

# Interoperability by design

IUC The success story

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Hans Lindgren

Saab Training & Simulation





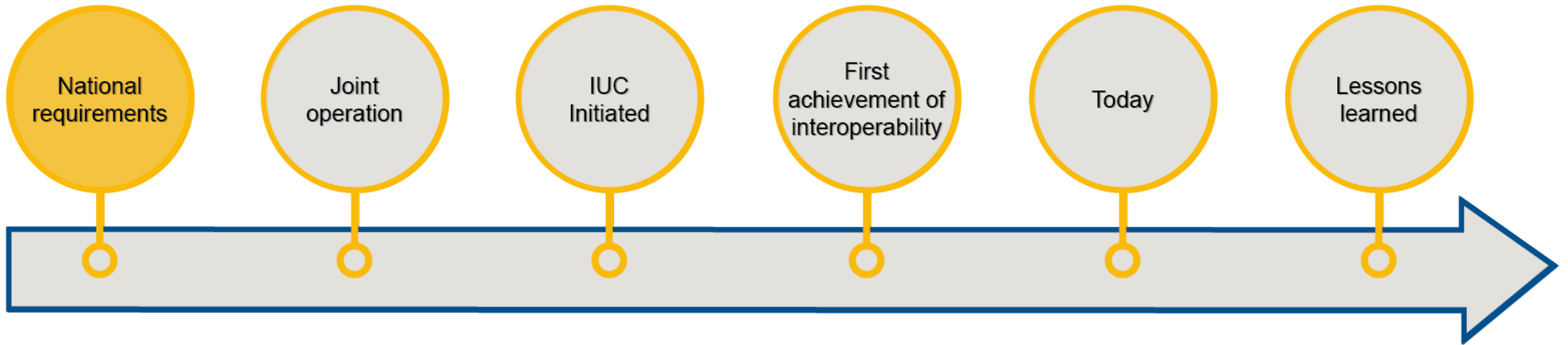
# **TRUE Confidence - When it Matters**



**LIVE Training**

