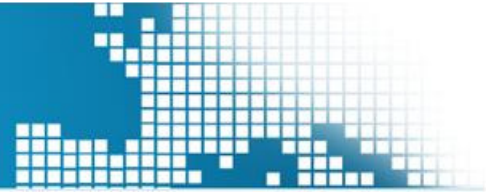




SENSEI on FIRE - Too hot to handle?

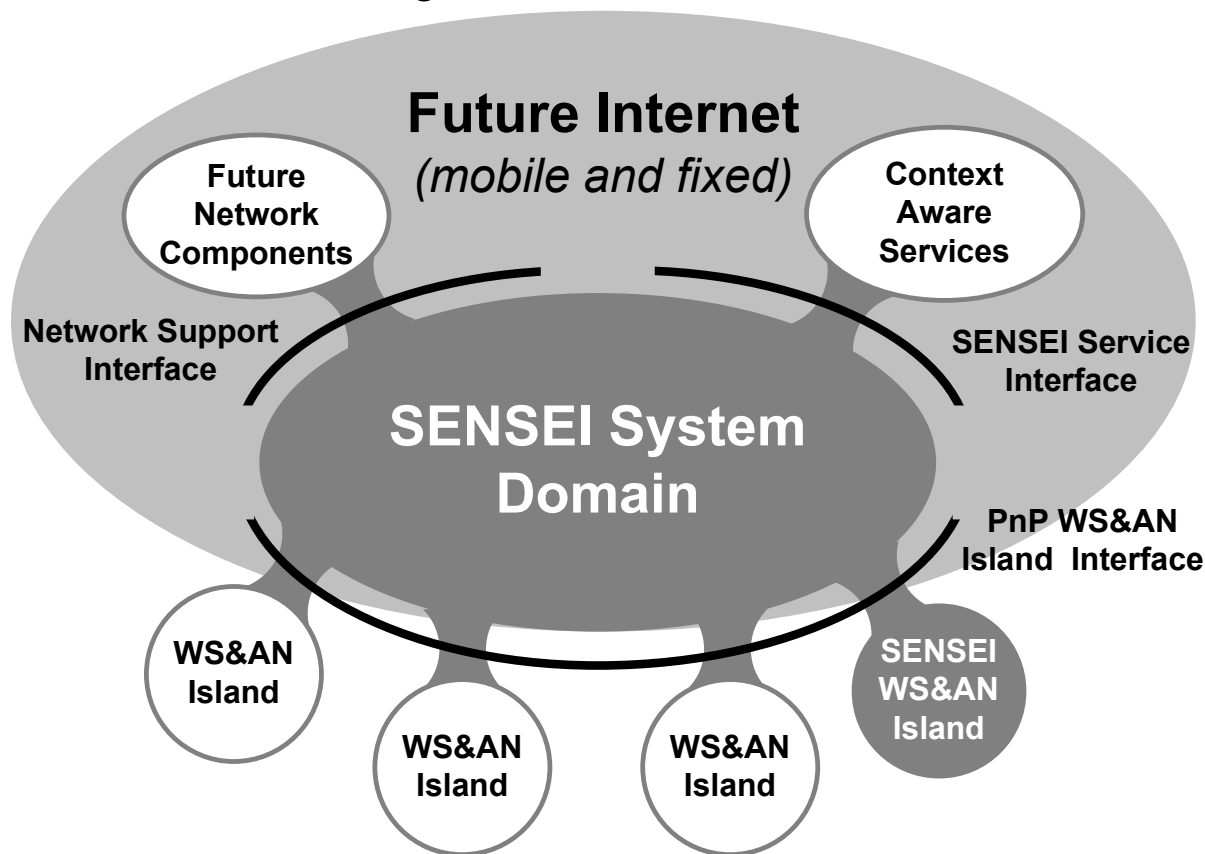
Srdjan Krco

www.sensei-project.eu

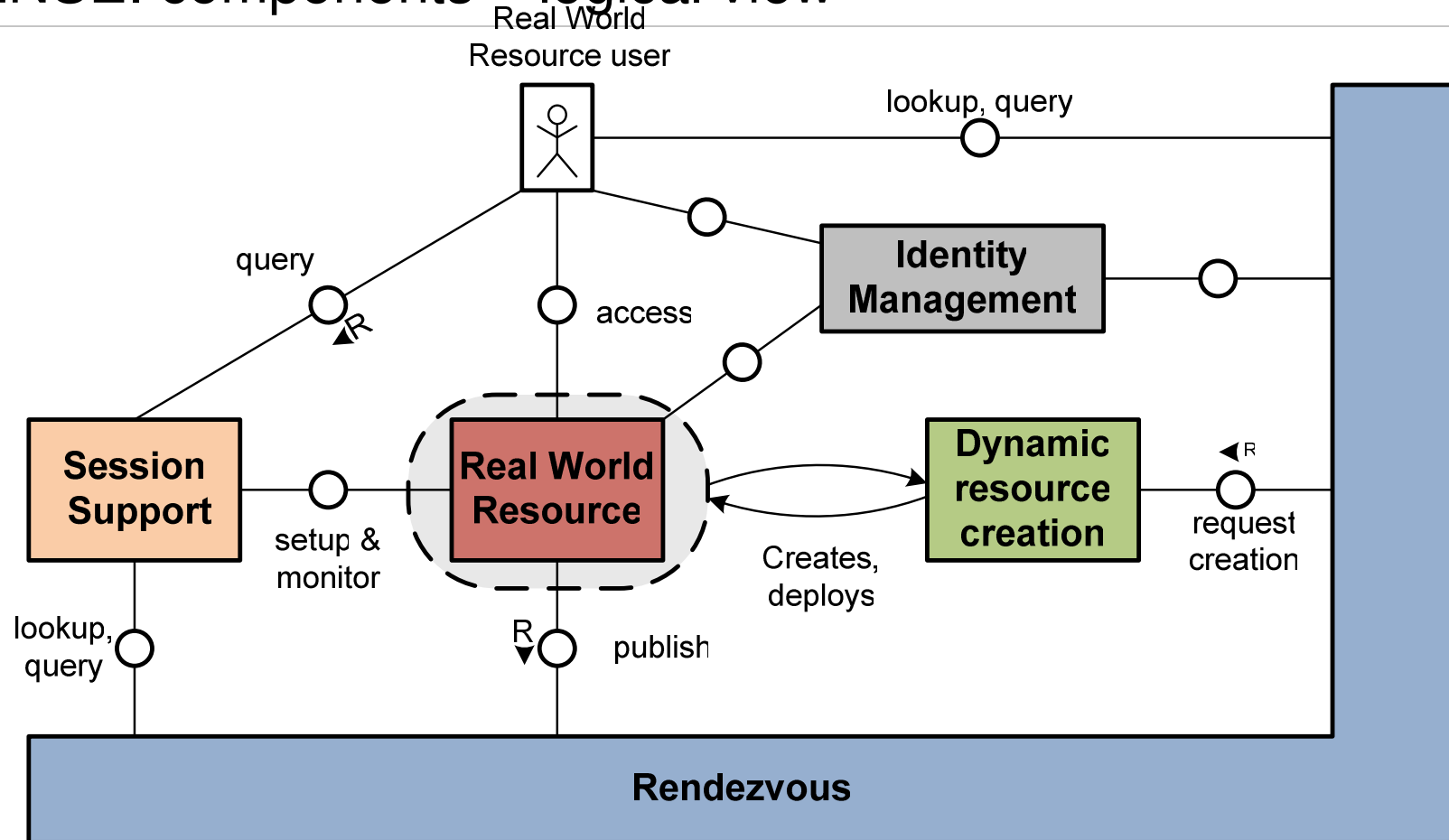


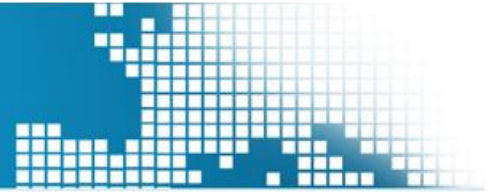
SENSEI vision

Pan European test platform, enabling large scale experimental evaluation of the SENSEI results and execution of field trials - providing a tool for long term evaluation of WS&AN integration into the Future Internet



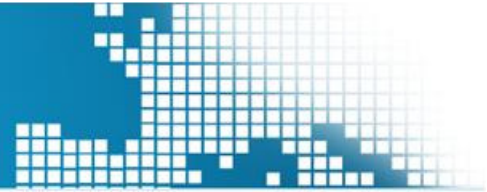
SENSEI components – logical view





Use case

- Deploy some core SENSEI framework functionality in a test bed and combine it with other framework functionality hosted by SENSEI partners
- Attach a number of WS&AN islands to test bed simultaneously, including virtual WS&AN simulated by the test bed
- Run applications consuming information produced by WS&AN islands
- Remotely manage WS&AN islands
- Gather results of test cases (WS&AN island attachment successful, required information discovered, information delivered to proper application, etc.)
- Gather logs of generated traffic



Expectations from FIRE

- Scalability
 - Ability to connect a large number of WS&AN networks to the test bed
 - Ability to allow large number of applications to utilize the test bed functionality simultaneously
- Heterogeneity
 - Ability to connect various edge networks
- Ability to combine SENSEI framework functionality hosted in FIRE and externally
- Ability to automatically gather results of success/failure of WS&AN island attachment to test bed
- Ability to easily deploy and configure virtual WS&AN in test bed