

The Italian Navy perspective for upcoming submarines

- COMBINED NAVAL EVENT -Farnborough 22th May 2024

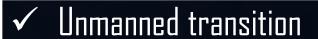


Commander Stefano OLIVA

Submarine Research & Development Office at Italian Navy General Staff

Existential threats: what to do?





✓ Digital & transparent oceans

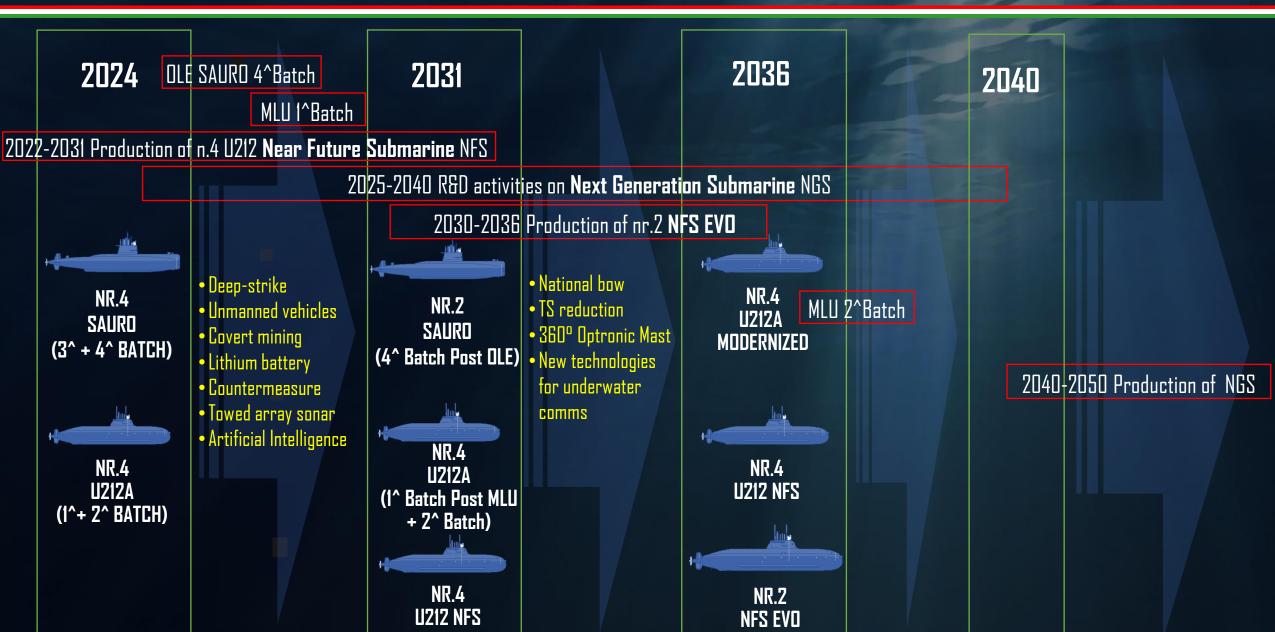




- ✓ Endurance & Persistence
- ✓ Covertness

Developments of ITA submarine fleet between 2024-2050





Sauro Class Operational Life Extension





Mid-Life Upgrade U212A 1[^] batch





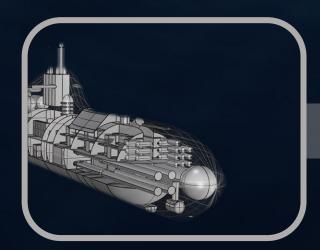
U212 Near Future Submarine NFS





Near Future Submarine Evolution NFS EVO





- Extending capabilities of U212 NFS
- Integration of more technologies resulting from R&D for NGS
- Full national submarine design

