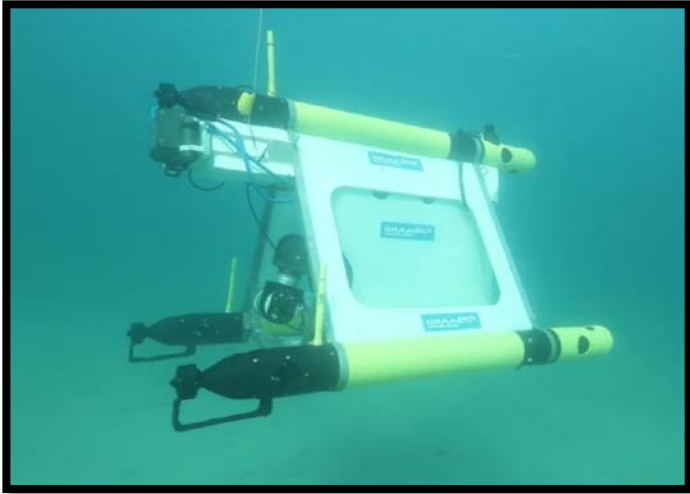




*Not only acoustic passive monitoring*



*Robotic for intervention*



*monitoring*



*Swarm of vehicles*



*Offshore activities*