

# TAPAS in the EGI “ecosystem”

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**EGEE Application Porting Support**  
**EGEE Training and induction***

***MTA SZTAKI Grid Application Support Centre**  
[www.lpds.sztaki.hu/gasuc](http://www.lpds.sztaki.hu/gasuc)*

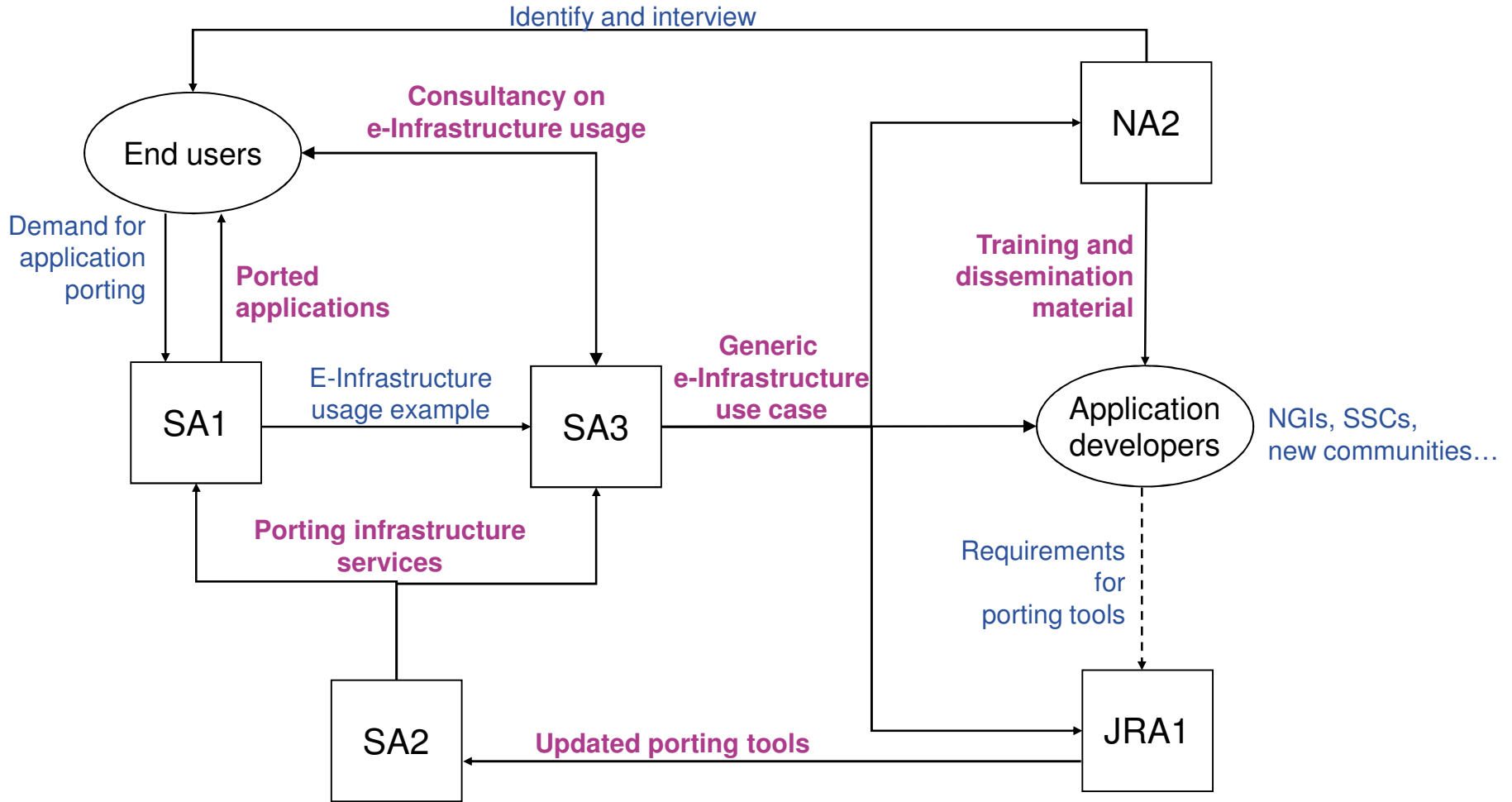
- **Actively searching for new user communities**
- **Understanding the e-infrastructural needs of emerging and existing scientific communities**
  - Interviews
- **Enabling emerging and existing EGI users to do e-Science quicker, better, simpler**
- **TAPAS users**
  - Grid application developers (IT members of scientific communities)
  - Scientists (end users - need transparent grid access)