# Milestones / Agenda (30 Years)

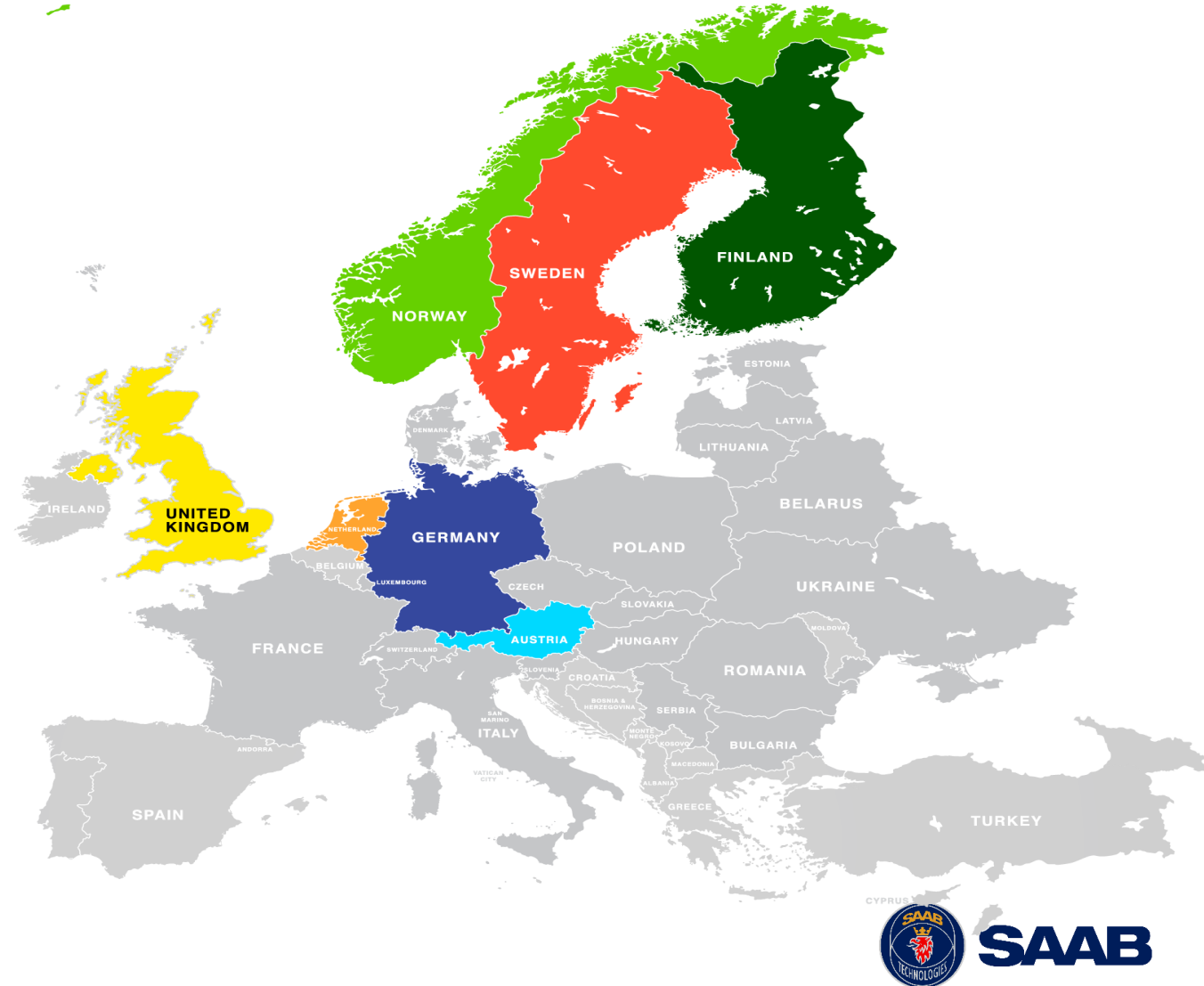
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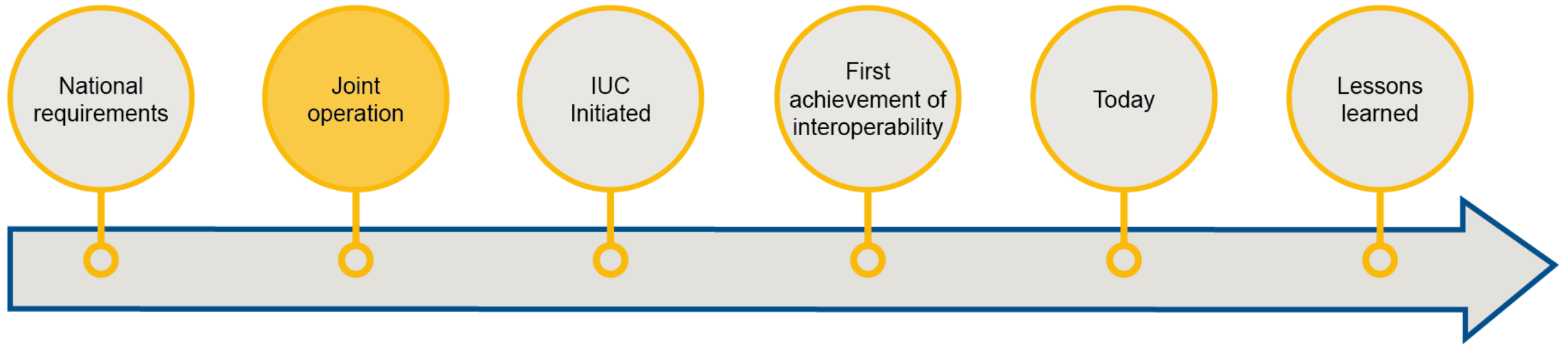
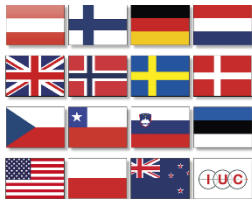
# Interoperability wasn't a requirement...

