



# Workshop “Security of Mass Transportation”

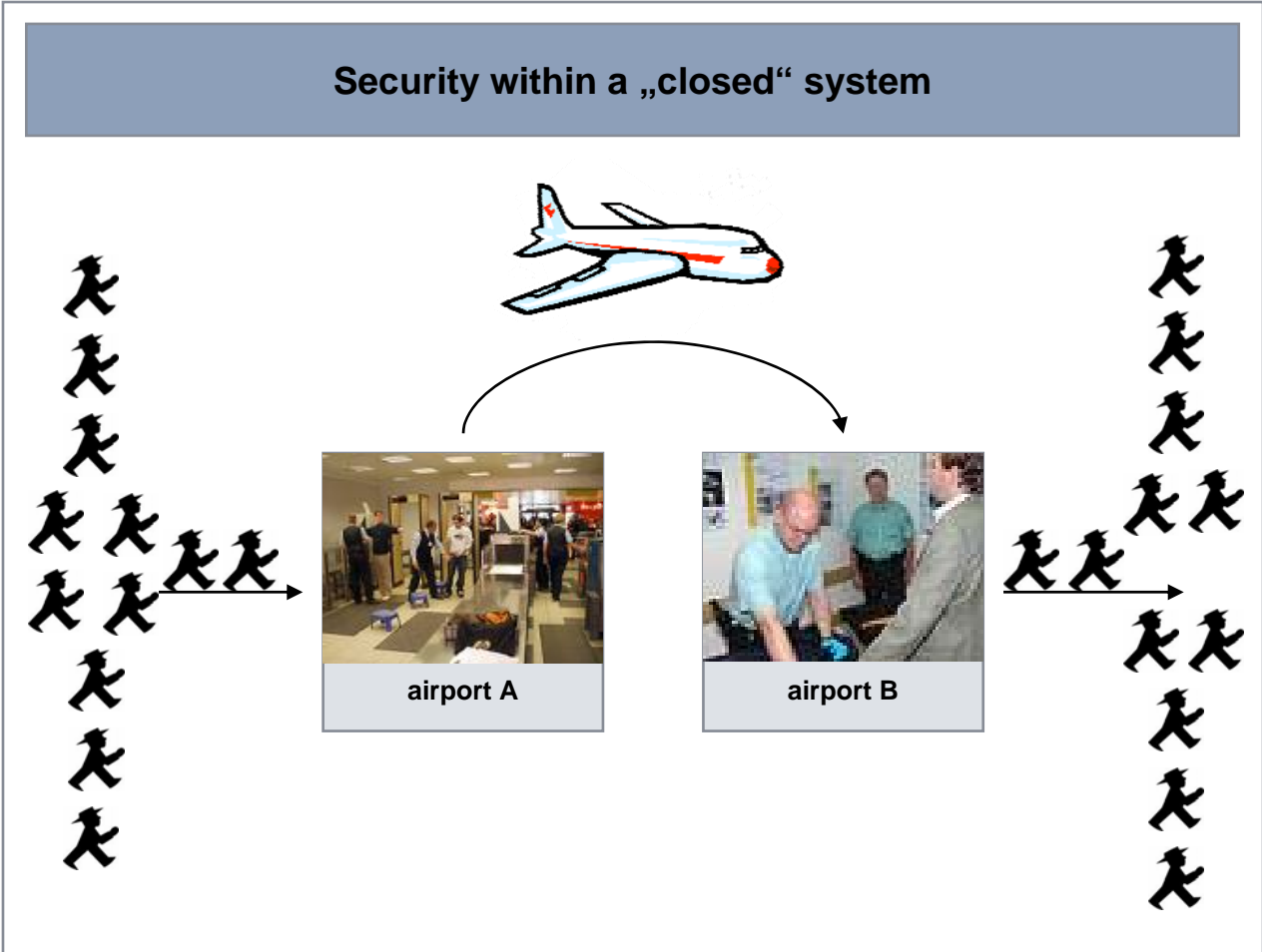
Deutsche Bahn AG

