



VM in Hungary

**2010 CSVA Conference: Economic Recovery
Montréal, Quebec – November 15-16, 2010
by Gabriella Gál, AVS**

DIRECTIONAL

Today's Presentation

Introduction

1 - VM's Past and Present in Hungary

2 - Case Studies

3 - VM's Future in Hungary

Conclusion

Introduction

Past&Present

Case Study

VM's Future

Conclusion

HUNGARY

Introduction

Past&Present

Case Study

VM's Future

Conclusion

Hungary



Known of:

- **22 CVS**
- **16 PVM**
- **over 1000 AVS**

- **11 Universities**

- **30 VM projects/year**

Introduction

Past&Present

Case Study

VM's Future

Conclusion

VE IN HUNGARY

Introduction

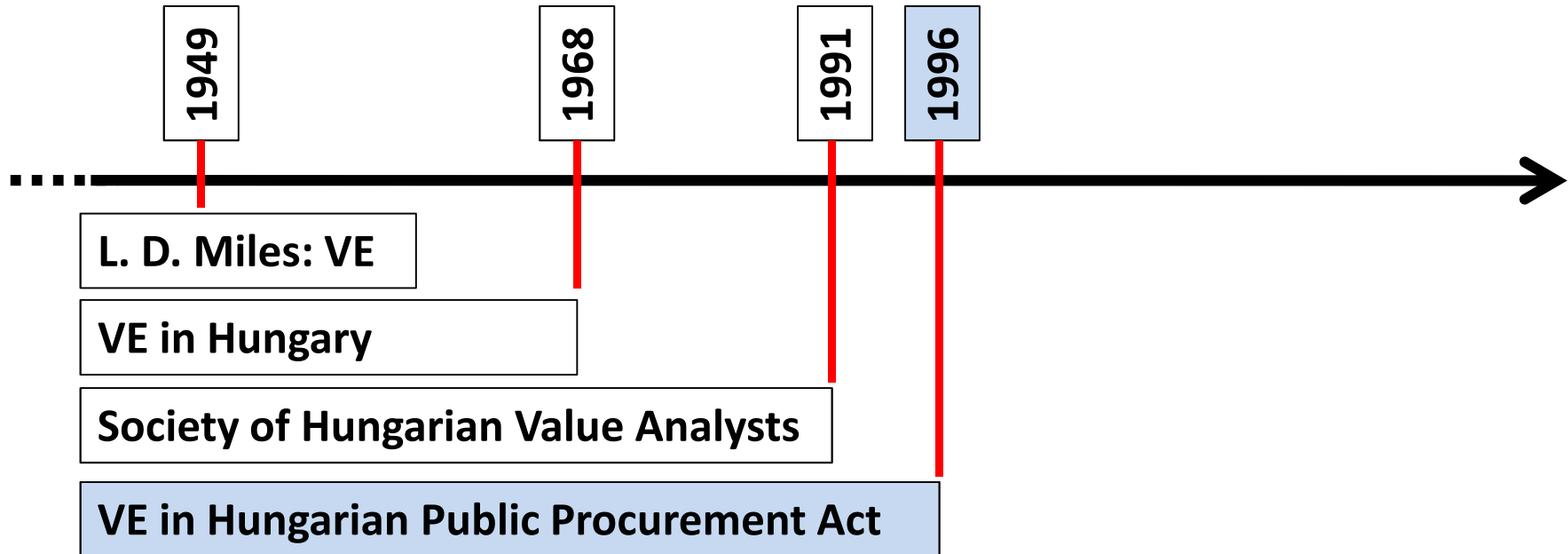
Past&Present

Case Study

VM's Future

Conclusion

VM & the Government



“The tender-owner might oblige the tenderer to utilize Value Engineering...”

Hungarian Public Procurement Act, 2003. CXXIX. 53. § (4)

