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FOUNDATION
for CIVIL ENGINEERING DEVELOPMENT

International
Seminar

GAMBIT
2008

Integrated System of Transport Safety

Research Project Commissioned by Ministry
of Science PBZ 7/2/2006

Prof. Ryszard Krystek

Gdansk University
of Technology





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Mission

**Is to integrate efforts designed to build
a consistent, thoroughly researched and
legally binding system of transport safety
rather than an ad hoc response
when a disaster occurs**



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Scientific Consortium

- **Gdańsk University of Technology** - main contractor – road transport - Prof. Ryszard Krystek
- **Silesian University of Technology** - rail transport - Prof. Marek Sitarz
- **Air Force Institute of Technology in Warsaw** air transport – Prof. Józef Żurek
- **Maritime Academy in Szczecin** water transport - Prof. Stanisław Gucma



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HISTORY OF THE INTEGRATION PROCESS IN POLAND

- 1991 – The highest level of road risk in Poland
- 1992 – World Bank's report on road safety in Poland
- 1993 – Creation of National Road Safety Council
- 1994 –1996 – Integrated Road Safety Programme
GAMBIT'96 – precursor of **Integrated System of Transport System**
- 2003 – Road Safety in Framework Research Programme in Poland
- 2004 – Transportation Committee of Science commissions the ISTS Project at the Ministry of Science