Jens Puls

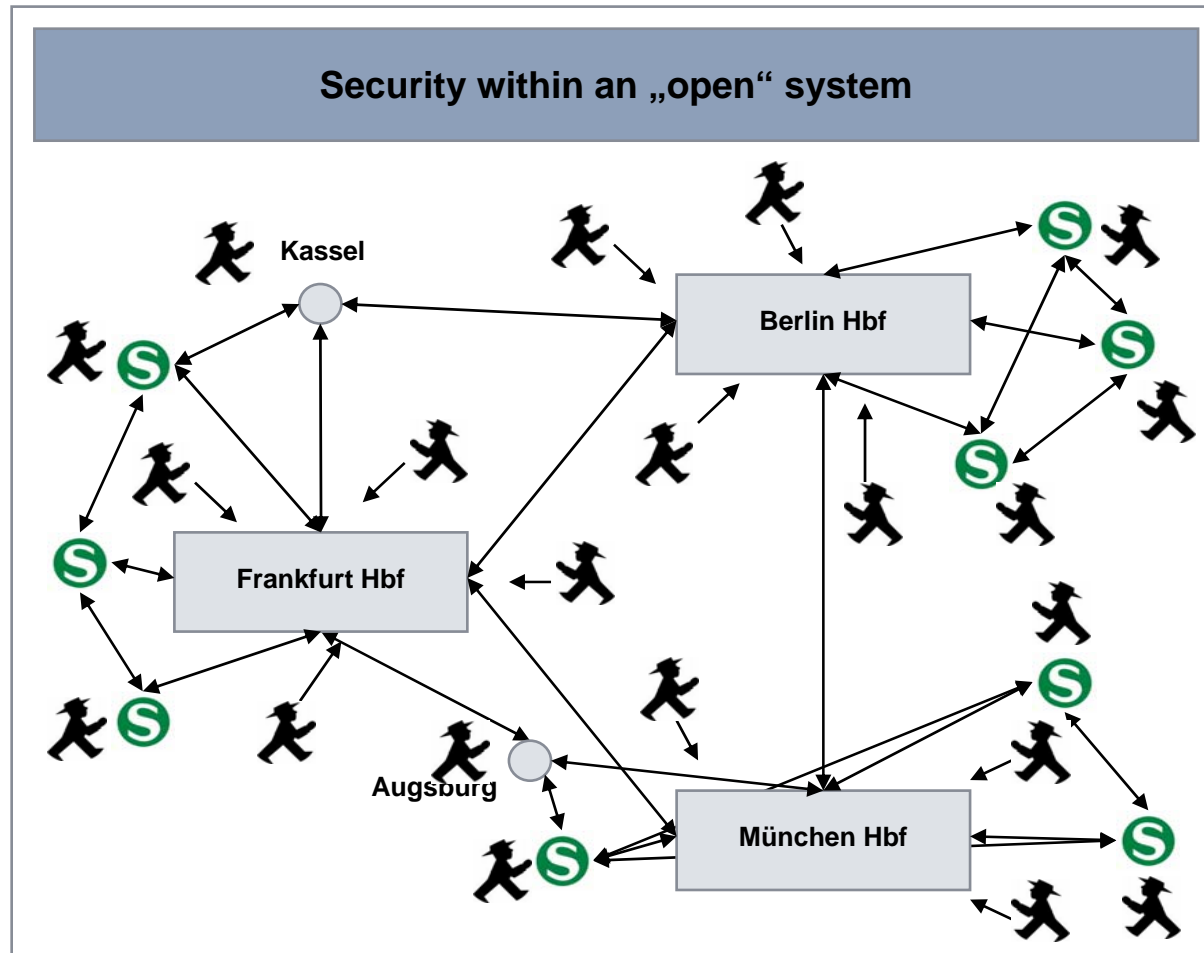
Chief Security Officer; President COLPOFER

