

The background of the slide is a photograph of a sunset over a body of water. The sun is a bright, glowing orb on the horizon, with its light reflecting in a shimmering path down the water. The sky transitions from a deep blue at the top to a warm orange and yellow near the horizon. In the foreground on the left, the dark silhouette of a ship's gun turret is visible, extending horizontally across the frame. The overall mood is serene and professional.

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Content

- Background
- Organisation
- Work breakdown
- Working methods
- Deliverables
- Conclusion

Background

- Finnish Defence Forces IM Policy
- Defence industry ambitions
- Global tendency to IM

Organisation

Patria

Prime: **Patria**

Partners in cooperation:



Puolustusvoimien Teknillinen Tutkimuslaitos



=(FDF Technical Research Center)



FY-COMPOSITES

Kosti Nevala

June 2, 2009

Work Breakdown

- Projectile related technologies
- Charge related technologies
- AEC's (Army Engineering Charges)
- Logistic issues

→ 10 Working groups

Working methods

- Literature searches
- MSIAC technical questions
- Databases
- RFI's
- Visits
- Modelling
- THA, CBAM, SAS
- Testing

System engineering approach

Deliverables

- IM state of the art summary report (Jan. 2008)
- Lifecycle issues with IM & opportunities to cooperation (Jun. 2008)
- In-depth analysis of IM status of 120mm mortar, 155mm artillery, 30mm MP-T ammo and AP mine replacements (Nov. 2008)
- Final report (Jun. 2009)

Conclusion

- Unique project organisation
 - Lessons learned
- Groundwork, no development project
- Potential IM-solutions for specified products
- IM-technology gaps identified
- Opportunities for cooperation identified
- Existing IM-situation (Finland, global) report

Thank you for your attention!