Introduction

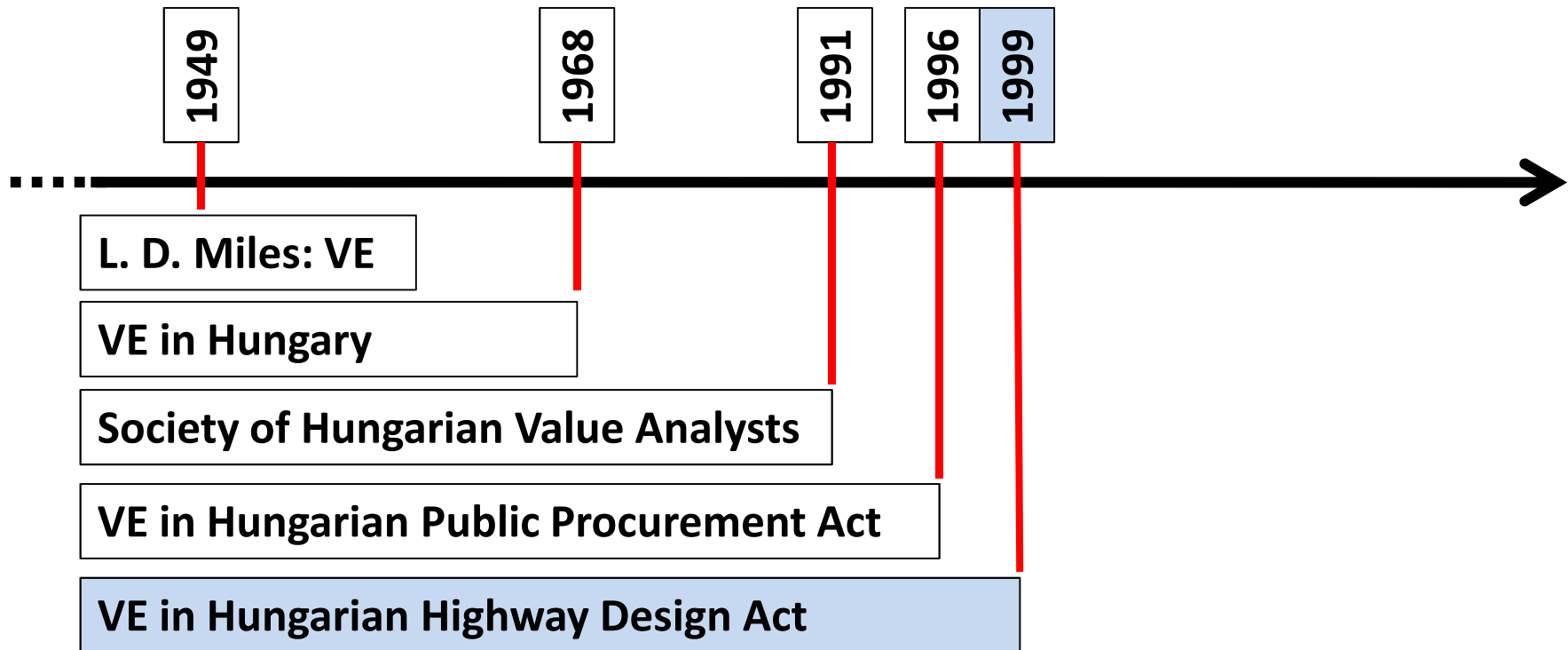
Past&Present

Case Study

VM's Future

Conclusion

VM & the Government



- 90 projects
- 468:1 ROI
- Average cost effectiveness: 13%

Introduction

Past&Present

Case Study

VM's Future

Conclusion

Entities utilising VE

GOVERNMENT RELATED

- National Bank of Hungary
- Nuclear Power Plant
- Ministry of Social Affairs
- Transportation Agency
- National Development Agency
- Hospitals



PRIVATE SECTOR

- Telecommunication
- Construction
- Banks
- Pharmaceutical
- Many others



NON-PROFIT

- Autism
- Mentally Handicapped
- Blind People
- Hearing Impairment



Introduction

Past&Present

Case Study

VM's Future

Conclusion

CASE STUDIES

Social Focus

Process

Design & Construction

Introduction

Past&Present

Case Study

VM's Future

Conclusion

National Strategy of Supporting Autistic People

Project Owner: **Ministry of Social and Labor Affairs**

Project Subject: **Institute Development Conception 2008-2013**

BEFORE

Focus on supporting the autistic children



AFTER

Focus both on supporting the autistic children and adults



Introduction

Past&Present

Case Study

VM's Future

Conclusion

Gypsy Integration

Project Owner: **National Development Agency**

Project Subject: **Integrating the Gypsy population (7%) to the mainstream society**

BEFORE

- Last 12 years: \$ 840 Million spent
- 10% arrived to the target group (100 \$/person/yr)