Berlin, 18 March 2009

# „Why can't the public transport system provide the same level of security as, e.g. an airport?“

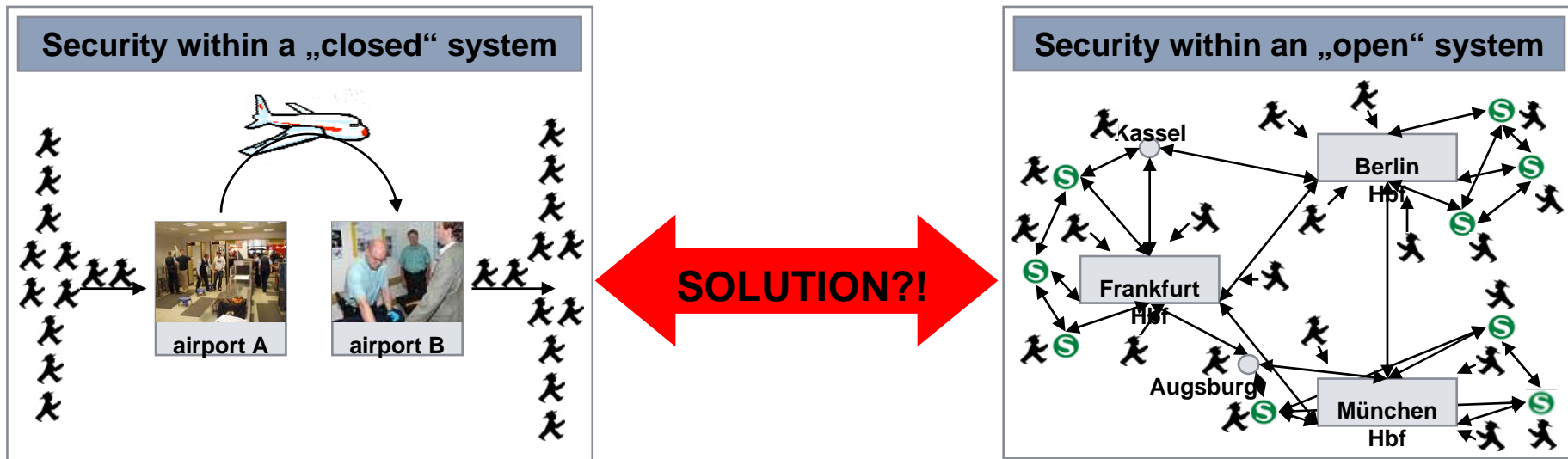


Because the conditions and requirements are of an entirely different nature.

