



Safety Management System Systematic approach

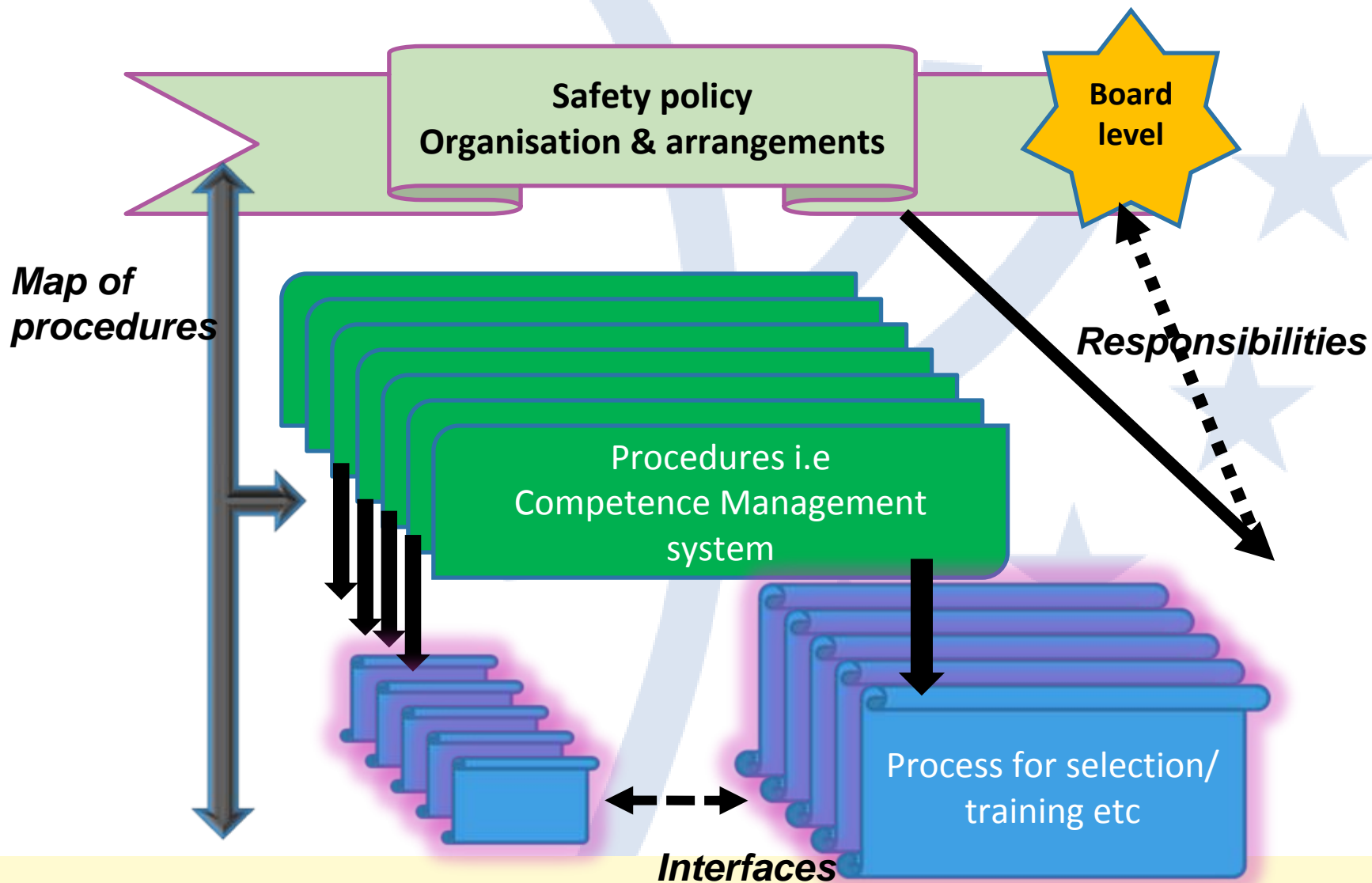
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Safety Certification



- **Explanation:**
 - Systematic approach to safety management systems
 - Elements of SMS
 - Rail system
 - Continuous improvement
- **Aim to demystify 😊**