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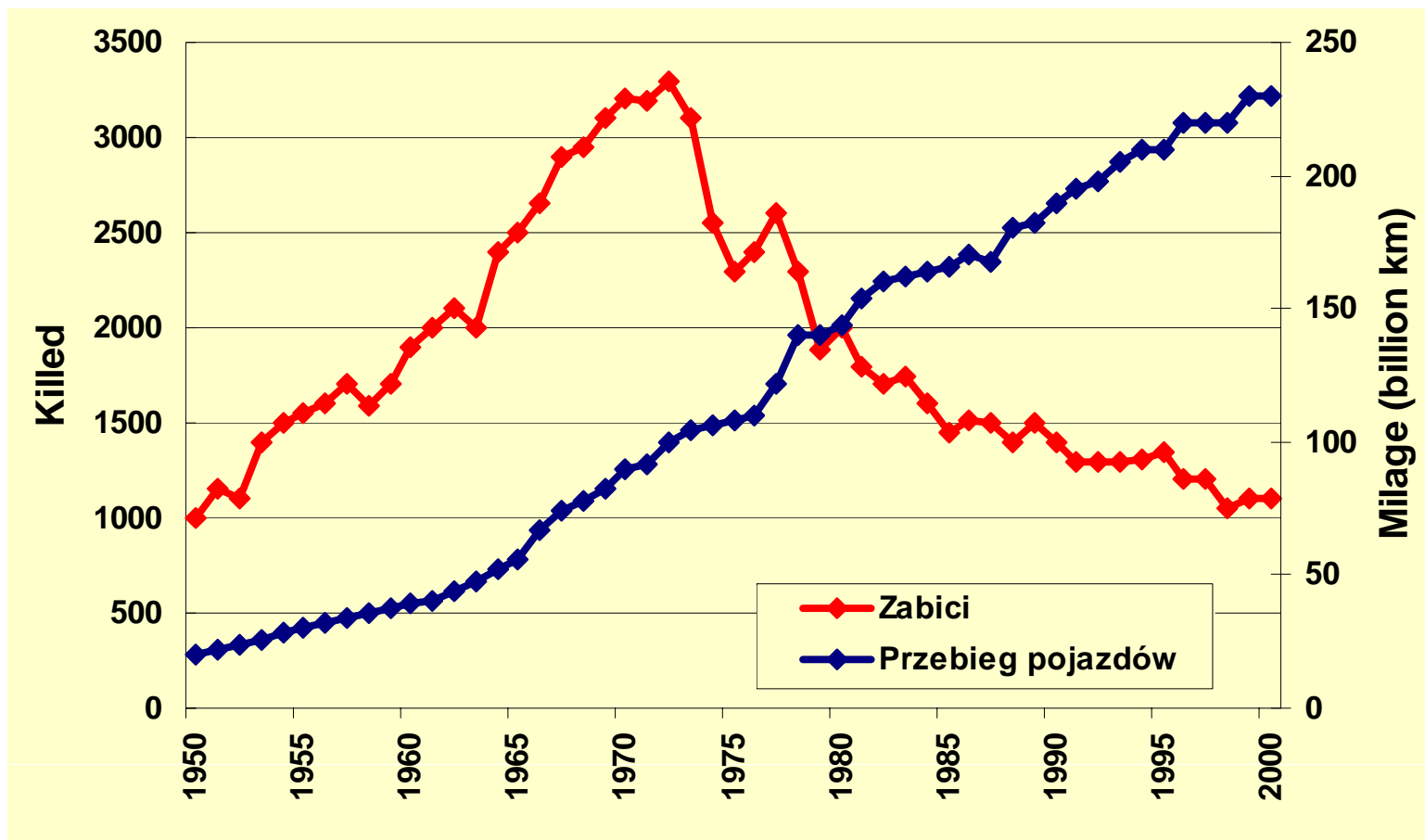
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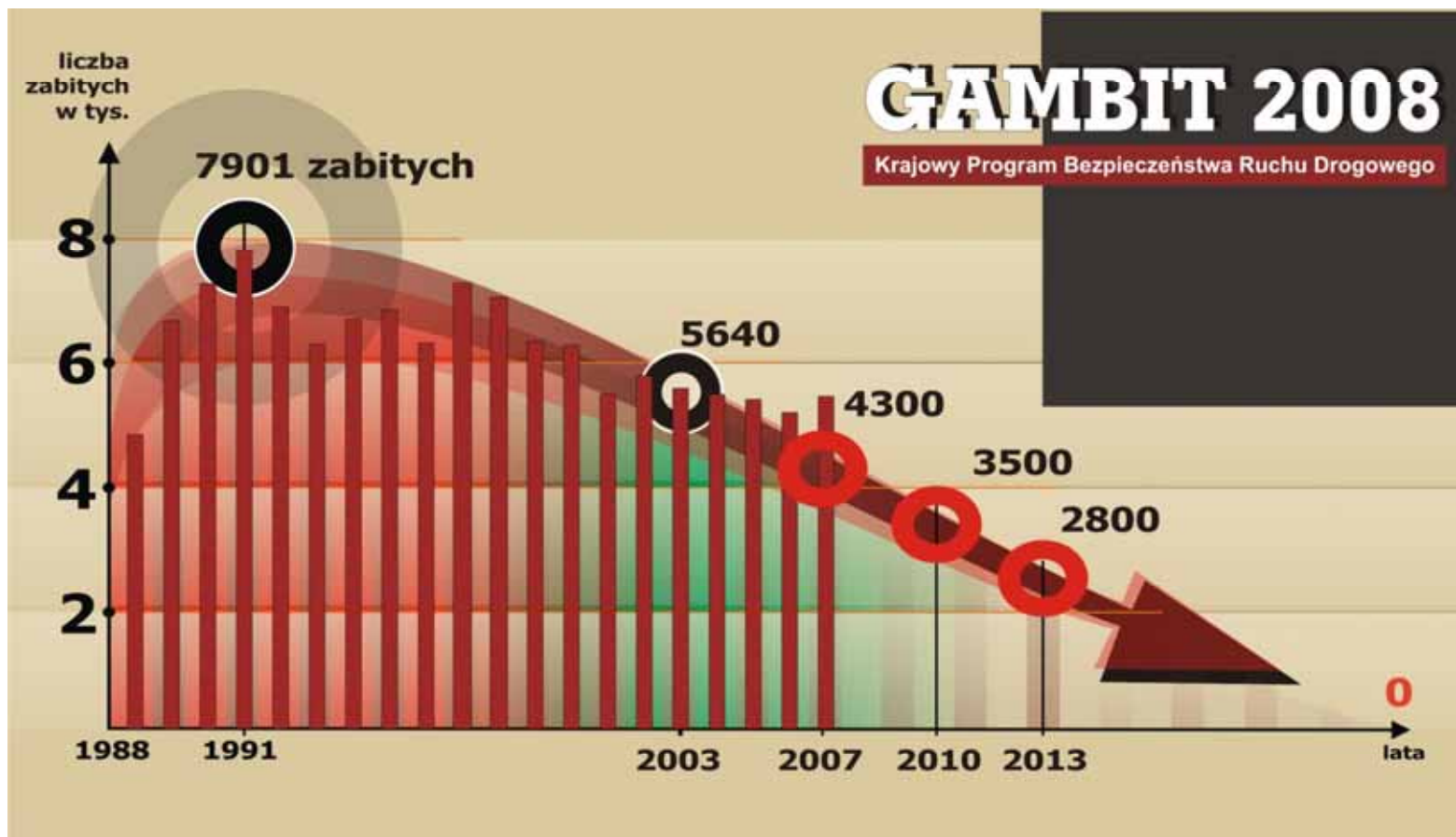
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HISTORY OF ZEUS PROJECT ZEUS

- 9 May 2005 – Tender for ISTS Project
- 15 May 2005 – Creation of Scientific Consortium
- 30 January 2007 – Minister of Science decision: The consortium – contractor of the project PBZ MEiN 07/02/2006
- 10 May 2007 – Minister of Science signed the contract – Gdańsk University of Technology
- 21-22 June 2007 – First Seminar of ZEUS Project
- 9 May 2010 – The end of the ZEUS Project