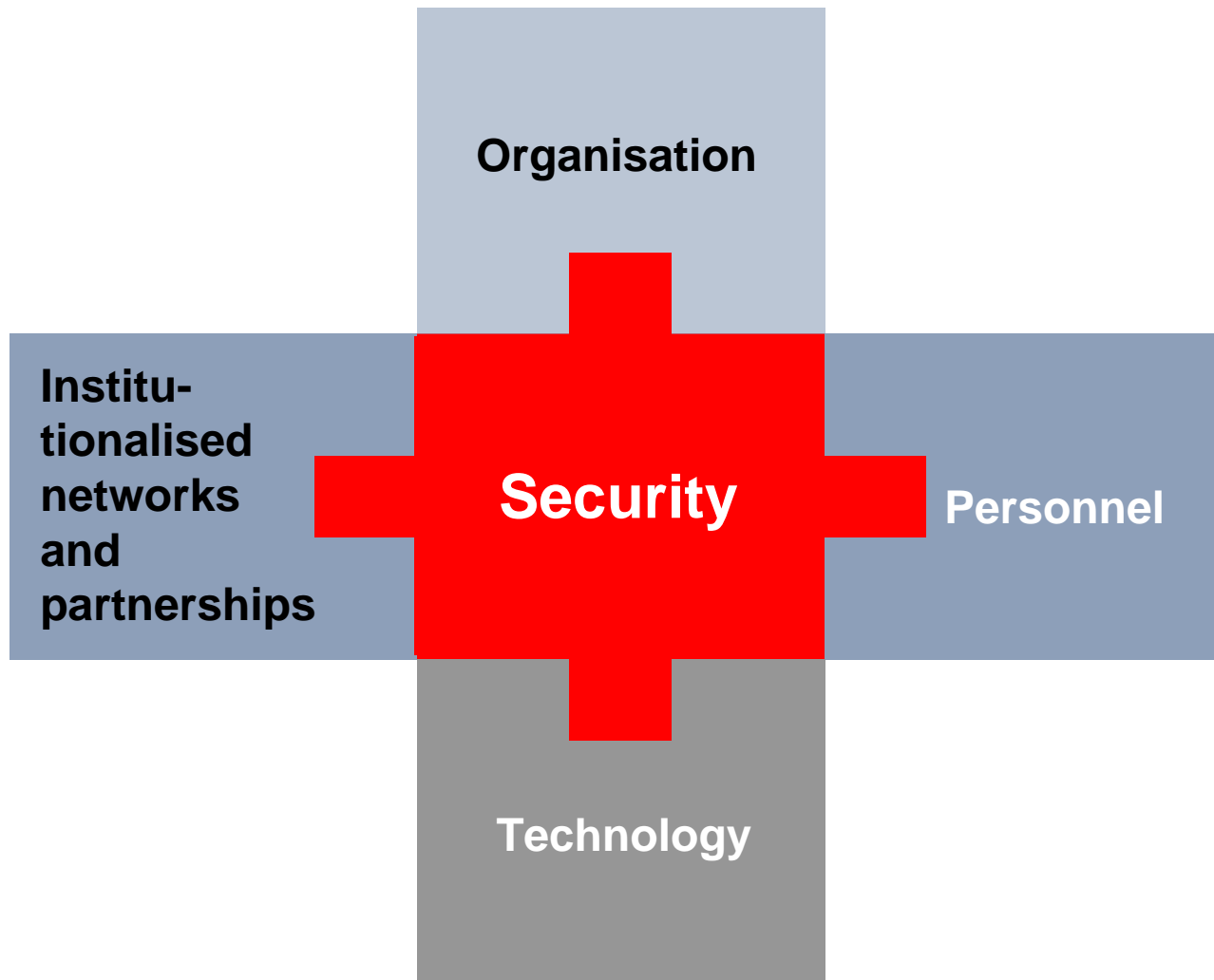


# The challenge is to increase the level of security within the „open“ system of public transport

Security systems should not hinder the public transport in fulfilling its main purpose: to provide an open and easily accessible system.



# Security requires a co-operation of organisation, personnel, technology and partnerships



- High objective level of security for our customers and employees
- Possibility to react to specific situations
- Protection of our freight goods
- Protection of vehicles, infrastructure, facilities and buildings
- Positive sense of security for our customers

# Co-operation on an international basis gets ever more important due to the overall internationalisation of business and transport