- Sweden BT 46 1989
- UK DFWES 1992
- Germany AGDUS 1994
- Austria DuSim 1998
- Holland MCTC 2000
- Norway NACMCTC 2001
- Finland KASI 2002



# Milestones

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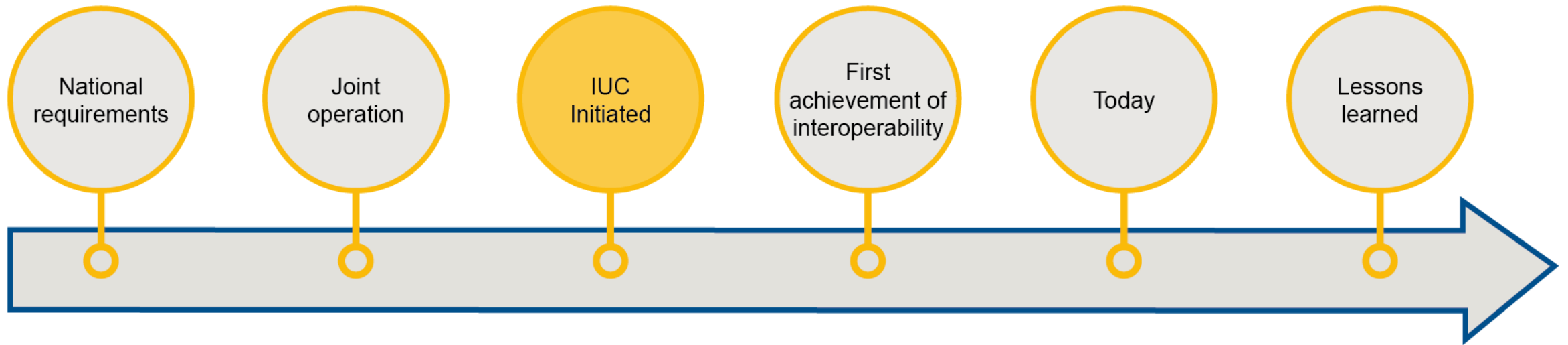