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Aim of the project

The main objective of the project is to build a model of an integrated system of transport safety that can be used by policymakers as a tool to make decisions to build and develop infrastructure and means of transport and by specialists implementing the decisions

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Beginning of the transport safety integration process

National Transportation Safety Board w USA

1966 - President Lyndon B. Johnson

1967 - Professor Haddon – creation of NTSB

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1975 - Barry M. Sweedler starts his work in NTSB

2005 - Peter van Vollenhoven creates Dutch Safety Board

2007 - Barry M. Sweedler starts his work in ZEUS

2008 - Peter van Vollenhoven – invitation of Minister of Infrastructure to give lectures in Poland



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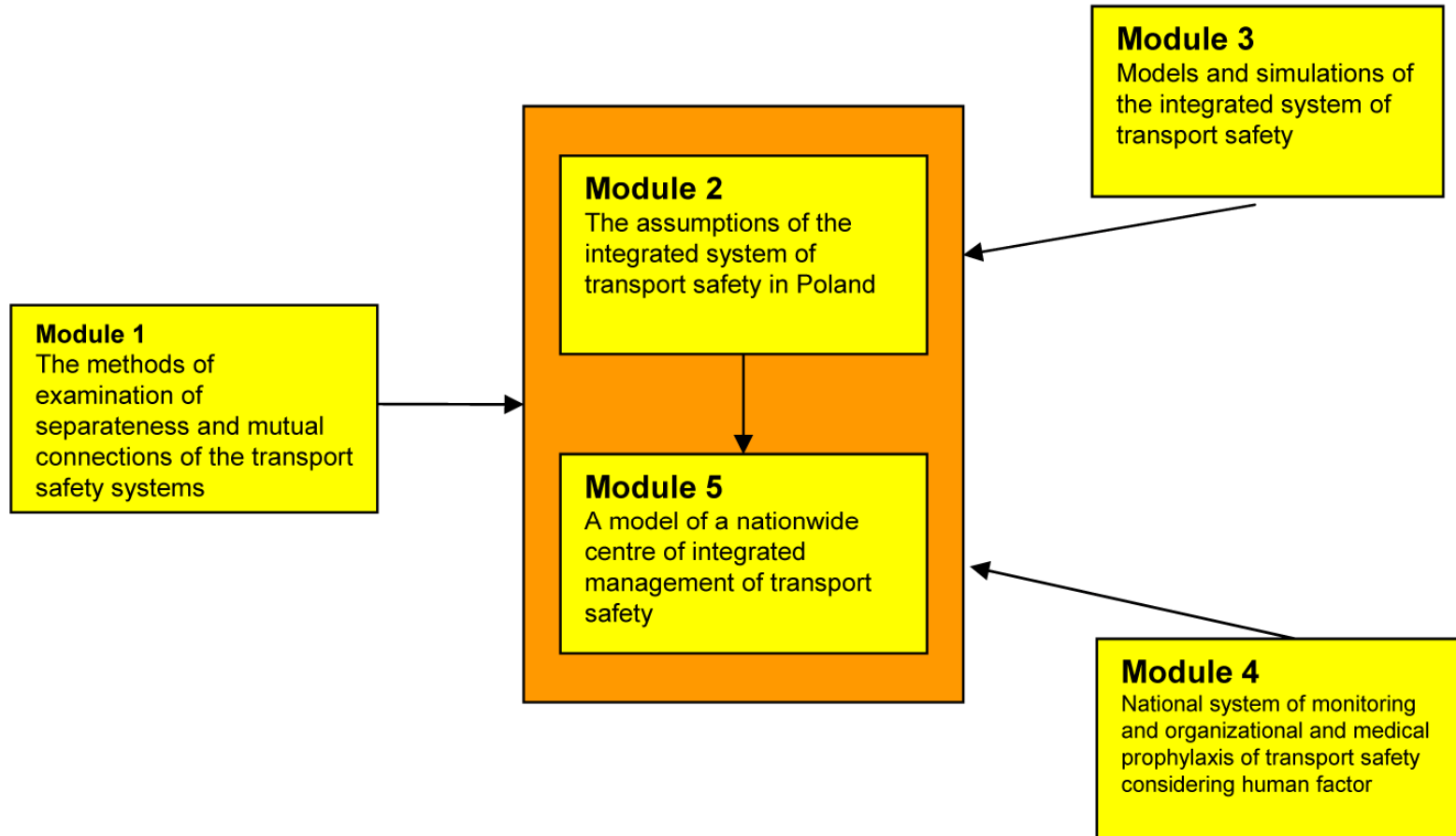


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Project Structure



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Final results of the project

- An operating system for decision-makers at any level ensuring quick and easy access to information from all sources,
- A tool for reducing the labour intensity of transport operations,
- A simplified information flow system which allocates information packages to the appropriate administrative positions,
- Greater reliability of information by excluding the human subjectivity factor in data processing,
- An automated effectiveness based training system for transport professionals.