AFTER

- Most impact: before the age of 5
- Avoiding segregation in the kindergarden



Introduction

Past&Present

Case Study

VM's Future

Conclusion

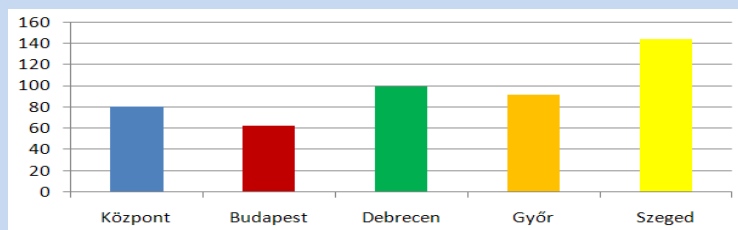
Credit Approval Review Process

Project Owner: (A Commercial Bank)

Project Subject: **SME and Corporate Credit Approval Process**

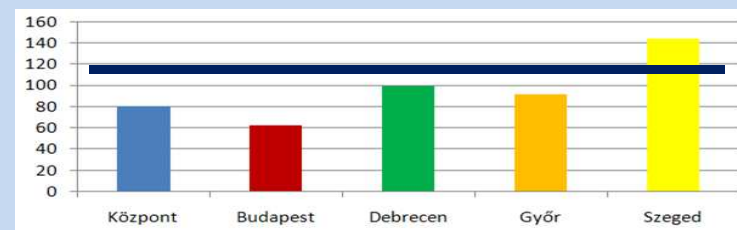
BEFORE

- SLA: max. 10 work days
- 9,4% over SLA, average: 4-5 days
- Regional processing
- Manual documentation



AFTER

- „1-channel” concept
- Capacity-optimzation
- Management Information System



Introduction

Past&Present

Case Study

VM's Future

Conclusion

Logistic Park Terminal

Project Owner: (A Logistics Park)

Project Subject: **Desig of a new warehouse**

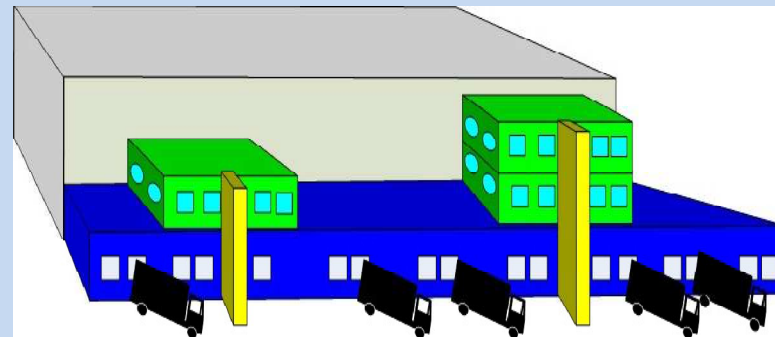
BEFORE

- Industry practice: no window
- Security reasons



AFTER

- Payback: in 14 months
- Fixed windows



Introduction

Past&Present

Case Study

VM's Future

Conclusion

Subway-design

Project Owner: **Subway Constructino Project Directory**
Project Subject: **Desig of the new subway-line, Phase 2**

BEFORE



AFTER

- Increased security
- CAPEX: half than the other version



Introduction

Past&Present

Case Study

VM's Future

Conclusion

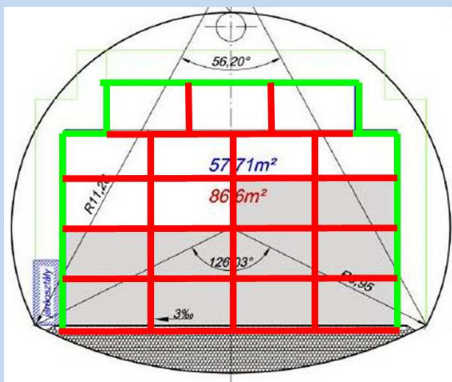
Radioactive Waste Storage

Project Owner: **Nuclear Power Plant of Paks**

Project Subject: **Low and Medium Level Waste Disposal**

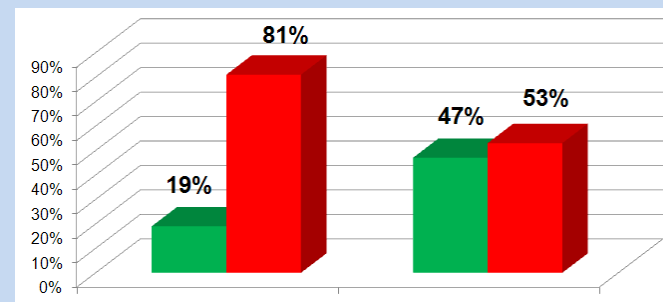
BEFORE

- Multiplied container walls
- Less space for storing waste



AFTER

- Non-negotiable high level of security
- Optimized storage-management



Introduction

Past&Present

Case Study

VM's Future

Conclusion

WHAT NEXT?