# Multinational operation shaped IUC



# Milestones 2008

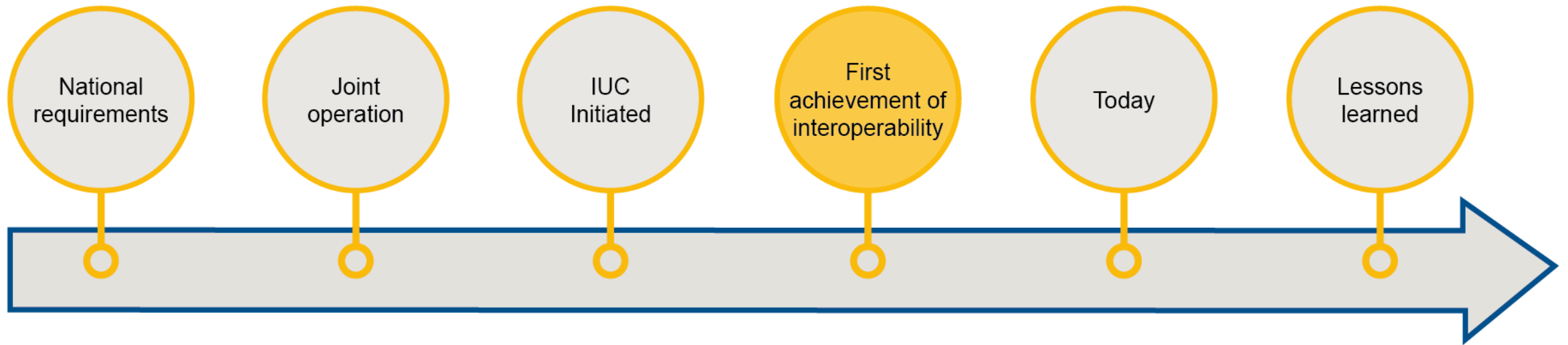
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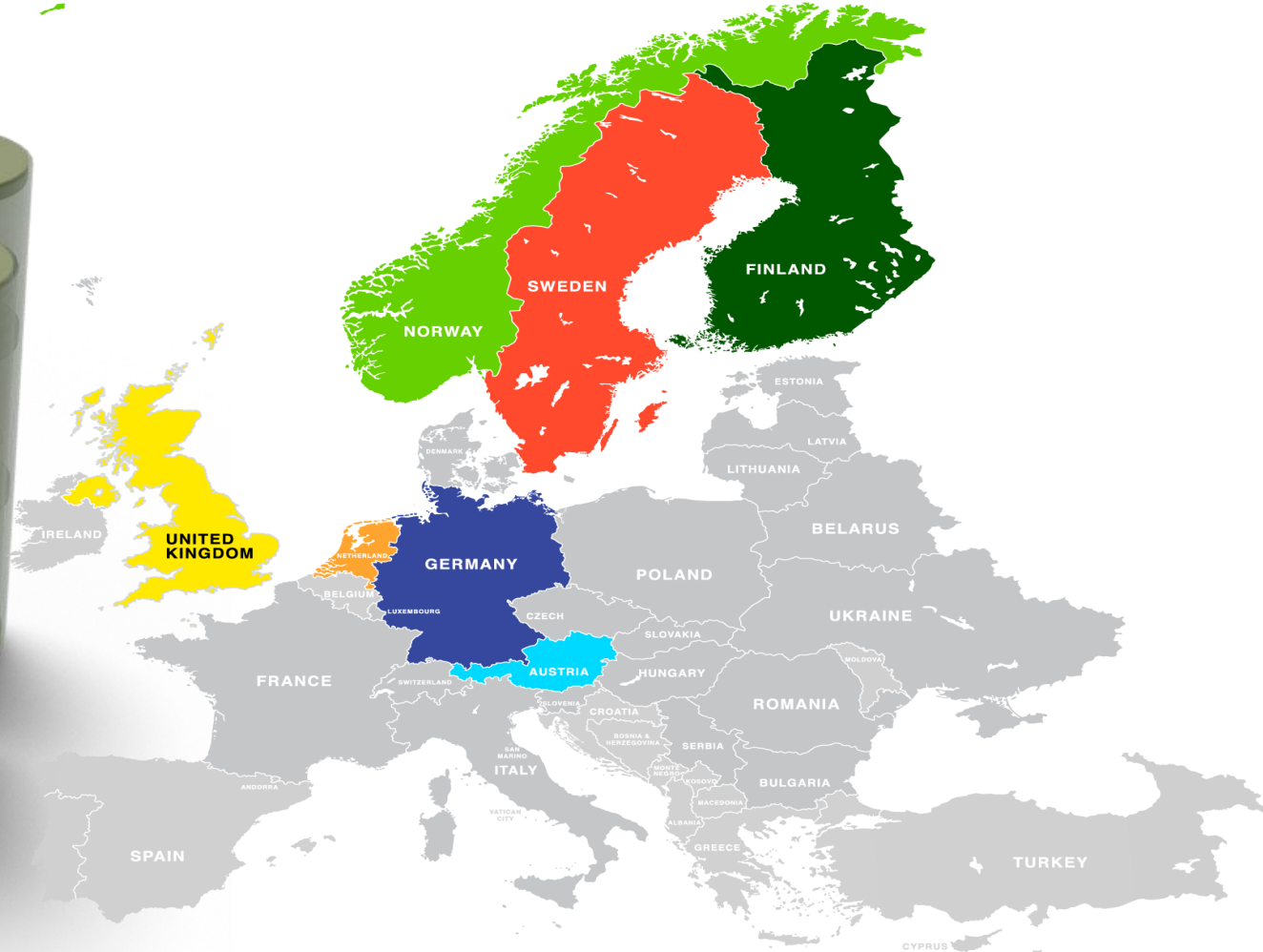