New Weapon Launching System





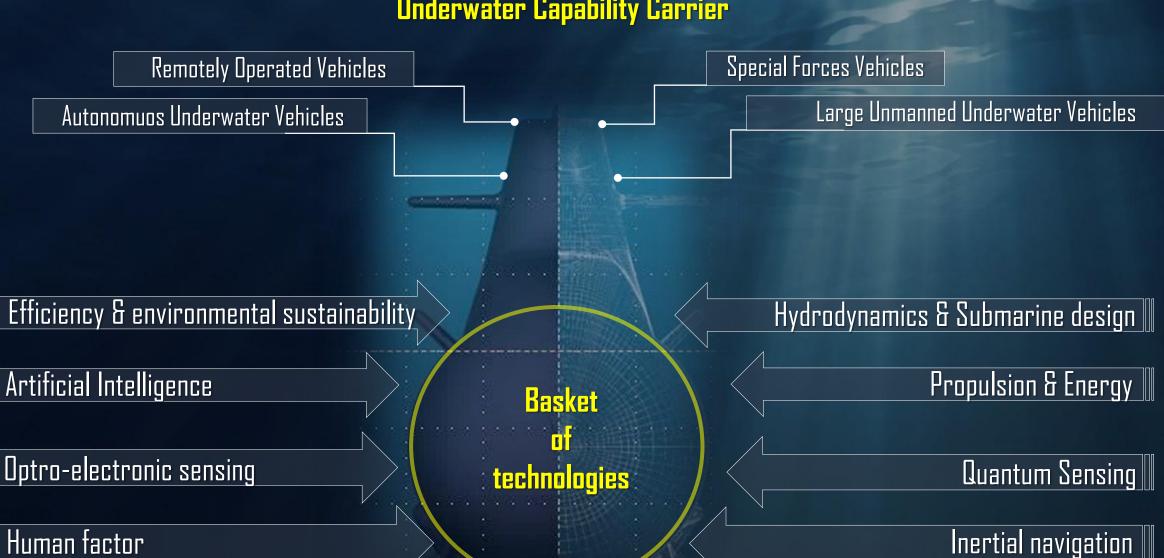




Next Generation Submarine NGS

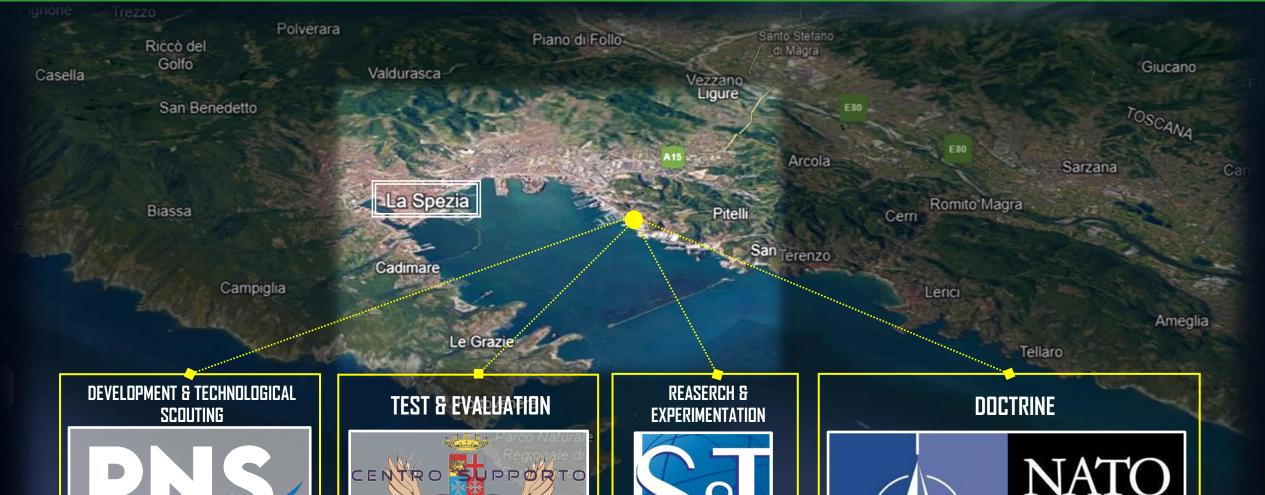






Innovation technology: national underwater ecosystem





POLO NAZIONALE DELLA DIMENSIONE SUBACQUEA

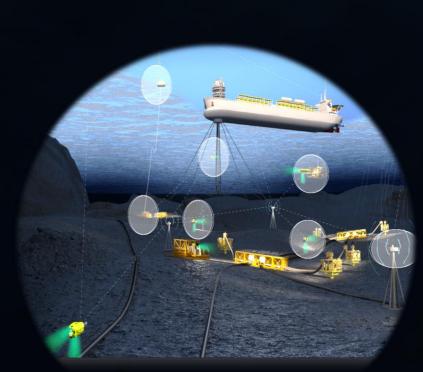






Conclusions





Technology acceleration and capability development



Civil-military cooperation renewal



Promotion of a new legal framework



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