Introduction

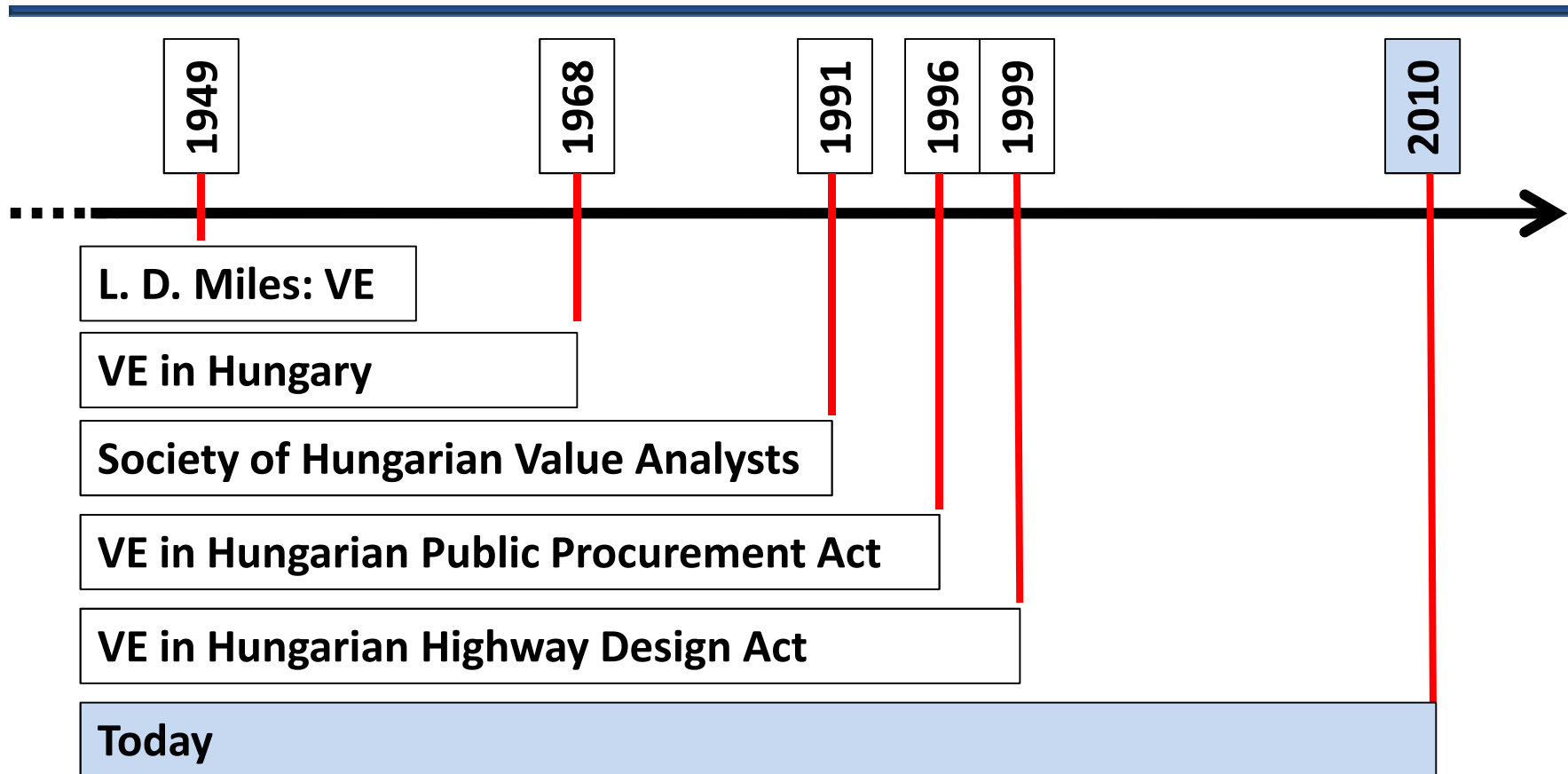
Past&Present

Case Study

VM's Future

Conclusion

VM's Future



Introduction

Past&Present

Case Study

VM's Future

Conclusion

THANK YOU

[*Köszönöm*]

-

QUESTIONS?