COLPOFER

**COLPOFER** is the European section of the UIC worldwide security organisation

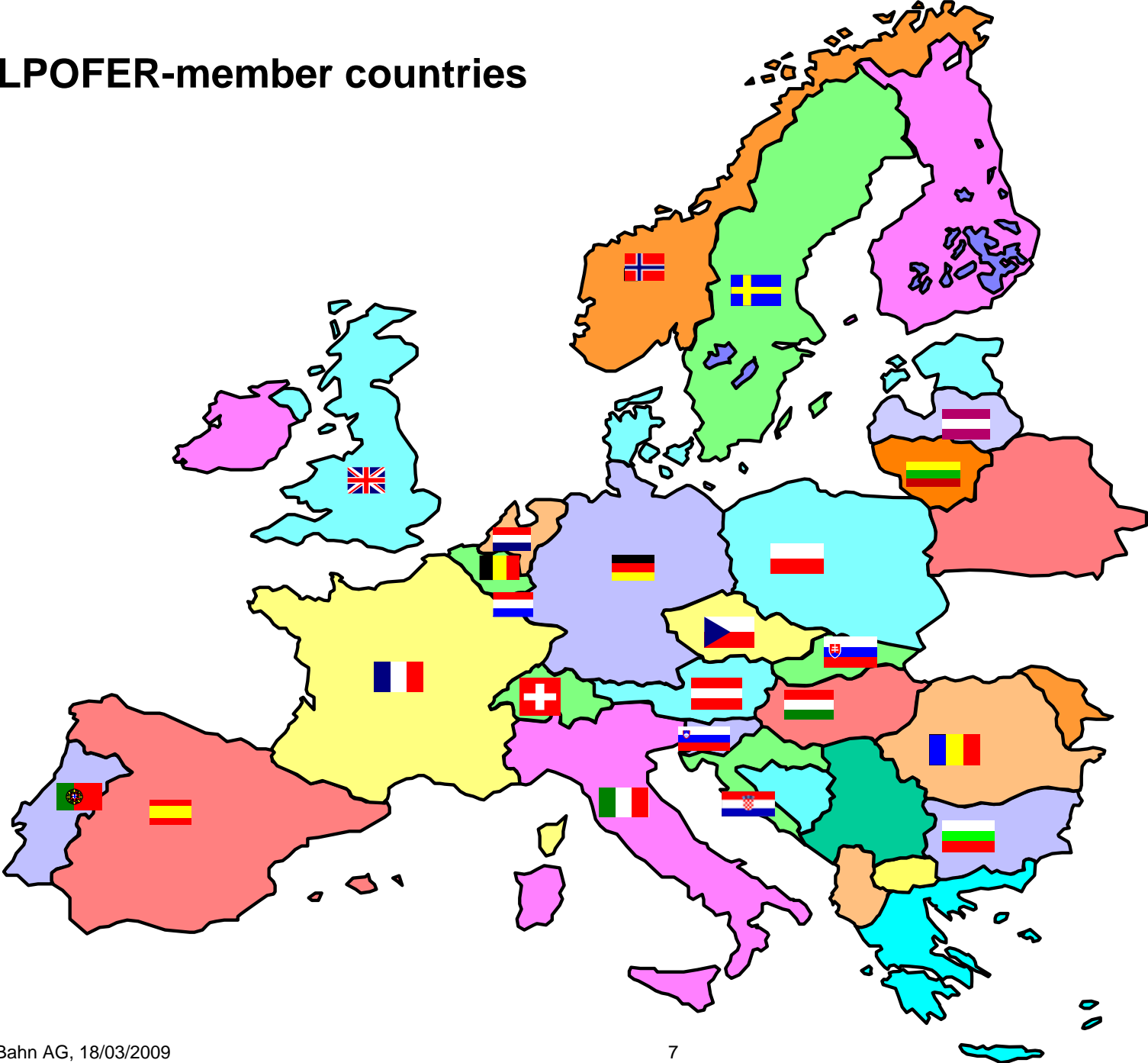
**Members** are railway companies, railway police forces, railway security services and other organisations which deal with railway security.

- development of strategies and methods for preventing and combating crime on railway premises
- exchange of experience and information at an operational level between railway police and railway security forces
- provision of recommendations to railway companies and police on improving the security of railway customers and staff
- recommendations to other bodies on all railway security matters

