



EUROPEAN MIDDLEWARE INITIATIVE

# Security PT ARC Security Year-2 plans

Aleksandr Konstantinov  
University of Oslo

# ARC Security Components

- Service management tools
  - *nordugirdmap*
- User tools
  - *arcproxy*
- Service container (HED)
  - ARC Security Handlers

## Generic plans for year 2

- EMI Common Authentication Library
  - Implement C++ version
- Adoption of C++ library
- Adoption of EMI SAML Profile
- Adoption of EMI XACML Profile

# Service tools plans for year 2

- *nordugridmap*
  - Continue support
  - Adapt to possible changes in VOMS/VOMRS

# Client tools plans for year 2

- *arcproxy*
  - Continue support
  - Enhance features according to user requests
  - Adapt to possible changes in VOMS/VOMRS
  - Adopt EMI Common authentication Library

# Service container plans for year 2

- *Argus* PDP handler
  - Proceed from prototype to production state
  - Adopt EMI Common XACML Profile
- LCAS/LCMAPS security handlers
  - Recover LCAS/LCMAPS support in new framework – *user request*
  - Adapt for newest LCAS/LCMAPS API

## Service container plans for year 2

- EMI Common Authentication Library
  - Adopt in ARC TLS layer and Security Handlers
- EMI Common SAML Profile
  - Adopt SAML profile by implementing Security Handler capable of parsing EMI attributes
  - Client plans – not defined yet



**Thank you!**

EMI is partially funded by the European Commission under Grant Agreement RI-261611