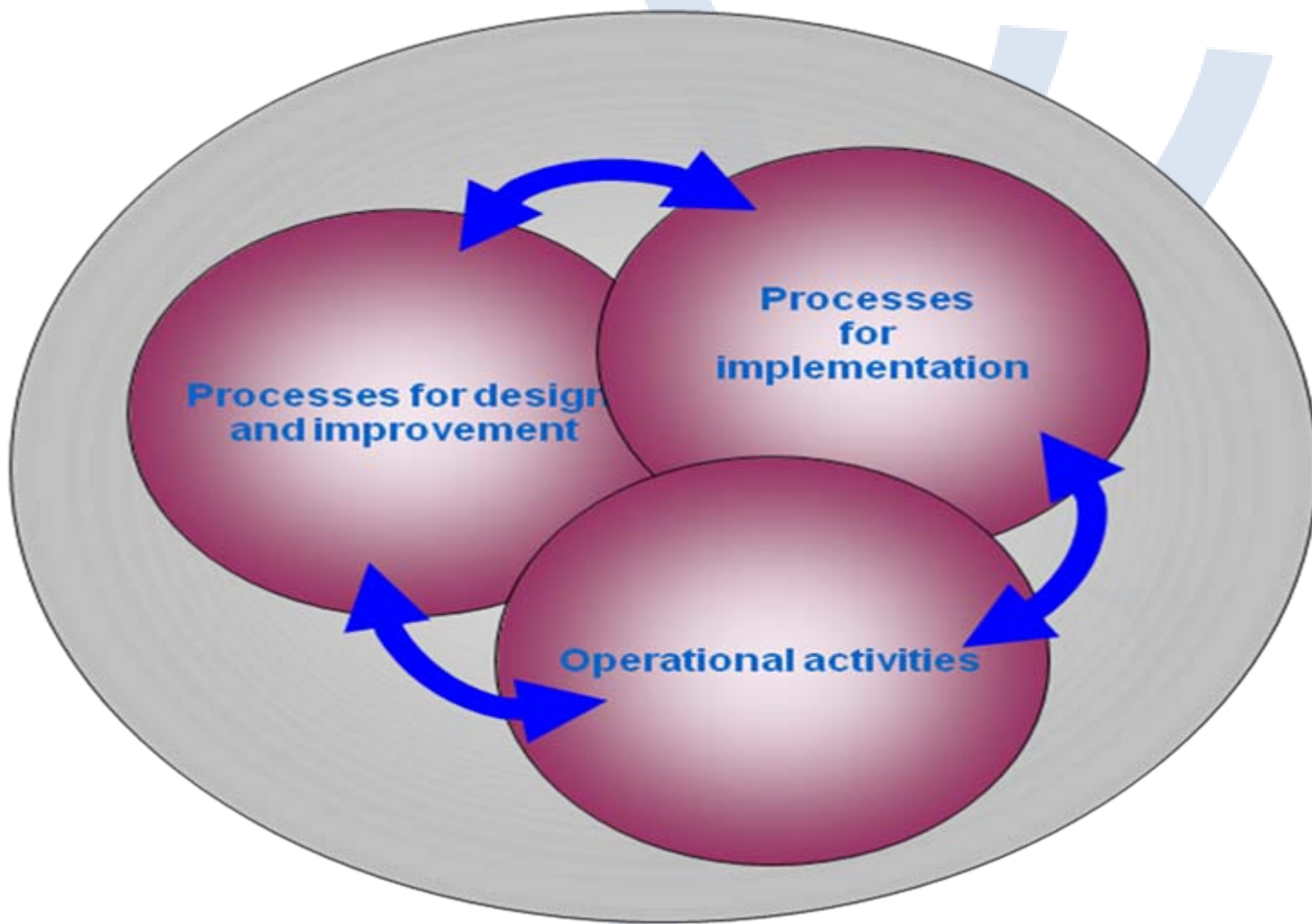


Systematic approach





Elements of a SMS





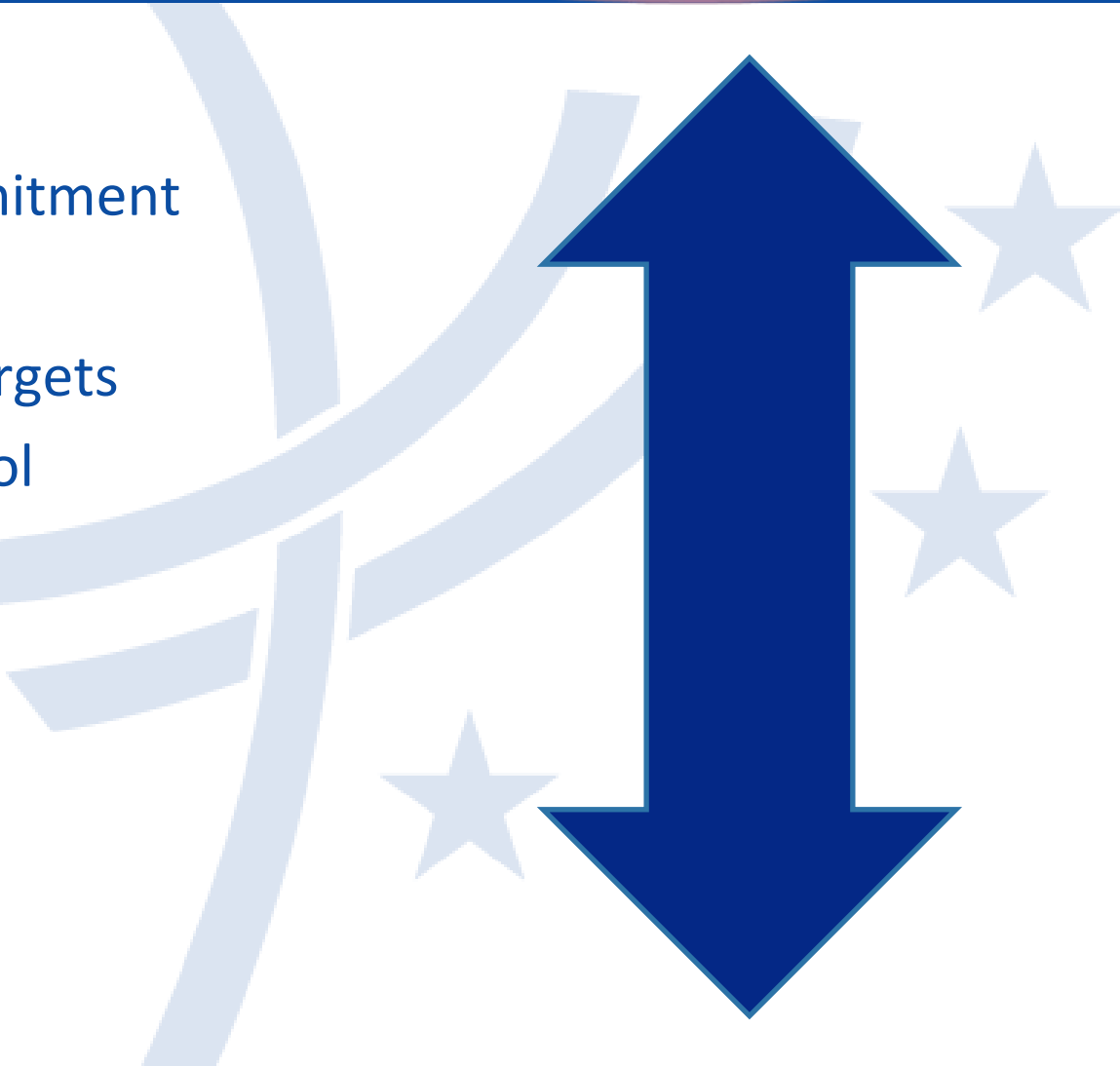
Process for design & improvement

- **Leadership**

- Management commitment
- Safety Policy
- Corporate Safety targets
- Management control

- **Risk assessment**

- Control of risks
- External risks
- Risk evaluation
- Compliance





Process for design & improvement

- **Monitoring**
 - Data collection & analysis
 - Accident investigation
 - Internal auditing
- **Organisational learning**
 - Continuous improvement
 - Safety recommendations
 - Change management





Processes for implementation

- **Structure & responsibility**

- Distribution of responsibilities
- Management accountability
- Organisational structure

- **Competence management System**

- Establish requirements
- Design
- Implement
- Maintain and develop
- Verify, audit & review