- **Coordinator:**
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- **Call:**
  - FP7-INFRASTRUCTURES-2010-2
- **Topic:**
  - INFRA-2010-1.2.2: Simulation software and services
- **Funding scheme:**
  - Combination of Collaborative Projects and Coordination and Support Actions (CP-CSA)
- **Project duration:**
  - 24 months
- **EC Requested contribution (preliminary estimate):**
  - 2 - 2.2 M€

| Name  | Short Name | Country |
|---|------------|---------|
| Hungarian Academy of Sciences<br>Computer and Automation Research Institute<br><i>(coordinator)</i> | MTA SZTAKI | HU      |
| ISTITUTO NAZIONALE DI FISICA<br>NUCLEARE  | INFN       | IT      |
| Greek Research Network  | GRNET      | GR      |
| University of Westminster   | UniWest    | UK      |
| University of Warsaw  | UniWars    | PL      |
| National Information Infrastructure<br>Development Institute  | NIIFI      | HU      |
| Helsinki Institute of Physics   | HIP        | FI      |

- **Actively searching for and interviewing emerging communities and new members of established communities in order to offer e-Infrastructure consultancy and application porting support services**
- **Providing technical application porting service for existing and new users of EGI**
- **Identification of those generic application use cases where the EGI grid can be used efficiently at a production scale and produce “off the shelf” solutions for these cases**
- **Lower grid usage barriers by further developing some of the generic porting tools**

|      |  |       |
|------|--|-------|
| NA1  | Project administrative and technical management  | MGT   |
| NA2  | Knowledge Services (user community identification, interviewing; dissemination and training) | COORD |
| SA1  | Porting applications   | SVC   |
| SA2  | Infrastructure services for application developers   | SVC   |
| SA3  | Use cases and consultancy for new communities  | SVC   |
| JRA1 | Further development of porting tools   | RTD   |



| <b>EGI.org unit</b>     | <b>Group within unit</b>                | <b>TAPAS WP</b> | <b>topic</b>   |
|-------------------------|---|-----------------|--|
| Operations and security | Allocation of user support tickets      | SA1             | Handling application porting request tickets   |
|                         |   | SA2             | Handling porting infrastructure tickets  |
| User community services | Coordination of SSC activities          | NA2             | Organize the representatives of user communities   |
|                         |   | JRA1            | Organize the needs of user communities   |
|                         | Service for new and small communities   | SA3             | Analysing new trends in topology of grid users and resources                                 |
|                         | Event organization                      | NA1, NA2        | Contribution to User Forum event, co-allocation of TAPAS workshop/meeting                    |
|                         | Coord. of tech. info. and documentation | SA2             | Possibility of joint/unified documentation server, document format and document editing tool |
|                         | Coordination of training efforts        | NA2             | Dissemination, training on TAPAS results.  |



- **In some cases the technical application porting services of TAPAS will not cover every stage of a porting project and grid specialists from the Scientific SSCs must be involved.**
  - TAPAS will contact the application support representative of the Scientific SSC and either involves Scientific SSC members in the porting, or delegates the complete porting project to the Scientific SSC
- **TAPAS porting support persons will use the resources of scientific VOs whenever the profile of an application allows this**
  - TAPAS expects that the managers of scientific VOs will allow membership for the porting experts in such cases
- **TAPAS will provide generic porting services for Scientific SSC members if this improves the overall efficiency of the porting**
  - Case by case decision
  - Who will serve the porting needs of new SSCs, such as photonic science, humanities,...?

- **CUE:**
  - TAPAS to forward training requests to CUE
  - Collaborate on delivery of training events
  - Common partners: SZTAKI, INFN Catania, GRNET, UWars, UoWestminster
- **EMI:**
  - Forward middleware development requests on behalf of clients of TAPAS porting services
  - Common partners: GRNET, UWars, NIIF
- **EGI-SGI:**
  - TAPAS to use portlet repository for porting projects
  - TAPAS and EGI-SGI should carry out interviews together?
  - Common partners: SZTAKI, UoWestminster
- **GridTalk-2:**
  - Channels for TAPAS dissemination



Enabling Grids for E-science

**Thank you**

[www.eu-egee.org](http://www.eu-egee.org)