# Milestones

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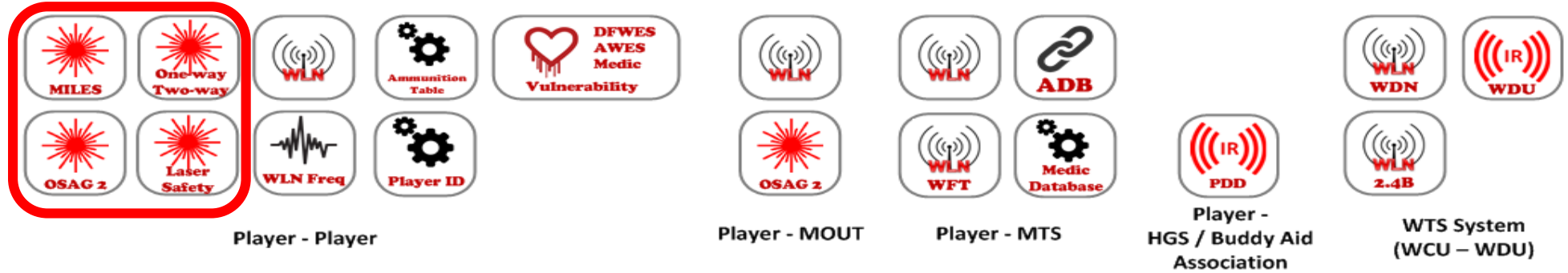
# First Level of Interoperability



