

Border Control

Defence and TNO:
crossing borders for tomorrow's solutions



Introduction

Nowadays border control gains much national and international attention. Border control is strongly influenced by many social and technological developments. The aim of border control is broadened towards contributing to combating illegal immigration, frontier-running and human trafficking and preventing threats for the interior security, the public order, the public health and international relationships (combating terrorism). The Royal Marechaussee is confronted with the dilemma of mobility growth versus defending security interests. In this context the Royal Marechaussee wants to reconsider her current concept of border control and the underlying assumptions.

Objectives

The objective of the Royal Marechaussee is to implement a new concept for border control. The future border control should be more effective and efficient. Effectiveness hereby refers to the actual improvement in the safety of the Society of the Netherlands by stopping illegal foreigners and potential terrorists. Efficiency hereby refers to checking only high-risk groups extensively and speeding up the process.

To support the Royal Marechaussee in reaching her objective the Royal Marechaussee and TNO have developed the research programme Border Control. The programme objective is to develop and verify an up-to-date set of instruments to test new operational concepts for border control on effectiveness and efficiency and to perform sensitivity analyses. This is done in close cooperation with the Royal Marechaussee. The ultimate objective is to support the Royal Marechaussee with the development of a vision, doctrine and policy on future border control and to support her in acquiring systems to carry out future border control.

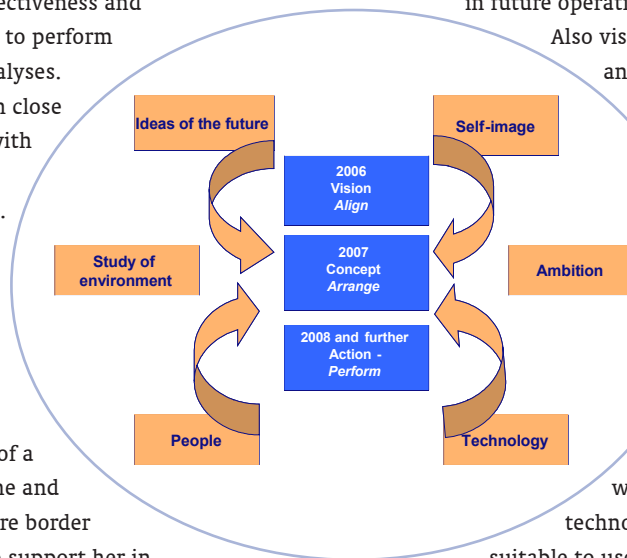
Programme of work

The programme aims to survey border

control from a broad and integral perspective. Through discussions with (inter)national stakeholders ideas of the future of border control will be explored and future developments and trends of illegal immigration, frontier-running and human trafficking are studied. These activities result in future operational scenarios.

Also visions, ambitions and ideas of the future from the Dutch government will be explored. Another line of approach is executing a technology watch: which technologies are suitable to use and supply

surplus value to the process of border control. The last area of research is the human factor: in which way can the human factor optimally contribute to the desired capabilities.



All these activities result in the settlement of goals for border control and the development of a desired concept of border control. Besides these results also methodologies will be developed to evaluate the effects of the new concept of border control and a field experiment with identification techniques will be executed.

Application

The instruments developed within the programme contribute direct to the realization and review of the new

operational concept for border control for the Royal Marechaussee, which will be implemented from 2008. With the knowledge built up within this programme the Royal Marechaussee is able to realize action points resulting from her 'Policy Plan 2010'. Besides this the Royal Marechaussee is able to structurally consider and decide in connection with the future of border control and start up actual materiel projects, introduction of biometry and working-out ICT-developments.

TNO Defence, Security and Safety

TNO Defence, Security and Safety provides innovative contributions to the advance of comprehensive security and is a strategic partner of the Dutch Ministry of Defence to build up the defence knowledge-base. We employ our acquired knowledge for and together with contractors.

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Programme
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