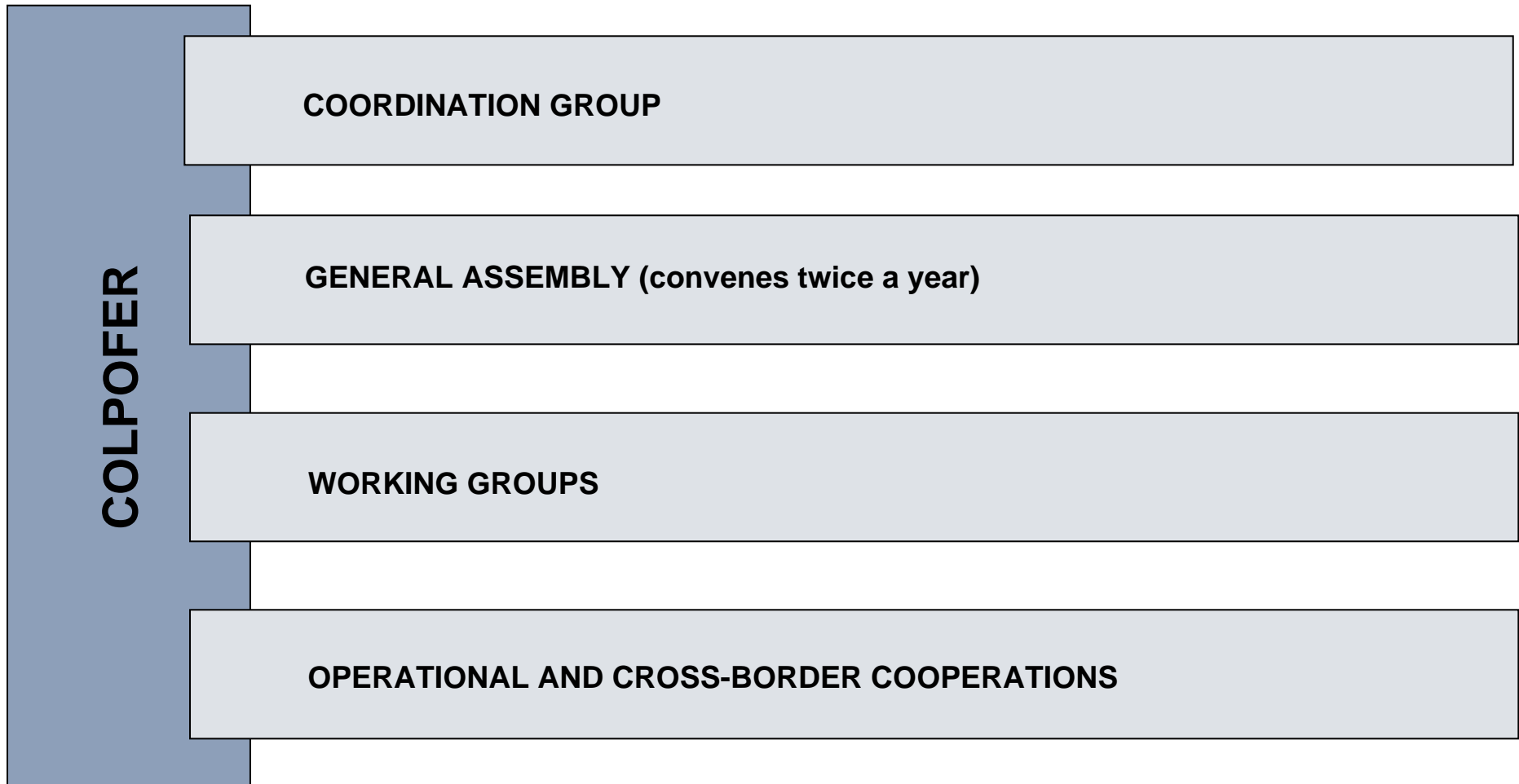
## Working Groups

- Ticket Fraud
- Security in International Freight Traffic
- Protection against Terrorist Attacks
- Collaboration on Major Events
- Protection against Metal Thefts
- Security on railways in South-East Europe (DACIA)
- Brenner Group

# COLPOFER-member countries



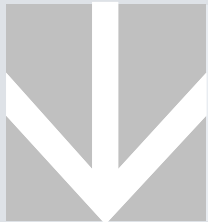
# COLPOFER - Working groups



# Railway systems as critical infrastructures will always be in the focus of prospective terrorist attacks

## Critical Infrastructure

means systems and assets, whether physical or virtual, so vital to the state that the incapacity or destruction of such systems and assets would have a debilitating impact on security, national economic security, national public health or safety, or any combination of those matters.