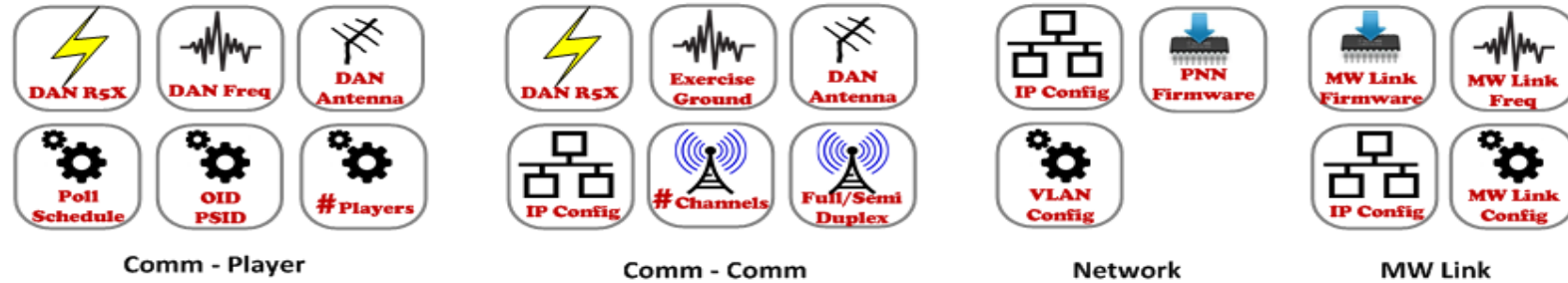


# Beyond Laser

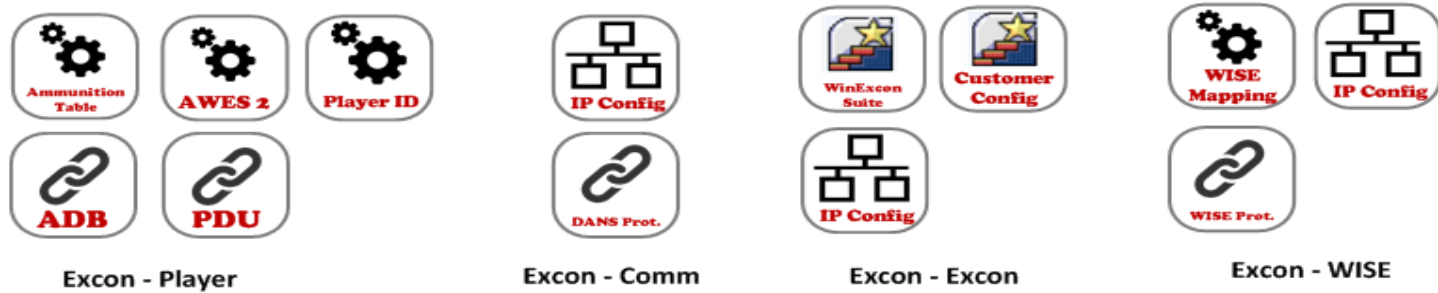
## Simulation Interoperability



## Communication Interoperability

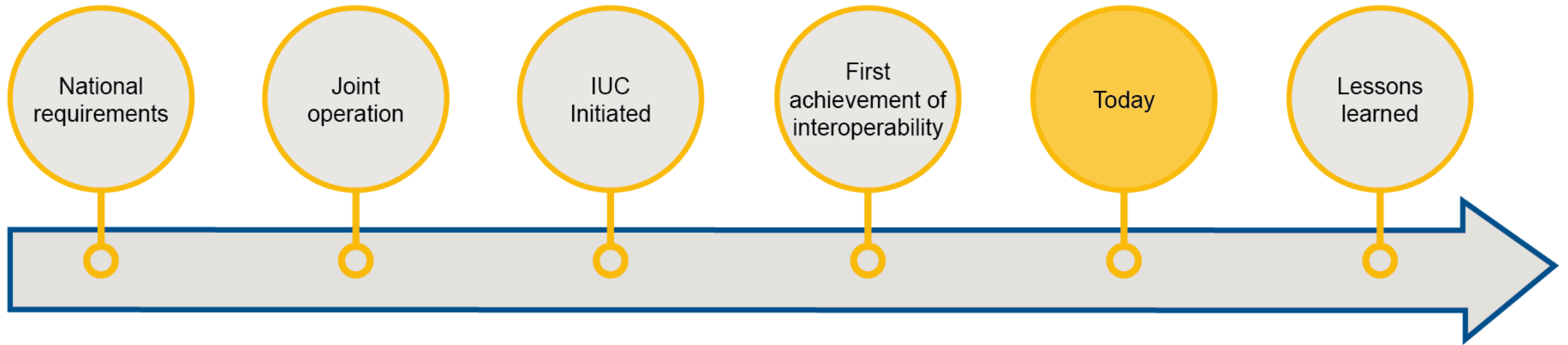


## Excon Interoperability



# Milestones (10 years later)

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# Interoperability User Community

- 15 member countries
- OSAG 2.0, SISO U-LEIS, implemented in all countries except Chile
- Continued discussions & Development / Implementations
  - Medical Examination Database
  - Area Weapons Effects (AWES)
  - Short range radio network
  - Communication Protocols
  - Configuration

## In summary:

- Interoperability for all War functions, in order to train large units in multinational exercises