Processes for implementation

- **Safety information**
 - Configuration control
 - Involvement of staff and reps
 - Internal/external communication
- **Documentation**
 - SMS documentation
 - Document management
 - Annual Safety Report





Operational activities

- **Operational arrangements/procedures**

- Network rules
- Lifecycle compliance
- Asset management

- **Emergency plans**

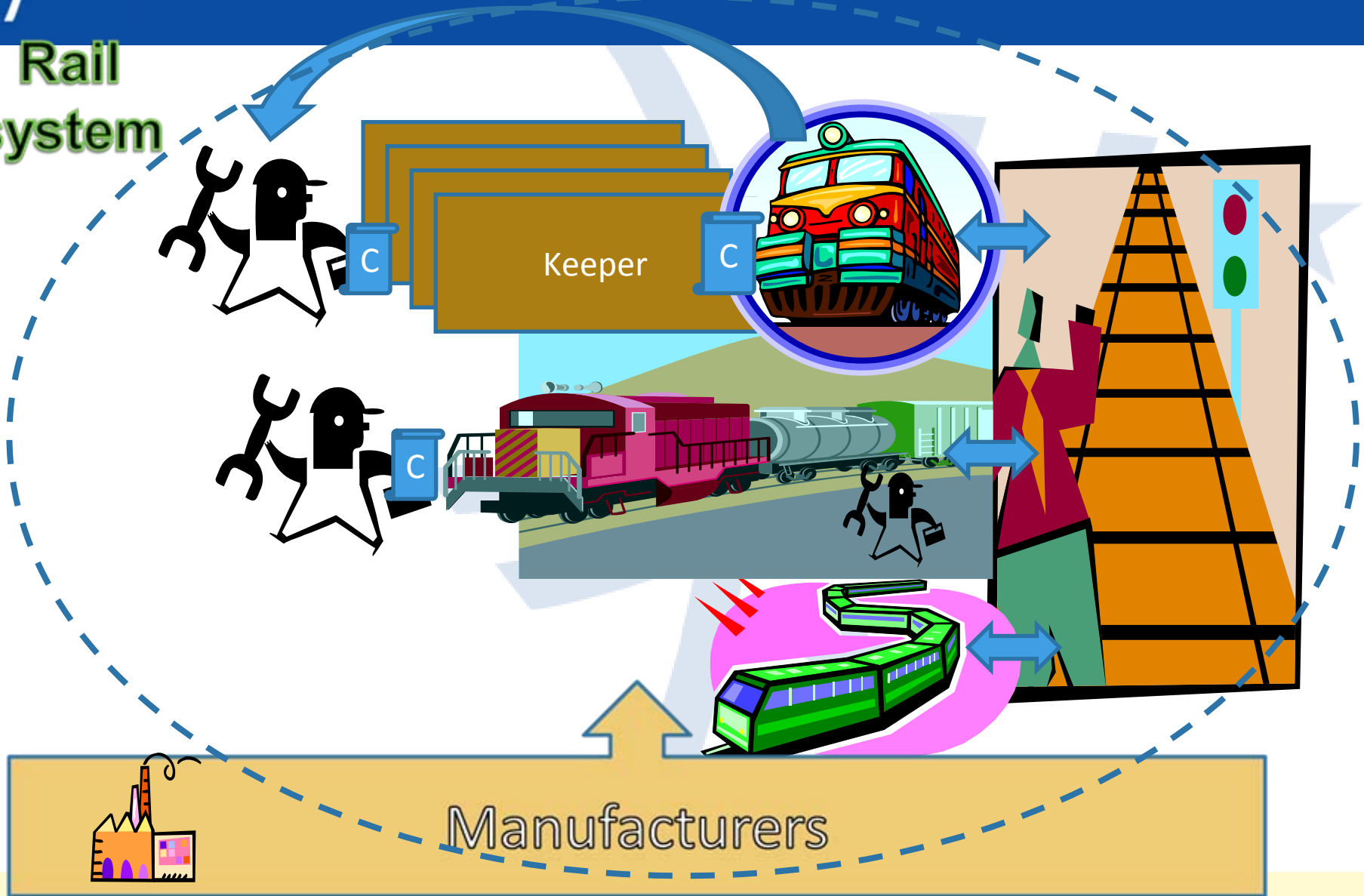
- Management
- Co-ordination for IM





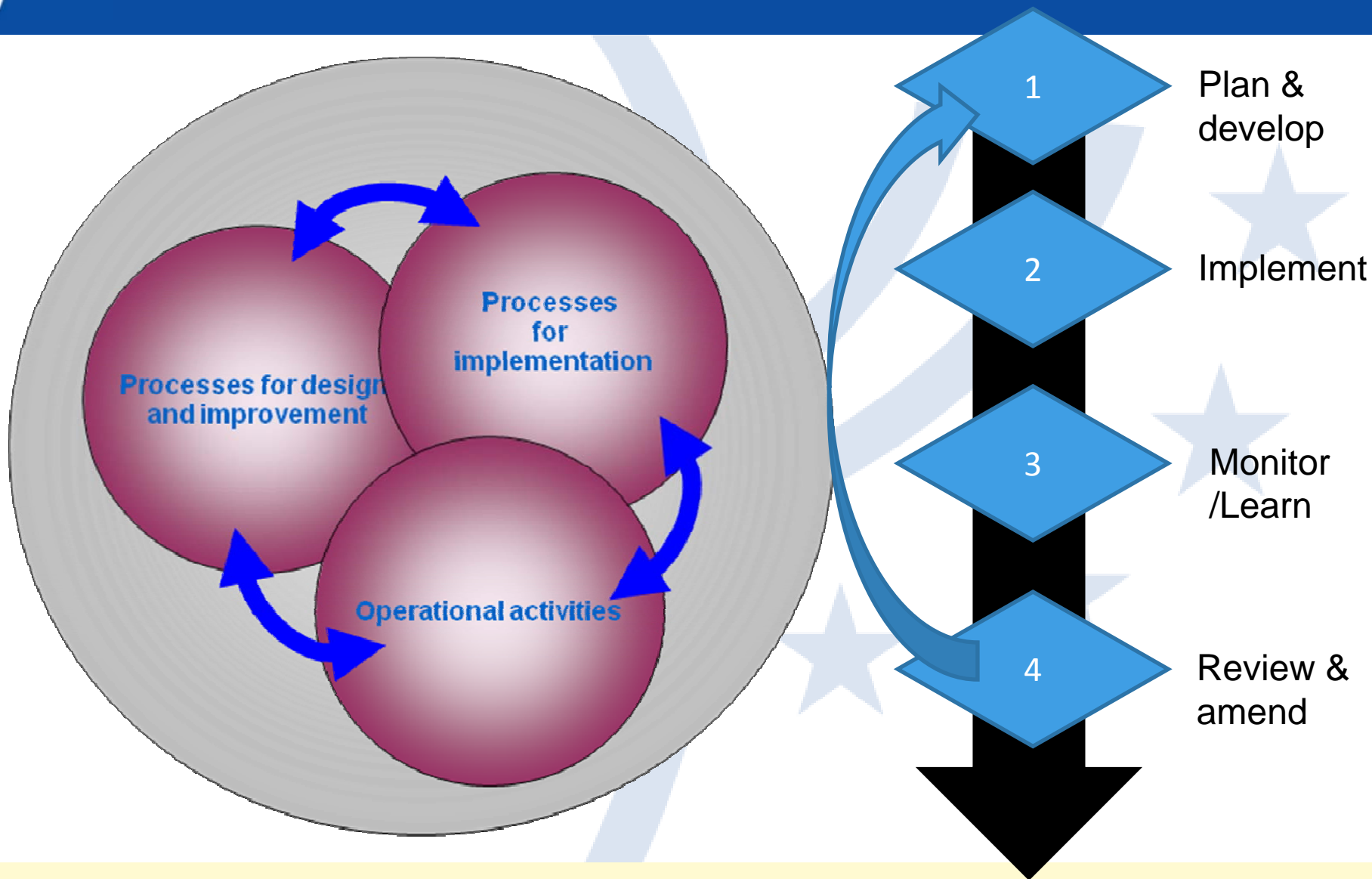
Management of interfaces

Rail
system





Continuous improvement





Conclusion

- A systematic approach to managing & controlling risks
- Fulfils the requirement of Article 4 (3)
- Living process → continuous improvement
- Can be adapted to suit the type, size etc. of the RU/IM
- **MUST** be owned!