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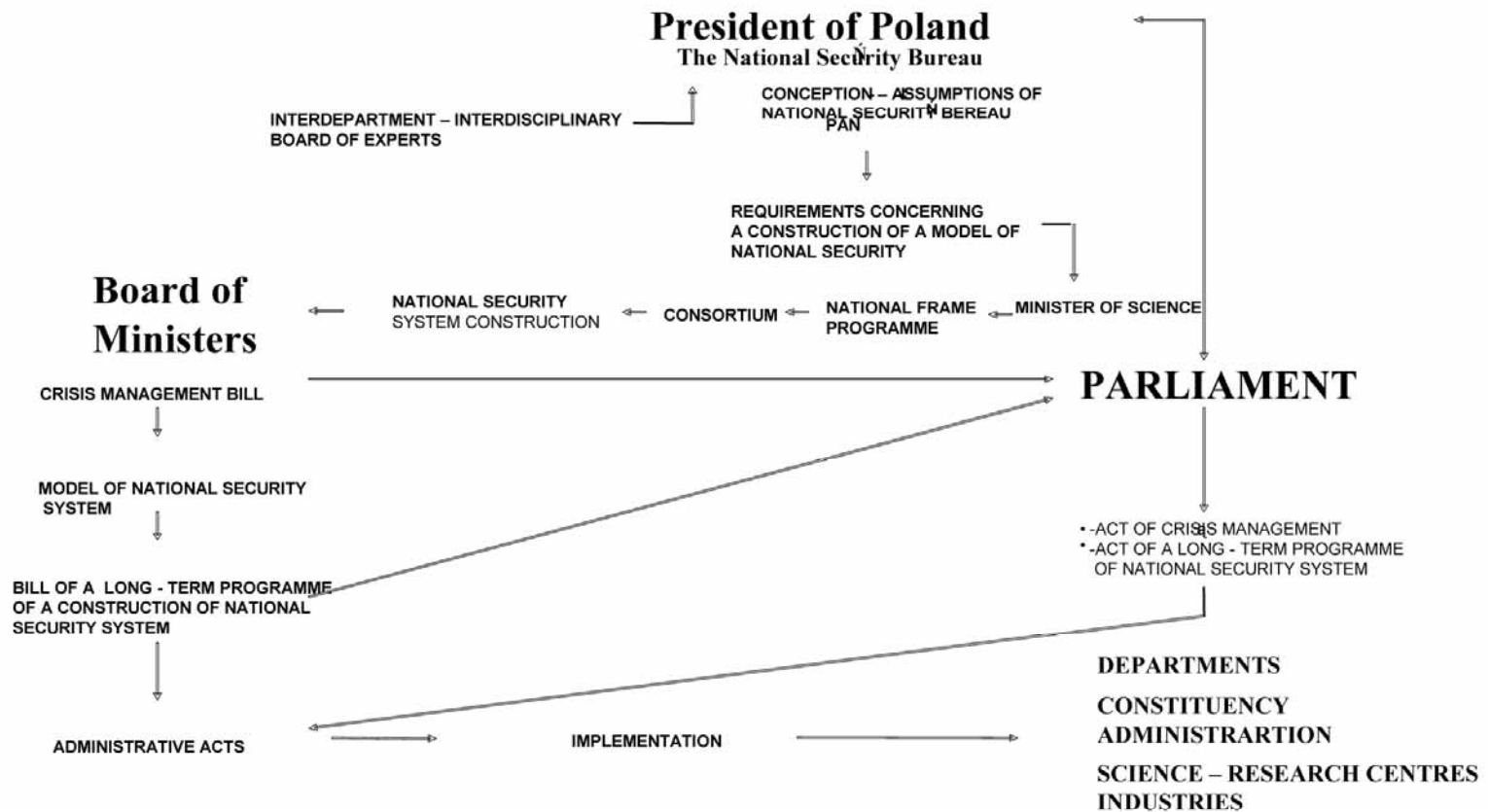
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**The Minister of Transport took an exclusive
patronage on our Project which means that
all units subjected to him
has his full approval
for co-operation in the frame
of ZEUS Project**

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Gambit Project Motto:

**„An accident is a funny thing. It is never there
until it happens”**

A.A.Milne, 1928



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Zeus Project Motto:

**„We all know very well that flying is dangerous
and that is why it is so safe”**

NTSB, 2005



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**Thank you
for your
attention**