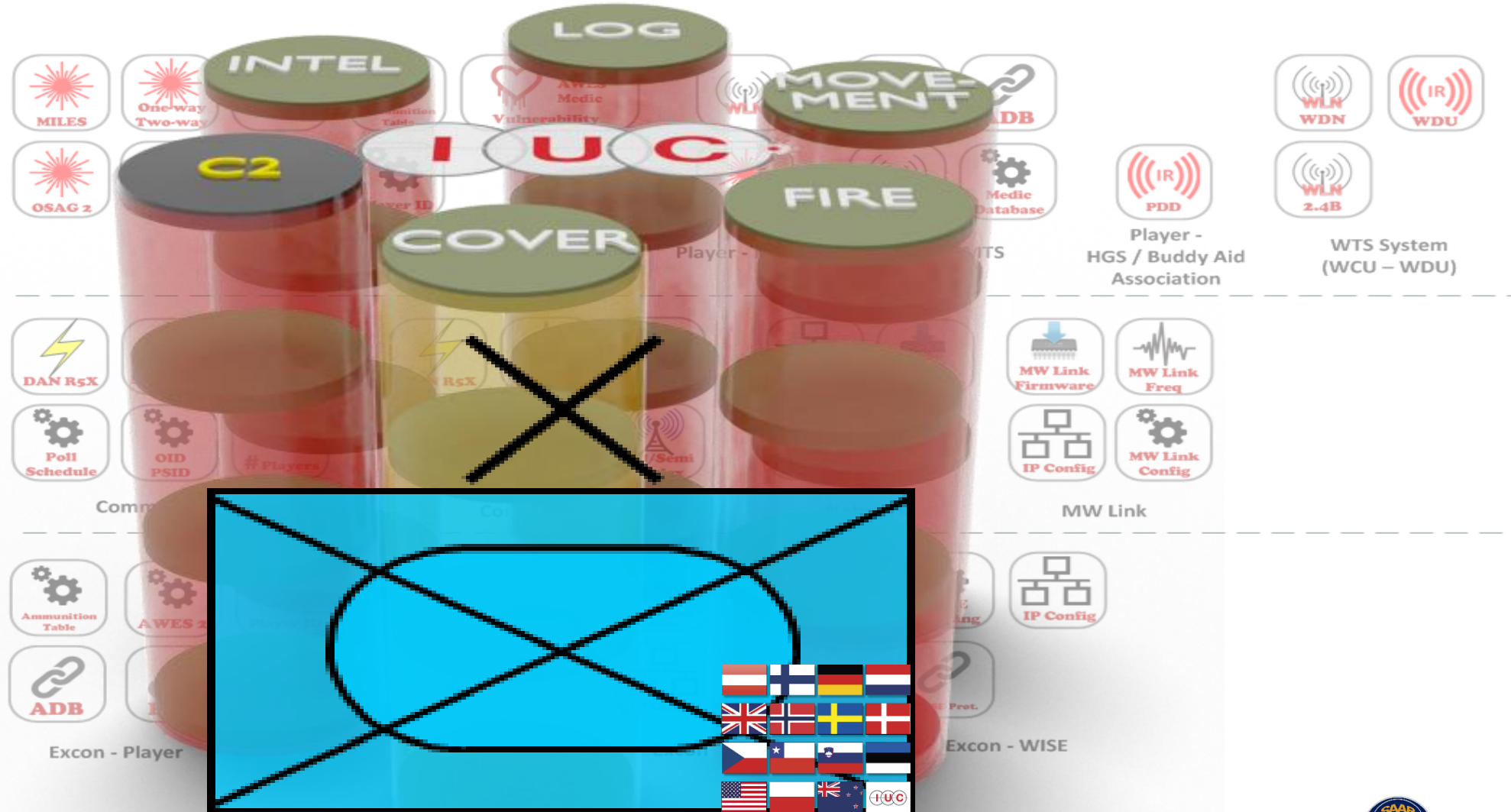


# Live Training Interoperability

Simulation Interoperability

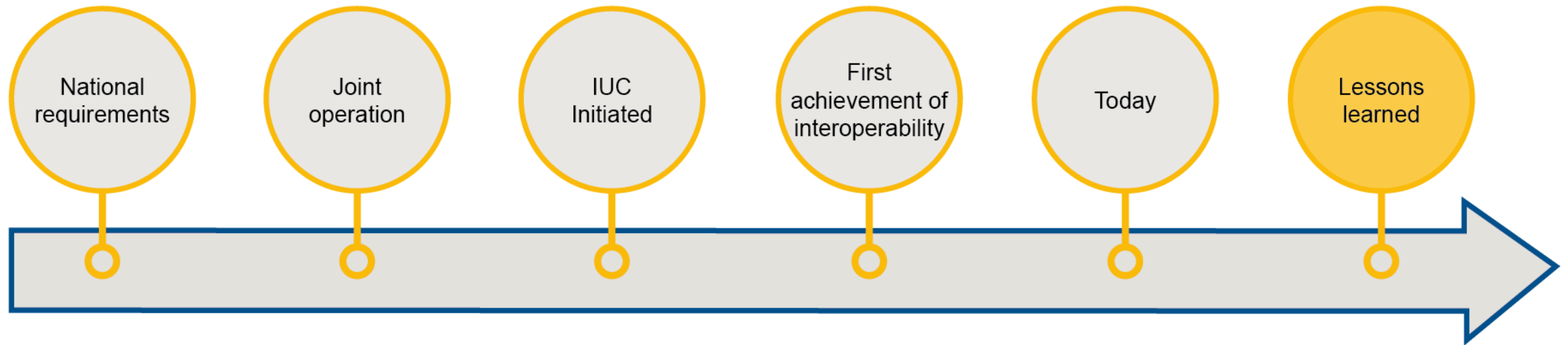
Communication Interoperability

Excon Interoperability



# Lessons Learned

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# Lessons learned

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- **Efficiency**
  - Supplier Sustainability 15-30 Year
  - Customer Network
  - Improved military capability
- **Challenge**
  - Maintain interoperability and still be innovative (Common interest)