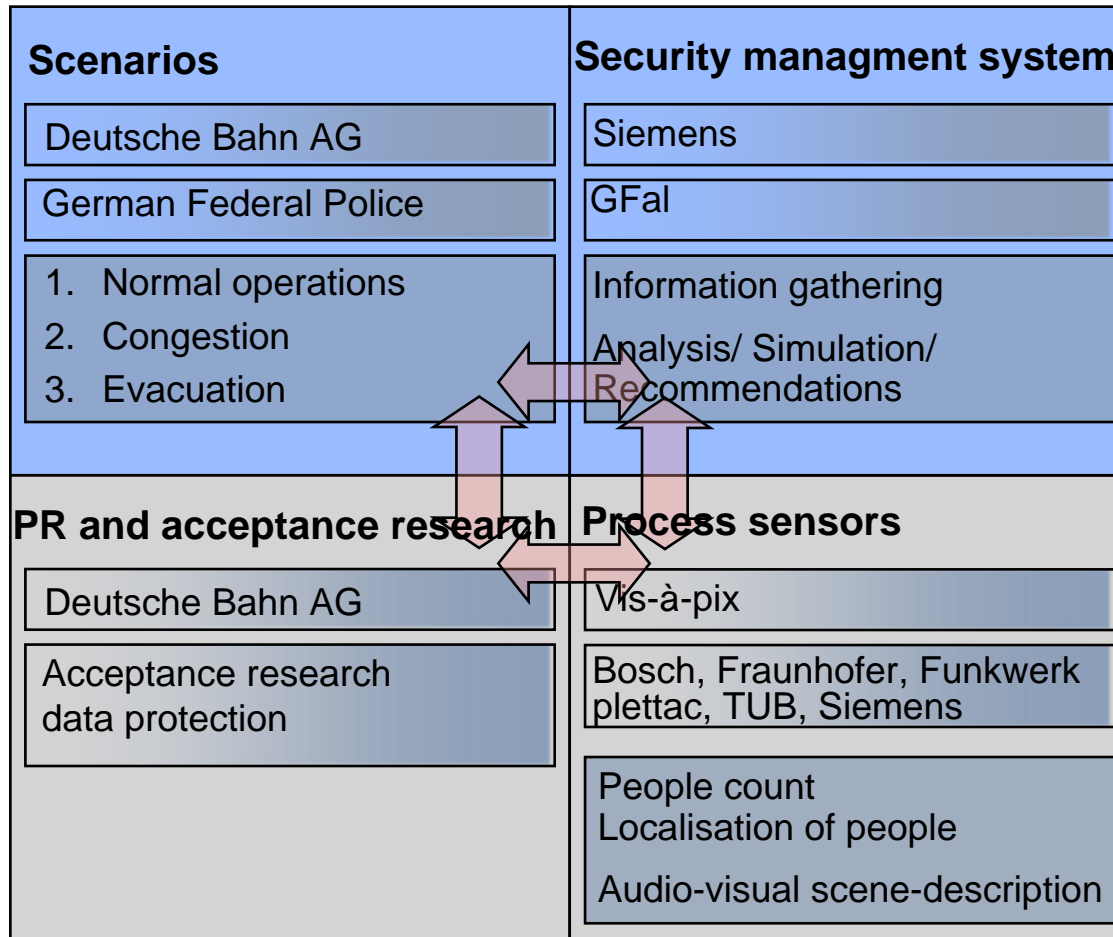
**Protection is necessary due to:**  
Terrorism, Sabotage, Information Warfare,  
Natural Disasters



**Continuous research into the field of security within the transport sector is needed, with the participation of all stakeholders, i.e. operators, security agencies, police and industry**

# Research project with federal funding - SinoVE „Security within the open railway transport system“

The job distribution within the consortium represents the competencies of all parties involved, from both science and industry, and thus ensures the success of the project



## Measures:

- Definition of scenarios
- Technical representation via simulation
- Integration of sensor data from live-operations
- Development of general data protection conditions

# Future research needs to be based on the four pillars of Security

S  
E  
C  
U  
R  
I  
T  
Y

## Organisation

- Analyzing security command and control needs during routine and emergencies for PTOs and IMs
- Control of road vehicle movements in or near public transport operational areas - access, parking, equipment, control systems

## Personnel

- Development of guidance on the role of public affairs/media management in security incident response management
- Training:
  - part and full time security staff
  - awareness training standards and kits for front line employees

## Technology

- Future station design for security, taking account of the evolving terrorist modus operandi
- Future rolling stock design for security

## Institutionalised networks and partnerships

- Development of a compendium of common security definitions to assist understanding and enable effective exchange and comparison of information and statistics
- Production of a series of detailed security guidance documents